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OAK RIDGE  
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MARTIN MARIETTA

## Carbon Dioxide Enrichment: Data on the Response of Cotton to Varying CO<sub>2</sub>, Irrigation, and Nitrogen

B. A. Kimball  
J. R. Mauney  
R. L. La Morte  
G. Guinn  
F. S. Nakayama  
J. W. Radin  
E. A. Lakatos  
S. T. Mitchell

L. L. Parker  
G. J. Peresta  
P. E. Nixon III  
B. Savoy  
S. M. Harris  
R. MacDonald  
H. Pros  
J. Martinez

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DEPARTMENT OF ENERGY

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Environmental Sciences Division

**CARBON DIOXIDE ENRICHMENT:  
DATA ON THE RESPONSE OF COTTON TO  
VARYING CO<sub>2</sub>, IRRIGATION, AND NITROGEN**

Contributed by

B. A. Kimball<sup>1</sup>, J. R. Mauney<sup>2</sup>, R. L. La Morte<sup>1</sup>, G. Guinn<sup>2</sup>, F. S. Nakayama<sup>1</sup>,  
J. W. Radin<sup>2</sup>, E. A. Lakatos<sup>3</sup>, S. T. Mitchell<sup>1</sup>, L. L. Parker<sup>2</sup>, G. J. Peresta<sup>1</sup>,  
P. E. Nixon III<sup>1</sup>, B. Savoy<sup>2</sup>, S. M. Harris<sup>1</sup>, R. MacDonald<sup>2</sup>, H. Pros<sup>2</sup>, and J. Martinez<sup>1</sup>

<sup>1</sup> U.S. Water Conservation Laboratory and <sup>2</sup> Western Cotton Research Laboratory  
U.S. Department of Agriculture, Agricultural Research Service  
Phoenix, Arizona

<sup>3</sup> Soil and Water Science Department  
University of Arizona  
Tucson, Arizona

Prepared by R. J. Sepanski<sup>4</sup>  
Environmental Sciences Division  
Publication No. 3880  
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<sup>4</sup> Energy, Environment, and Resources Center  
The University of Tennessee  
Knoxville, Tennessee

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Prepared by the  
OAK RIDGE NATIONAL LABORATORY  
Oak Ridge, Tennessee 37831-6335  
managed by  
MARTIN MARIETTA ENERGY SYSTEMS, INC.  
for the  
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F. S. Nakayama, J. W. Radin, E. A. Lakatos, G. W. Wall,  
S. T. Mitchell, L. L. Parker, G. J. Peresta,  
P. E. Nixon III, B. Savoy, S. M. Harris, R. MacDonald,  
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## ABSTRACT

KIMBALL, B. A., J. R. MAUNEY, R. L. LA MORTE, G. GUINN, F. S. NAKAYAMA, J. W. RADIN, E. A. LAKATOS, S. T. MITCHELL, L. L. PARKER, G. J. PERESTA, P. E. NIXON III, B. SAVOY, S. M. HARRIS, R. MACDONALD, H. PROS, and J. MARTINEZ. 1992. Carbon dioxide enrichment: data on the response of cotton to varying CO<sub>2</sub>, irrigation, and nitrogen. ORNL/CDIAC-44, NDP-037. Carbon Dioxide Information Analysis Center, Oak Ridge National Laboratory, Oak Ridge, Tennessee. 602 pp. doi: 10.3334/CDIAC/vrc.ndp037

This document presents results from field CO<sub>2</sub>-enrichment experiments conducted over five consecutive growing seasons, 1983–1987. These results comprise data concerning the effects of continuous CO<sub>2</sub> enrichment on the growth of cotton under optimal and limiting levels of water and nitrogen. Unlike many prior CO<sub>2</sub> enrichment experiments in growth chambers or greenhouses, these studies were conducted on field-planted cotton at close to natural conditions using the open-top chamber approach. Measurements were made on a variety of crop response variables at intervals during the growing season and upon crop harvest. The 1983 experiment was conducted on the lysimeter field at the U.S. Water Conservation Laboratory, Phoenix, Arizona, whereas the experiments during the four subsequent years were conducted at a site near the Western Cotton Research Laboratory, Phoenix, Arizona. The initial experiment examined the effects of varying CO<sub>2</sub> concentration only. In the following two seasons, the interactive effects of CO<sub>2</sub> concentration and water availability were studied. In the final two seasons, the effects of the three-way interaction between CO<sub>2</sub> concentration, water availability, and nitrogen fertility were investigated.

The data comprise three types of information: identification variables (such as year, institution and site codes, and treatment regimens), intermediate growth measurements (such as plant height, leaf area index, number of flowers, and dry weight of leaves) taken at various times during the growing season, and crop harvest results (such as lint yield, seed yield, and total aboveground dry biomass). They are available free of charge as a numeric data package (NDP) from the Carbon Dioxide Information Analysis Center. The NDP consists of this document and a magnetic tape (or a floppy diskette, upon request) containing machine-readable files. This document provides sample listings of the CO<sub>2</sub> enrichment response data as they appear on the magnetic tape or floppy diskette, offers retrieval program listings (in FORTRAN and SAS\* languages), and defines limitations and restrictions of the data. In addition, this document provides detailed descriptions of the design and methodology of these experiments, as well as a complete hard copy listing of all of the data, in the form of a supplemental text provided as an appendix.

These data will be useful for elucidating the possible future effects on crop production of a doubling of global atmospheric CO<sub>2</sub> concentrations and for validating crop growth models designed to predict the effects of elevated CO<sub>2</sub> on cotton growth. The data show that, for all five growing seasons and all experimental treatments (water-stressed or well-watered, low-nitrogen or high-nitrogen), cotton yields and plant dry weights were increased significantly by CO<sub>2</sub> enrichment.

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\*SAS is the registered trademark of SAS Institute, Inc., Cary, NC 27511-8000.



**PART 1**  
**INFORMATION ABOUT THE NUMERIC DATA PACKAGE**



## 1. NAME OF THE NUMERIC DATA PACKAGE

Carbon Dioxide Enrichment: Data on the Response of Cotton to Varying CO<sub>2</sub>, Irrigation, and Nitrogen.

## 2. CONTRIBUTORS

B. A. Kimball <sup>1</sup>	J. R. Mauney <sup>2</sup>	R. L. La Morte <sup>1</sup>
G. Guinn <sup>2</sup>	F. S. Nakayama <sup>1</sup>	J. W. Radin <sup>2</sup>
E. A. Lakatos <sup>3</sup>	S. T. Mitchell <sup>1</sup>	L. L. Parker <sup>2</sup>
G. J. Peresta <sup>1</sup>	P. E. Nixon III <sup>1</sup>	B. Savoy <sup>2</sup>
S. M. Harris <sup>1</sup>	R. MacDonald <sup>2</sup>	H. Pros <sup>2</sup>
J. Martinez <sup>1</sup>		

<sup>1</sup> U.S. Water Conservation Laboratory and <sup>2</sup> Western Cotton Research Laboratory  
U.S. Department of Agriculture, Agricultural Research Service  
Phoenix, Arizona

<sup>3</sup> Soil and Water Science Department  
University of Arizona  
Tucson, Arizona

## 3. KEYWORDS

Carbon dioxide enrichment, carbon dioxide fertilization, cotton, crop yield, nitrogen fertility, photosynthesis, plant growth, plant physiology, water stress, global change

## 4. BACKGROUND INFORMATION

Firm evidence now exists that atmospheric levels of carbon dioxide (CO<sub>2</sub>) have increased dramatically over the past several decades. Even conservative projections of future atmospheric CO<sub>2</sub> concentrations [such as the "2060 Low Emissions Scenario" put forth by the Intergovernmental Panel on Climate Change (IPCC)] suggest that CO<sub>2</sub> levels are likely to continue rising far into the 21st century (IPCC 1991). Because CO<sub>2</sub> is a raw material for photosynthesis, the possibility exists that an increase in atmospheric CO<sub>2</sub> levels may affect the rate of photosynthesis, and perhaps the net uptake of carbon, for many plants. It is important, therefore, to obtain information on the effects of CO<sub>2</sub> on plant growth because of the implications both to agriculture and forestry and to our understanding of the overall flow of carbon in the terrestrial biosphere.

The effects of CO<sub>2</sub> enrichment on plant growth have been studied extensively (Kimball 1983a,b; Wittwer 1986). The phenomenon of growth enhancement in plants grown under conditions of CO<sub>2</sub> enrichment has been described since the early 1900s (e.g., Bolas and Henderson 1928; Wittwer 1986).

36.	D104S.WK1	Same as File 33, but data are for the Sundarbans zone and subdivisions thereof in Bangladesh.
37.	D105S.WK1	Same as File 33, but data are for the Western Districts zone and subdivisions thereof in Bangladesh.
38.	D101L.WK1	History of boundary changes in the zone, allocation of national land use data into the 8 land use classes used in this data base, record of modifications made to data based on secondary sources (listed) for the Chittagong Hill Tracts zone in Bangladesh.
39.	D102L.WK1	History of boundary changes in the zone, allocation of national land use data into the 8 land use classes used in this data base for the Eastern Coast zone in Bangladesh
40.	D103L.WK1	Same as File 39, but data are for the Meghna Districts zone in Bangladesh
41.	D104L.WK1	Same as File 39, but data are for the Sundarbans zone in Bangladesh
42.	D105L.WK1	Same as File 39, but data are for the Western Districts zone in Bangladesh
43.	D200A.WK1	Data source listing for livestock, human population, and land use data; discussion of data limitations; allocation of national land use data into the 8 land use classes used in this data base for the country of Brunei.

D - 4

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File number	File name	File description
54.	D308P1S.WK1	Same as File 45, but data are for the Chandigarh subdivision of the Haryana/Chandigarh zone in India.

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**Table 1.** Cotton crop response variables for which measurements are available from the 1983–1987 field experiments

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**Intermediate Growth Data**

Median day of emergence (JEMRGD)  
Median day of first square (JSQRJD)  
Median day of first flower (JFLRJD)  
Plant height, cm (XPLTHT)  
Leaf area index, m<sup>2</sup>/m<sup>2</sup> (XLAI)  
Number of nodes per square meter (JNNODM)  
Number of squares per square meter (JNSQRM)  
Number of flowers per square meter (JNFLWM)  
Number of green bolls per square meter (JNGBLM)  
Number of open mature bolls per square meter (JNMBLM)  
Number of abscised sites per square meter (JNABSM)  
Dry leaf weight, kg/ha (XWLEFH)  
Dry stem weight, kg/ha (XWSTMH)  
Dry root weight, kg/ha (XWROTH)  
Dry green boll weight, kg/ha (XWGBLH)  
Dry mature boll weight, kg/ha (XWMBLH)

**Crop Harvest Summary Data**

Lint yield, dry weight, kg/ha (XLTYLD)  
Seed yield, dry weight, kg/ha (XSDYLD)  
Seed dry weight, g/seed (XSDWT)  
Number of bolls per square meter (XBLSM)  
Number of seeds per boll (XSPB)  
Maximum leaf area index during season, m<sup>2</sup>/m<sup>2</sup> (XLAIMX)  
Aboveground dry biomass, kg/ha (XBIOM)  
Stem plus burr weight, kg/ha (XSTMBR)

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**Table 2a.** CO<sub>2</sub> enrichment response experiments, 1983–1987:  
CO<sub>2</sub> levels, water treatments, and nitrogen treatments

Year	CO <sub>2</sub> levels	Water treatments	Nitrogen treatments
1983	1. No chamber, 350 µmol/mol 2. Ambient chamber, 350 µmol/mol 3. Chamber, 500 µmol/mol 4. Chamber, 650 µmol/mol	Well-watered only	Well-fertilized only
1984	1. No chamber, 350 µmol/mol 2. Ambient chamber, 350 µmol/mol 3. Chamber, 500 µmol/mol 4. Chamber, 650 µmol/mol	Well-watered (wet) + water-stress (dry) (Severe rains minimized the stress of dry treatment)	Well-fertilized only
1985	1. No Chamber, 350 µmol/mol 2. Ambient chamber, 350 µmol/mol 3. Chamber, 500 µmol/mol 4. Chamber, 650 µmol/mol	Well-watered + water-stress (Greater control over water-stress treatment was present than in 1984)	Well-fertilized only
1986	1. Ambient chamber, 350 µmol/mol 2. Chamber, 650 µmol/mol	Well-watered + water-stress (same as 1985)	Nitrogen-added + no-nitrogen added (Amt. N applied to nitrogen-added group was only half that planned because of communication error)
1987	1. Ambient chamber, 350 µmol/mol 2. Chamber, 650 µmol/mol	Well-watered + water-stress (same as 1986)	Nitrogen added + No-nitrogen added (N+ plots had more nitrogen and N- plots had less nitrogen than in 1986)

**Table 2b.** CO<sub>2</sub> enrichment response experiments, 1983–1987:  
Locations, soil types, cotton strains, crop histories, and soil preparations

Year	Location	Soil type	Cotton strain	Crop history	Soil preparation
1983	U.S. Water Conservation Lab. Phoenix, AZ 33.40 N, 112.00 W	Avondale clay loam	Deltapine-70	Followed a winter wheat crop	Pre-irrigated, fertilized, rototilled to 10 cm, planted in flat beds with rows 1.02 m apart
1984	Near Western Cotton Research Lab. Phoenix, AZ 33.40 N, 112.00 W	Avondale clay loam	Deltapine-61	Followed 3 years of alfalfa crops	Plowed to 20 cm, furrowed, herbicide treated, pre-irrigated, tilled, planted in N/S rows on ridges 1.02 m apart with furrows in-between
1985	Near Western Cotton Research Lab. Phoenix, AZ 33.40 N, 112.00 W	Avondale clay loam	Deltapine-61	Plots in same positions as in 1984. Previous crop was pulled out with roots attached. Fallow over winter	Rototilled, raked into beds (lower than usual ridges), not pre-irrigated, planted in same ridges and same plots as previous year
1986	Near Western Cotton Research Lab. Phoenix, AZ 33.40 N, 112.00 W	Avondale clay loam	Deltapine-61	Plots in same positions as in 1985. Fallow over winter. Stalks from previous crop shredded and disk plowed	Plowed, furrowed, pre-irrigated, herbicide treated, planted in same plots as previous 2 years
1987	Near Western Cotton Research Lab. Phoenix, AZ 33.40 N, 112.00 W	Avondale clay loam	Deltapine-61	Plots in same locations as 1986. Tilled and planted in barley over the winter; barley cut and removed after ca. 1/3 growth	Stalks from previous barley crop disk plowed to 20 cm, furrowed, not pre-irrigated, planted in same plots as previous 3 years

**Table 2c.** CO<sub>2</sub> enrichment response experiments, 1983–1987:  
Planting dates, beginning CO<sub>2</sub> treatment dates, irrigation regimens, and fertilization regimens

Year	Planting date	Begin CO <sub>2</sub> treatment	Irrigation regimen	Fertilization regimen
1983	6/8/83	6/14/83	Flood irrigation about every 2 weeks (6/13–9/21)	Preplant application of urea (124 kg/ha)
1984	4/16/84	5/2/84	Wet: Flood irrigation every 2 weeks (5/30–9/6) Dry: Irrigation every 3 weeks (5/30–8/30) Heavy rains in late June, early Aug., and mid-Sept.	Preplant application of urea (15 kg/ha). Additional broadcast of urea (75 kg/ha) on June 11
1985	4/9/85	5/2/85	All: 1st irrigation 4/11 Wet: Weekly drip irrigation, determined as $I = \text{pan evap.} \times \text{LAI}/3$ up to LAI=3 or as $I = \text{pan evap. amt.}$ at LAI > 3 (5/24–9/20) Dry: Weekly drip irrigation, calculated as 2/3 of wet treatment	Urea fertilizer injected into weekly irrigation water (Total=183/kg/ha over 6/11–8/23)
1986	3/31/86	4/25/86	All: 1st irrigation 4/23 Wet: Same as in 1985 (5/13–9/30) Dry: Same as in 1985 (5/13–9/30)	N+: Urea fertilizer injected into weekly irrigation water (Total=96 kg/ha over 5/13–8/19)  N–: No urea fertilizer added (2 mg N/kg occurred naturally in irrigation water)
1987	4/7/87	5/8/87	All: 1st irrigation 4/16 Wet: Same as in 1986 (5/26–9/30) Dry: Same as in 1986 (5/26–9/30)	N+: Nitrogen fertilizer injected into weekly irrigation water. Urea used until 7/14, beginning on which Uran-32 was used (Total applied N=231 kg/ha over 6/2–9/1)  N–: Same as in 1986. However, a barley crop was grown over winter and removed while green to reduce soil nitrogen

**Table 2d. CO<sub>2</sub> enrichment response experiments, 1983–1987:  
Insecticide/herbicide summaries and pest infestations**

Year	Insecticide/herbicide summary	Pest infestations
1983	Temik (applied at planting); Vapona (began treatment in September)	Some insect problems beginning in September
1984	Karmex (preplant herbicide); Vapona (6/11–8/6); Kelthane (6/18–7/24); Temik (6/20); Sevin (7/24)	Visible damage to upper leaves
1985	<p>Within chambers and open field plot areas: Orthene (3x); Vapona (13x); Kelthane (10x); Thuricide (2x). Initial application 5/3, then regularly from 6/5–9/13</p> <p>Whole field outside chambers: Guthion (1x); Malathion (7x); Sevin (2x); Kelthane (2x); Cymbush (1x). Regular application 6/19–9/15</p>	Insects (particularly whiteflies) more of a problem than in 1983 or 1984. Insecticide regimen only partially effective in reducing insect numbers, but damage to cotton did not appear significant
1986	Orthene (15x); Malathion (12x); Dimilin (1x); Kelthane (1x); Pydrin (3x). Applications periodic from 4/24–9/20	Early season thrips effectively controlled by Orthene. Boll weevils controlled by malathion. Serious infestation in July of leaf perforators; resisted malathion but were finally controlled by Dimilin and Pydrin
1987	Temik (5/8); Malathion (18x) applied periodically 5/12–7/17 and 8/19–10/13; Pydrin (5x) applied 8/12–8/19	Minimal insect damage (following aggressive insecticide application)

The digitized data set that accompanies this document contains intermediate growth data and crop harvest summary data for the crop response variables listed in Table 1. Data are also available for many other parameters, including daily weather, soil profile properties (e.g., initial soil moisture and nitrogen conditions), and irrigation and fertilizer treatments. These highly specialized data comprise a very large number of separate files and have not been included on the magnetic tape or floppy diskette that accompanies this document; however, these data are described in detail and presented in their entirety (in hard copy form) in the supplemental text provided in the appendix. These data may also be obtained in digitized form from CDIAC upon request; in addition, CDIAC can provide a FORTRAN retrieval code, developed by G. W. Wall and M. L. Reaves (U.S. Water Conservation Laboratory, Phoenix) and also described in the supplemental text, to facilitate use of the data. The file structures of these data conform to the International Benchmark Sites of Agrotechnology Transfer (IBSNAT) standards, developed in 1986 by plant growth modelers for crop model input and output files (IBSNAT 1986).

Measurements of plant physiological parameters, such as leaf temperature, stomatal resistance, and leaf water potential, are not available from CDIAC at this time. However, these data are discussed in Kimball et al. (1983, 1984, 1985, 1986, 1987).

Using data obtained from the 1983 cotton growth experiment, Kimball et al. (1983) found that, at CO<sub>2</sub> concentrations of 500 and 650 μmol/mol, respectively, plant top dry weight increased 22 and 50% (versus measurements at ambient CO<sub>2</sub> concentrations), seed cotton yields increased 29 and 63%, lint yields increased 31 and 46%, numbers of flowers increased 4 and 36%, and boll retention increased 14 and 8%.

For the 1984 experiment (in which the interactive effect of water availability was added), Kimball et al. (1984) reported that at CO<sub>2</sub> concentrations of 500 and 650 μmol/mol, respectively, seed cotton yields increased 46 and 92% over yields at ambient concentrations in the wet plots and 32 and 77% in the dry plots, with similar increases in leaf area and dry matter production. The yield increase was mainly the result of an increase in the number of flowers, rather than in boll retention. Harvest index, seed size, and percent lint per boll were not affected by CO<sub>2</sub>; the primary effect of CO<sub>2</sub> was on plant size.

For the 1985 season (where the experimental design was virtually the same as in 1984), Kimball et al. (1985) reported that seed cotton yields increased 45 and 52% (at 500 and 650 μmol/mol, respectively) over yields at ambient CO<sub>2</sub> in the wet plots and 64 and 104% in the dry plots. Total dry matter increased 40 and 51% in the wet plots and 52 and 71% in the dry plots. Seed index and harvest index were not affected by CO<sub>2</sub>, though both indices were reduced by water stress. Increased yield was mainly caused by increased numbers of flowers and not to changes in boll retention.

For the 1986 experiment, in which only a single level of CO<sub>2</sub> enrichment (650 μmol/mol) was established and the additional factor of nitrogen fertilization was introduced, Kimball et al. (1986) reported that seed cotton yields in the N+ plots increased 48% over yields at ambient concentrations under well-watered conditions and 70% under water-stress conditions. In the N- plots, seed cotton yields increased 70% under well-watered conditions and 51% under water-stress conditions. The duration and amplitude of the flowering and boll-set cycles were altered by CO<sub>2</sub> treatment — by mid-season, cycles were out of phase, with some treatments at maximum flowering and some in cut-out, and interactions were present with N- and water-stress.

For the 1987 season (where the experimental design was again virtually the same as in 1986), Kimball et al. (1987) found that, for the N+ treatments, CO<sub>2</sub> enrichment increased seed cotton yields 25% over yields at ambient CO<sub>2</sub> for the wet treatments and 43% for the dry treatments. For the N- treatment (which, by itself at ambient CO<sub>2</sub> concentrations, significantly lowered petiole nitrate levels and reduced seed cotton 29%), seed cotton yields increased 37% in the wet treatments and 52% in the dry. The harvest index in 1987 decreased with CO<sub>2</sub> enrichment, and increased yields were mainly the result of greater flower production, not to higher boll retention. Leaf dry matter contents and specific leaf weights were increased significantly by CO<sub>2</sub> enrichment but were little affected by nitrogen or water treatments.

The findings related above for seed cotton yield are summarized for the entire experimental period in Table 3.

**Table 3.** Effect of CO<sub>2</sub> enrichment on seed cotton (lint + seed) yield, 1983–1987. Values represent percentage change from yields at ambient CO<sub>2</sub> concentration (350 µmol/mol) for the same irrigation and nitrogen fertilizer treatments.

1983	500 µmol/mol CO <sub>2</sub>		+ 29%
	650 µmol/mol CO <sub>2</sub>		+ 63%
1984		<u>Well-watered</u>	<u>Water-stress</u>
	500 µmol/mol CO <sub>2</sub>	+ 46%	+ 32%
	650 µmol/mol CO <sub>2</sub>	+ 92%	+ 77%
1985		<u>Well-watered</u>	<u>Water-stress</u>
	500 µmol/mol CO <sub>2</sub>	+ 45%	+ 64%
	650 µmol/mol CO <sub>2</sub>	+ 52%	+104%
1986		<u>Well-watered</u>	<u>Water-stress</u>
	650 µmol/mol CO <sub>2</sub>	Nitrogen added	+ 48%
		No nitrogen added	+ 70%
			+ 70%
			+ 51%
1987		<u>Well-watered</u>	<u>Water-stress</u>
	650 µmol/mol CO <sub>2</sub>	Nitrogen added	+ 25%
		No nitrogen added	+ 37%
			+ 43%
			+ 52%

## 6. APPLICATIONS OF THE DATA

These data will be useful in elucidating the possible future effects on crop production of a doubling of global atmospheric CO<sub>2</sub> concentrations and in validating crop growth models designed to predict the effects of elevated CO<sub>2</sub> on cotton growth. The data presented as part of this package are those that are likely to be useful to the largest number of users. For certain modeling applications, however, other ancillary data, such as daily weather and soil physics measurements, are essential. Individuals interested in obtaining these additional data should contact CDIAC.

## 7. LIMITATIONS AND RESTRICTIONS

In using these data to make inferences about the effect of increased atmospheric CO<sub>2</sub> concentrations on plant growth, the reader is advised to consider the constraints under which the CO<sub>2</sub> enrichment experiments were carried out. These studies considered only a single agricultural species. While the plant chosen for the experiments, cotton, is a perennial woody species, it was grown as an annual, thus precluding any long-term, multiseasonal studies. Although the enrichment experiments were carried out over five growing seasons, it is difficult to directly compare results from one season to the next. In addition, the experiments were carried out under highly controlled agricultural conditions, including the aggressive use of herbicides and insecticides. As a result, the studies do not consider community (species-species) interactions, resulting in at least two omissions: (1) competition with other plant species, most notably other crop species and weeds, and (2) predator or pollinator interactions: How does CO<sub>2</sub> enrichment (particularly through its effect on leaf carbohydrate and nitrogen levels) affect insect herbivory? and how does enrichment (through its effect on physiological development and flowering times) affect insect pollination? The studies also do not address all possible plant/soil interactions: Does litter produced from plants grown under enriched conditions become progressively depleted in nitrogen or other nutrients? and how does this affect the ecology of soil microorganisms? Finally, there exist any number of atmospheric and other factors that might accompany an increase in atmospheric CO<sub>2</sub>, such as changes in mean temperature, diurnal temperature variation, and light levels (following changes in cloud amounts), which these studies have not considered. Obviously no single experiment or series of experiments could hope to include all, or even most, possible variables. Nevertheless, the CO<sub>2</sub> enrichment experiments described in this document represent some of the broadest in scope and best controlled of any studies undertaken. Moreover, they were conducted on field-soil-grown plants exposed to near-natural weather conditions.

## 8. DATA CHECKS PERFORMED BY CDIAC

The Carbon Dioxide Information Analysis Center (CDIAC) endeavors to provide quality assurance (QA) of all data before their distribution. To ensure the highest possible quality in the data, CDIAC conducts extensive reviews for reasonableness, accuracy, completeness, and consistency of form. While having common objectives, the specific form of these reviews must be tailored to each data set; this tailoring process may involve considerable programming efforts. The entire QA process is an important part of CDIAC's effort to ensure accurate, usable CO<sub>2</sub>-related data for researchers.

For the CO<sub>2</sub> enrichment response data, the QA procedure consisted of an examination for overall consistency and reasonableness. This review revealed no errors or inconsistencies in the CO<sub>2</sub> enrichment



response data received by CDIAC. Therefore, the data distributed by CDIAC in this package is identical to those in the original files sent to CDIAC, except for the following format alterations designed to facilitate the use of these data.

1. The files selected for inclusion in the document were those designated by the authors (in the supplemental text provided in the appendix of this document) as "Measured Cotton Crop Harvest Summary Data" or "Measured Cotton Intermediate Growth Data." (Note: Other data are available upon request from CDIAC in the original IBSNAT format in which they were received.)
2. Intermediate growth data and crop harvest summary data, originally stored in separate files, were merged to present all data for a given year and treatment/site together.
3. Data for different years and treatments/sites were concatenated so as to include all data together in a single file.
4. New header material was added to clearly identify the year and treatment regimen (CO<sub>2</sub> level, irrigation treatment, and nitrogen fertilization treatment).

## 9. REFERENCES

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## 10. HOW TO OBTAIN THE PACKAGE

This document describes a data set consisting of intermediate growth and crop harvest measurements from field CO<sub>2</sub>-enrichment studies of cotton growth conducted over five consecutive growing seasons, 1983–1987. The data are available upon request on nine-track magnetic tape, on floppy diskette (IBM PC format, high- or low-density, 5.25- or 3.5-in. diskettes), or via FTP from CDIAC. Requests for magnetic tapes should include any specific instructions for transmitting the data as required by the user to access the data. Requests not accompanied by specific instructions will be filled on nine-track, 6250 BPI, standard-labeled tapes with characters written in EBCDIC (Extended Binary Codes Decimal Interchange Code) and files will be formatted as given in Section 11. Requests should be addressed to the following:

Carbon Dioxide Information Analysis Center  
Oak Ridge National Laboratory  
Post Office Box 2008  
Oak Ridge, TN 37831-6335  
U.S.A.

The transfer media and documentation may also be ordered by telephone, fax, or electronic mail.

Telephone: (615) 574-0390  
Fax: (615) 574-2232  
Electronic Mail: BITNET: CDP@ORNLSTC  
INTERNET: CDP@STC10.CTD.ORNL.GOV  
OMNET: CDIAC



**PART 2**  
**INFORMATION ABOUT THE DATA FILES**  
**PROVIDED ON MAGNETIC TAPE OR FLOPPY DISKETTE**



## 11. CONTENTS OF THE MAGNETIC TAPE OR FLOPPY DISKETTE

The following is a list of files distributed on magnetic tape or floppy diskette by CDIAC along with this documentation.

---

File number and description	Number of logical records	Record format <sup>a</sup>	Block size	Record length
1. General descriptive information file	345	FB	8000	80
2. FORTRAN IV data retrieval code to read and print the CO <sub>2</sub> enrichment response data (File 4)	42	FB	8000	80
3. SAS <sup>b</sup> input/output routine to read and print the CO <sub>2</sub> enrichment response data (File 4)	43	FB	8000	80
4. CO <sub>2</sub> enrichment response data	849	FB	8000	80
Total records	<u>1279</u>			

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<sup>a</sup> FB = fixed block.

<sup>b</sup> SAS is the registered trademark of SAS Institute, Inc., Cary, NC 27511-8000.

## 12. DESCRIPTIVE FILE ON THE TAPE/DISKETTE

The following is a listing of File 1 on the magnetic tape (or NDP037.DES on the floppy diskette) distributed by CDIAC. This file is intended to complement the documentation and provide details (i.e., variable descriptions, formats, and units) about the data file on the magnetic tape or floppy diskette.

### TITLE OF THE DATA SET

Carbon Dioxide Enrichment: Data on the Response to Cotton to Varying CO<sub>2</sub>, Irrigation, and Nitrogen.

### DATA CONTRIBUTORS

B. A. Kimball (1)	J. R. Mauney (2)	R. L. La Morte (1)
G. Guinn (2)	F. S. Nakayama (1)	J. W. Radin (2)
E. A. Lakatos (3)	S. T. Mitchell (1)	L. L. Parker (2)
G. J. Peresta (1)	P. E. Nixon III (1)	B. Savoy (2)
S. M. Harris (1)	R. MacDonald (2)	H. Pros (2)
J. Martinez (1)		

(1) U.S. Water Conservation Laboratory and (2) Western Cotton Research Laboratory  
U.S. Department of Agriculture, Agricultural Research Service  
Phoenix, Arizona

(3) Soil and Water Science Department  
University of Arizona  
Tucson, Arizona

### SOURCE AND SCOPE OF THE DATA

The data set included on this magnetic tape or floppy diskette details five season-long experiments, carried out over the period 1983–1987, examining the effects of CO<sub>2</sub> enrichment on cotton growth. Because conditions of insufficient water and nutrients are commonplace in much of the world's agriculture and in the unmanaged biosphere, these studies employed a multivariate design whereby the effects of water and nutrient stress could be examined alongside the effects of elevated CO<sub>2</sub> level on plant growth parameters. The initial experiment examined the effects of varying CO<sub>2</sub> concentration only. In the following two seasons, the interactive effects of CO<sub>2</sub> concentration and water availability were studied. In the final two seasons, the effects of the three-way interaction between CO<sub>2</sub> concentration, water availability, and nitrogen fertility were investigated. The 1983 experiment was conducted on the lysimeter field at the U.S. Water Conservation Laboratory, Phoenix, Arizona. The experiments during the four subsequent years were conducted at a site near the Western Cotton Research Laboratory, Phoenix, Arizona. At each site, a system of open-top chambers was constructed to provide a stable regime of CO<sub>2</sub> enrichment through the course of a growing season. A summary of the preparations and treatments undertaken in each of the five growing seasons is provided in Tables 2a-2d of the documentation that accompanies this tape. For detailed descriptions of the design and methodology of these experiments, the reader should



refer to the supplemental text provided in the appendix of the accompanying documentation. Further information is also provided in Kimball et al. (1983, 1984, 1985, 1986, 1987).

The data comprise three types of information: identification variables (such as year, institution and site codes, and treatment regimens), intermediate growth measurements (such as plant height, leaf area index, number of flowers, and dry weight of leaves) taken at various times during the growing season, and crop harvest results (such as lint yield, seed yield, and total aboveground dry biomass). The data selected for inclusion on this tape are those that are likely to be useful to the largest number of users. Data are also available for many other parameters, including daily weather, soil profile properties (e.g., initial soil moisture and nitrogen conditions), and irrigation and fertilizer treatments. These highly specialized data comprise a very large number of separate files and have not been included on this tape; however, these data are described in detail and presented in their entirety (in hard copy form) in the supplemental text provided in the accompanying document. These data may also be obtained in digitized form from CDIAC upon request; in addition, CDIAC can provide a FORTRAN retrieval code, developed by G. W. Wall and M. L. Reaves (U.S. Water Conservation Laboratory, Phoenix) and also described in the supplemental text, to facilitate use of the data. The file structures of these data conform to the International Benchmark Sites of Agrotechnology Transfer (IBSNAT) standards, developed in 1986 by plant growth modelers for crop model input and output files (IBSNAT 1986).

Measurements of plant physiological parameters, such as leaf temperature, stomatal resistance, and leaf water potential, are not available from CDIAC at this time. However, these data are discussed in Kimball et al. (1983, 1984, 1985, 1986, 1987).

## DATA FORMAT

Four files are provided on this magnetic tape or floppy diskette, including this descriptive file, a FORTRAN IV retrieval program, a SAS input/output routine, and a file containing the CO<sub>2</sub> enrichment response data.

Table 4 (located in the documentation that accompanies this tape) presents a partial listing of the CO<sub>2</sub> enrichment response data (File 4 on the magnetic tape or NDP037.DAT on the floppy diskette). The data file is formatted in the following way:

```
INTEGER YEAR, CO2, REP, YRCODE, EXPTNO, TRTNO, JEMRGD,
1 JSQRJD, JFLRJD, XLTYLD, XSDYLD, XBLSM, XSPB, XBIOM,
2 XSTMBR, JDOY, XPLTHT, JNNODM, JNSQRM, JNFLWM, JNGBLM,
3 JNBMLM, JNABSM, XWLEFH, XWSTMH, XWROTH, XWGBLH, XWMBLH
CHARACTER CO2COD, IRRIG, NITRO, INSTE*2, SITEE*2, DUMMY*3
REAL XLAI, XSDWT, XLAIMX
10 READ (5,400,END=900) YEAR, CO2, CO2COD, REP, IRRIG, NITRO
READ (5,500) INSTE, SITEE, YRCODE, EXPTNO, TRTNO, JEMRGD,
1 JSQRJD, JFLRJD, XLTYLD, XSDYLD, XSDWT, XBLSM, XSPB,
2 XLAIMX, XBIOM, XSTMBR
20 READ (5,600) DUMMY
IF (DUMMY.EQ.' ') THEN
GOTO 10
ELSE
BACKSPACE (5)
READ (5,800) JDOY, XPLTHT, XLAI, JNNODM, JNSQRM, JNFLWM,
1 JNGBLM, JNBMLM, JNABSM, XWLEFH, XWSTMH, XWROTH, XWGBLH,
2 XWMBLH
GOTO 20
END IF
```

```

400 FORMAT (1X,I4,2X,I3,2X,A1,2X,I1,2X,A1,2X,A1)
500 FORMAT (1X,A2,A2,I2,I2,1X,I2,1X,I3,1X,I3,1X,I3,1X,
1      I4,1X,I4,1X,F6.4,1X,I3,1X,I2,1X,F5.2,1X,I5,1X,I4)
600 FORMAT (1X,A3)
800 FORMAT (1X,I3,1X,I3,1X,F5.2,1X,I3,1X,I3,1X,I3,1X,I3,
1      1X,I3,1X,I4,1X,I4,1X,I4,1X,I4,1X,I4,1X,I5)
900 STOP

```

where

YEAR is the year of sampling of the data record being read;

CO2 is the mean daily carbon dioxide concentration ( $\mu\text{mol/mol}$ ) for the sampled plot;

CO2COD is a one-character flag code presenting additional information about the sampled plot: 'A'= chamber at ambient (i.e., nonenriched) concentration, 'N'= no chamber (i.e., open field), and 'L'= chamber containing lysimeter;

REP is the replicate number, with a value of either '1' or '2' (two replicates were included for each CO<sub>2</sub> treatment);

IRRIG is a one-character code describing the irrigation regimen, given only for years in which two levels were present: '0'= water-stressed ("dry") treatment and '1'= well-watered ("wet") treatment;

NITRO is a one-character code describing the nitrogen fertilization regimen, given only for years in which two levels were present: '0'= low nitrogen (N-) treatment and '1'= high nitrogen (N+) treatment;

INSTE is a two-character identification code describing the institution at which the cotton growth experiment was carried out; this code conforms to the IBSNAT format described on pages A-64, A-89, and A-90 of the accompanying documentation;

SITEE is a two-character identification code describing the location of the sampled plot and the experimental treatment; diagrams of the plot locations and listings of the corresponding treatments are given on pages A-19, A-22, and A-26 of the accompanying documentation;

YRCODE is the last two digits of YEAR; this code is the same as the variable YEAR in the IBSNAT format described on pages A-71, A-89, and A-90 of the accompanying documentation;

EXPTNO is the experiment number, which conforms to the IBSNAT format described on pages A-63, A-89, and A-90 of the accompanying documentation;

TRTNO is the treatment number, which conforms to the IBSNAT format described on pages A-69, A-89, and A-90 of the accompanying documentation;

JEMRGD	is the day of year (Julian) at which 50% of the plants in the field emerged from the soil;
JSQRJD	is the day of year (Julian) at which 50% of the plants in the field displayed their first square;
JFLRJD	is the day of year (Julian) at which 50% of the plants in the field displayed their first flower;
XLTYLD	is the actual field-measured lint yield (dry weight basis, kg/ha), which is the yield attainable by hand harvesting;
XSDYLD	is the actual field-measured seed yield (dry weight basis, kg/ha);
XSDWT	is the measured seed dry weight (g/seed);
XBLSM	is the field-measured boll number (bolls/m <sup>2</sup> );
XSPB	is the field-measured number of seeds per boll;
XLAIMX	is the maximum leaf area index attained during the season (m <sup>2</sup> /m <sup>2</sup> );
XBIOM	is the field-measured aboveground dry biomass at maturity (kg/ha);
XSTMBR	is the field-measured stem plus burr weight at maturity (kg/ha);
JDOY	is the day of year (Julian) on which the intermediate growth measurements on the remainder of the line were made;
XPLTHT	is the plant height (cm);
XLAI	is the leaf area index (m <sup>2</sup> /m <sup>2</sup> );
JNNODM	is the number of nodes per square meter;
JNSQRM	is the number of squares per square meter;
JNFLWM	is the number of flowers per square meter;
JNGBLM	is the number of green bolls per square meter;
JNMBLM	is the number of open mature bolls per square meter;
JNABSM	is the number of abscised sites per square meter;
XWLEFH	is the dry leaf weight (kg/ha);
XWSTMH	is the dry stem weight (kg/ha);

XWROTH is the dry root weight (kg/ha);  
 XWGBLH is the dry green boll weight (kg/ha);  
 XWMBLH is the dry mature boll weight (kg/ha);

Stated in tabular form, the contents include the following.

Variable <sup>a</sup>	Variable type	Variable width	Line <sup>b</sup>	Starting column	Ending column
YEAR	Numeric	I4	1	2	5
CO2	Numeric	I3	1	8	10
CO2COD	Character	A1	1	13	13
REP	Numeric	I1	1	16	16
IRRIG	Character	A1	1	19	19
NITRO	Character	A1	1	22	22
INSTE	Character	A2	2	2	3
SITEE	Character	A2	2	4	5
YRCODE	Numeric	I2	2	6	7
EXPTNO	Numeric	I2	2	8	9
TRTNO	Numeric	I2	2	11	12
JEMRGD	Numeric	I3	2	14	16
JSQRJD	Numeric	I3	2	18	20
JFLRJD	Numeric	I3	2	22	24
XLTYLD	Numeric	I4	2	26	29
XSDYLD	Numeric	I4	2	31	34
XSDWT	Numeric	F6.4	2	36	41
XBLSM	Numeric	I3	2	43	45
XSPB	Numeric	I2	2	47	48
XLAIMX	Numeric	F5.2	2	50	54
XBIOM	Numeric	I5	2	56	60
XSTMBR	Numeric	I4	2	62	65
JDOY	Numeric	I3	3...n	2	4
XPLTHT	Numeric	I3	3...n	6	8
XLAI	Numeric	F5.2	3...n	10	14
JNNODM	Numeric	I3	3...n	16	18
JNSQRM	Numeric	I3	3...n	20	22
JNFLWM	Numeric	I3	3...n	24	26
JNGBLM	Numeric	I3	3...n	28	30
JNMBLM	Numeric	I3	3...n	32	34
JNABSM	Numeric	I4	3...n	36	39
XWLEFH	Numeric	I4	3...n	41	44
XWSTMH	Numeric	I4	3...n	46	49
XWROTH	Numeric	I4	3...n	51	54
XWGBLH	Numeric	I4	3...n	56	59
XWMBLH	Numeric	I5	3...n	61	65

<sup>a</sup> Missing values for integer variables are represented by -9. Missing values for real variables are represented by -9.0, -9.00, etc., according to the format of each variable.

<sup>b</sup> Line numbers refer to positions within a given data block, containing data for a given year, site, and treatment regimen.

Table 4. Partial listing of the CO<sub>2</sub> enrichment response data  
(as formatted in File 4 on the magnetic tape or  
NDP037.DAT on the floppy diskette)

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1983 350 N 1													
PX4A83	1	1	164	199	230	600	1200	0.0787	68	22	4.00	6880	-9
199	10	0.18	73	10	0	0	0	0	113	40	-9	0	0
206	13	0.20	83	3	0	0	0	0	100	38	-9	0	0
213	27	1.01	130	123	1	0	0	0	491	319	-9	0	0
220	47	1.95	153	203	2	3	0	40	960	863	-9	0	0
234	66	3.02	190	213	8	27	0	63	1392	1305	-9	173	0
249	93	3.97	220	167	5	97	0	133	2209	2891	-9	1024	0
299	81	-9.00	199	-9	-9	3	68	-9	-9	-9	480	90	2650
1983 350 N 2													
PX2C83	1	1	164	199	230	500	1100	0.0711	63	21	4.30	7600	-9
199	17	0.39	103	47	0	0	0	0	233	99	-9	0	0
206	38	1.17	137	133	0	0	0	37	600	423	-9	0	0
213	42	1.74	167	230	1	0	0	57	962	775	-9	0	0
220	54	2.44	170	250	4	10	0	37	1163	1124	-9	0	0
234	71	4.32	207	337	5	107	0	147	2026	2241	-9	1281	0
249	87	3.63	250	123	3	110	0	190	1709	2930	-9	2040	0
299	85	-9.00	235	-9	-9	10	63	-9	-9	-9	630	250	2380
1983 350 A 1													
PX4B83	1	1	164	199	232	1040	1600	0.0762	84	22	6.10	8680	-9
199	18	0.36	107	20	0	0	0	0	169	76	-9	0	0
206	21	0.36	113	7	0	0	0	20	162	87	-9	0	0
213	43	1.22	150	280	0	0	0	57	609	524	-9	0	0
220	77	3.86	207	387	1	3	0	63	1425	1663	-9	0	0
234	91	4.69	237	380	6	23	0	80	2324	2502	-9	79	0
249	117	6.06	257	247	6	110	0	97	2477	3481	-9	1063	0
299	93	-9.00	248	-9	-9	39	353	-9	-9	-9	810	390	3530
1983 350 A 2													
PX3C83	1	1	164	199	232	1020	1540	0.0790	80	20	4.40	8760	-9
199	11	0.18	80	10	0	0	0	0	103	39	-9	0	0
206	19	0.56	120	40	0	0	0	10	259	125	-9	0	0
213	28	0.93	150	53	1	0	0	40	461	269	-9	0	0
220	36	1.28	170	130	1	7	0	17	606	489	-9	0	0
234	72	4.39	217	343	5	57	0	87	2007	2264	-9	277	0
249	88	3.42	223	247	6	63	0	77	1517	1896	-9	352	0
299	81	-9.00	257	167	-9	20	80	-9	-9	-9	570	680	3430
1983 350 L 1													
PX4L83	1	1	164	192	227	920	1540	0.0923	74	16	-9.00	10520	-9
1983 500 1													
PX3B83	1	1	164	195	227	1670	2640	0.0864	123	22	8.50	13460	-9
199	20	0.59	113	50	0	0	0	3	343	158	-9	0	0
206	33	0.66	120	37	0	0	0	10	301	215	-9	0	0
213	57	1.97	163	190	1	0	0	50	1042	978	-9	0	0
220	70	4.36	187	483	3	23	0	57	1877	2692	-9	0	0
234	109	6.10	237	420	7	70	0	117	2693	3861	-9	154	0
249	108	8.52	243	193	7	167	0	227	4223	6357	-9	2077	0
299	99	-9.00	233	-9	-9	19	123	-9	-9	-9	1130	710	5680
1983 500 2													
PX4C83	1	1	164	195	227	1010	1500	0.0857	70	27	4.60	8340	-9
199	18	0.34	90	33	0	0	0	0	206	98	-9	0	0
206	32	0.88	123	73	0	0	0	17	357	225	-9	0	0
213	40	1.37	140	177	0	3	0	43	746	632	-9	0	0
220	57	2.66	177	373	1	20	0	80	1352	1525	-9	0	0
234	80	4.63	223	450	8	127	0	53	2442	3014	-9	715	0
249	127	4.52	257	167	7	290	0	420	2414	3753	-9	5099	0
299	82	-9.00	220	-9	-9	28	70	-9	-9	-9	630	940	3380

---

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- Kimball, B. A., J. R. Mauney, D. H. Akey, D. L. Hendrix, S. G. Allen, S. B. Idso, J. W. Radin, and E. A. Lakatos. 1987. Effects of Increasing Atmospheric CO<sub>2</sub> on the Growth, Water Relations, and Physiology of Plants Grown under Optimal and Limiting Levels of Water and Nitrogen. No. 049, Response of Vegetation to Carbon Dioxide, U.S. Department of Energy, Carbon Dioxide Research Division, and the U.S. Department of Agriculture, Agricultural Research Service, Washington, D.C. 124 pp.

### 13. LISTING OF THE FORTRAN IV DATA RETRIEVAL PROGRAM

The following is a listing of the FORTRAN IV data retrieval program (File 2 on magnetic tape or NDP037.FOR on floppy diskette) provided by CDIAC to read and print the CO<sub>2</sub> enrichment response data (File 4 on magnetic tape or NDP037.DAT on floppy diskette). The job control language (JCL) statements (preceded by // or /\*) shown below are not provided in the file on the tape/diskette; requestors must add JCL statements themselves if required. The statements required will vary for each operating system. The JCL statements shown below are provided to illustrate the statements that an individual using an IBM mainframe (e.g., IBM 3090) at ORNL would need to read these data from a nine-track, 6250 BPI, standard-labeled tape with characters written in EBCDIC.

```
//UIDCO2 JOB(12345),'USER ADDRESS'
//OUT OUTPUT DEFAULT=YES,JESDS=ALL,DEST=LOCAL
//EXEC FORTVCLG
//FORT.SYSIN DD *

C*****
C A FORTRAN program to read and print the intermediate growth
C and crop harvest data for the 1983-1987 cotton growth
C experiments.
C*****
      INTEGER YEAR, CO2, REP, YRCODE, EXPTNO, TRTNO, JEMRGD,
1 JSQRJD, JFLRJD, XLTYLD, XSDYLD, XBLSM, XSPB, XBIOM,
2 XSTMBR, JDOY, XPLTHT, JNNODM, JNSQRM, JNFLWM, JNGBLM,
3 JNMBLM, JNABSM, XWLEFH, XWSTMH, XWROTH, XWGBLH, XWMBLH
      CHARACTER CO2COD, IRRIG, NITRO, INSTE*2, SITEE*2, DUMMY*3
      REAL XLAI, XSDWT, XLAIMX
10 READ (5,400,END=900) YEAR, CO2, CO2COD, REP, IRRIG, NITRO
      WRITE (6,400) YEAR, CO2, CO2COD, REP, IRRIG, NITRO
      READ (5,500) INSTE, SITEE, YRCODE, EXPTNO, TRTNO, JEMRGD,
1 JSQRJD, JFLRJD, XLTYLD, XSDYLD, XSDWT, XBLSM, XSPB,
2 XLAIMX, XBIOM, XSTMBR
      WRITE (6,500) INSTE, SITEE, YRCODE, EXPTNO, TRTNO, JEMRGD,
1 JSQRJD, JFLRJD, XLTYLD, XSDYLD, XSDWT, XBLSM, XSPB,
2 XLAIMX, XBIOM, XSTMBR
20 READ (5,600) DUMMY
      IF (DUMMY.EQ.' ') THEN
          WRITE (6,700)
          GOTO 10
      ELSE
          BACKSPACE (5)
          READ (5,800) JDOY, XPLTHT, XLAI, JNNODM, JNSQRM, JNFLWM,
1 JNGBLM, JNMBLM, JNABSM, XWLEFH, XWSTMH, XWROTH, XWGBLH,
2 XWMBLH
          WRITE (6,800) JDOY, XPLTHT, XLAI, JNNODM, JNSQRM, JNFLWM,
1 JNGBLM, JNMBLM, JNABSM, XWLEFH, XWSTMH, XWROTH, XWGBLH,
2 XWMBLH
          GOTO 20
      END IF
400 FORMAT (1X,I4,2X,I3,2X,A1,2X,I1,2X,A1,2X,A1)
500 FORMAT (1X,A2,A2,I2,I2,1X,I2,1X,I3,1X,I3,1X,I3,1X,
1 I4,1X,I4,1X,F6.4,1X,I3,1X,I2,1X,F5.2,1X,I5,1X,I4)
600 FORMAT (1X,A3)
700 FORMAT (' ')
800 FORMAT (1X,I3,1X,I3,1X,F5.2,1X,I3,1X,I3,1X,I3,1X,I3,
1 1X,I3,1X,I4,1X,I4,1X,I4,1X,I4,1X,I4,1X,I5)
900 STOP
      END

/*
//GO.FT05F001 DD UNIT=TAPE62,VOL=SHR=TAPEVOL,DISP=(,PASS),
// LABEL=(4,SL,RETPD=0),
// DSN=TAB.NDP037.DATA
//GO.FT06F001 DD *
//
```

## 14. LISTING OF THE SAS INPUT/OUTPUT RETRIEVAL PROGRAM

The following is a listing of the SAS<sup>\*</sup> data retrieval program (File 3 on magnetic tape or NDP037.SAS on floppy diskette) provided by CDIAAC to read and print the CO<sub>2</sub> enrichment response data (File 4 on magnetic tape or NDP037.DAT on floppy diskette). The job control language (JCL) statements (preceded by // or /\*) shown below are not provided in the file on the tape/diskette; requestors must add JCL statements themselves if required. The statements required will vary for each operating system. The JCL statements shown below are provided to illustrate the statements that an individual using an IBM mainframe (e.g., IBM 3090) at ORNL would need to read these data from a nine-track, 6250 BPI, standard-labeled tape with characters written in EBCDIC.

```
//UIDCO2 JOB (12345), 'USER ADDRESS'
//OUT OUTPUT DEFAULT=YES, JESDS=ALL, DEST=LOCAL
//STEP1 EXEC SAS, SASRGN=4096K, WORK=1600
//IN DD UNIT=TAPE62, VOL=SER=TAPEVOL, DISP=(, PASS),
// DSN=TAB.NDP037.DATA, LABEL=(4, SL, RETPD=0)
//FT06F001 DD SYSOUT=A
//SYSIN DD *

* A SAS program to read and print the intermediate growth and
  crop harvest data for the 1983-1987 cotton growth
  experiments;
DATA NDP037(DROP=X Y Z);
  INFILE IN;
  INPUT X $ 4 Y $ 5 Z $ 6 @;
  IF X EQ ' ' THEN DO;
    INPUT;
    RECCODE=4;
  END;
  ELSE IF Y EQ ' ' THEN DO;
    INPUT JDOY 2-4 XPLTHT 6-8 @10 XLAI 5.2 JNNODM 16-18 JNSQRM 20-22
      JNFLWM 24-26 JNGBLM 28-30 JNMBLM 32-34 JNABSM 36-39 XWLEFH 41-44
      XWSTMH 46-49 XWROTH 51-54 XWGBLH 56-59 XWMBLH 61-65;
    RECCODE=3;
  END;
  ELSE IF Z EQ ' ' THEN DO;
    INPUT YEAR 2-5 CO2 8-10 CO2COD $ 13 REP 16 IRRIG $ 19 NITRO $ 22;
    RECCODE=1;
  END;
  ELSE DO;
    INPUT INSTE $ 2-3 SITEE $ 4-5 YRCODE 6-7 EXPTNO 8-9 TRTNO 11-12
      JEMRGD 14-16 JSQRJD 18-20 JFLRJD 22-24 XLTYLD 26-29 XSDYLD 31-34
      @36 XSDWT 6.4 XBLSM 43-45 XSPB 47-48 @50 XLAIMX 5.2 XBIOM 56-60
      XSTMBR 62-65;
    RECCODE=2;
  END;
DATA PRINT;
  SET NDP037;
  FILE PRINT;
  OPTIONS MISSING=' ';
  IF RECCODE=1 THEN
    PUT YEAR 2-5 CO2 8-10 CO2COD 13 REP 16 IRRIG 19 NITRO 22;
  ELSE IF RECCODE=2 THEN
    PUT INSTE 2-3 SITEE 4-5 YRCODE 6-7 EXPTNO 8-9 TRTNO 11-12
      JEMRGD 14-16 JSQRJD 18-20 JFLRJD 22-24 XLTYLD 26-29 XSDYLD 31-34
      @36 XSDWT 6.4 XBLSM 43-45 XSPB 47-48 @50 XLAIMX 5.2 XBIOM 56-60
      XSTMBR 62-65;
  ELSE IF RECCODE=3 THEN
    PUT JDOY 2-4 XPLTHT 6-8 @10 XLAI 5.2 JNNODM 16-18 JNSQRM 20-22
      JNFLWM 24-26 JNGBLM 28-30 JNMBLM 32-34 JNABSM 36-39 XWLEFH 41-44
      XWSTMH 46-49 XWROTH 51-54 XWGBLH 56-59 XWMBLH 61-65;
  ELSE IF RECCODE=4 THEN PUT ' ' ' ';
RUN;
/*
//
```

\*SAS is the registered trademark of SAS Institute, Inc., Cary, NC 27511-8000.



## 15. VERIFICATION OF DATA TRANSPORT

The CO<sub>2</sub> enrichment response data can be read by using the FORTRAN or SAS input/output routines provided. Users should verify that the data file has been correctly transported to their systems by generating some or all of the statistics presented in Table 5. These statistics were generated in SAS (PROC MEANS) but can be duplicated in other statistical packages or languages. If the statistics generated by the user differ from those presented here, the data file may have been corrupted in transport.

These statistics are presented only as a tool to ensure proper reading of the data file. They are not to be construed as summarizing the CO<sub>2</sub> enrichment response data.

Table 5. Characteristics of some numeric variables in the CO<sub>2</sub> enrichment response data file

Variable	Number of observations	Mean	Minimum value	Maximum value
YEAR	75	1985.133	1983.000	1987.000
REP	75	1.480	1.000	2.000
YRCODE	75	85.133	83.000	87.000
XSTMBR	75	1348.773	-9.000	8100.000
XPLTHT	624	47.705	-9.000	136.000
XWMBLH	624	945.739	0.000	10531.000

The following is a listing of the SAS\* program used to generate the statistics described in Table 5.

```

DATA SUMSTATS;
  INFILE IN;
  INPUT X $ 4 Y $ 5 Z $ 6 @;
  IF X EQ ' ' THEN
    INPUT;
  ELSE IF Y EQ ' ' THEN
    INPUT JDOY 2-4 XPLTHT 6-8 @10 XLAI 5.2 JNNODM 16-18 JNSQRM 20-22
      JNFLWM 24-26 JNGBLM 28-30 JNMBLM 32-34 JNABSM 36-39 XWLEFH 41-44
      XWSTMH 46-49 XWROTH 51-54 XWGBLH 56-59 XWMBLH 61-65;
  ELSE IF Z EQ ' ' THEN
    INPUT YEAR 2-5 CO2 8-10 CO2COD $ 13 REP 16
      IRRIG $ 19 NITRO $ 22;
  ELSE
    INPUT INSTE $ 2-3 SITEE $ 4-5 YRCODE 6-7 EXPTNO 8-9
      TRTNO 11-12 JEMRGD 14-16 JSQRJD 18-20 JFLRJD 22-24
      XLTYLD 26-29 XSDYLD 31-34 @36 XSDWT 6.4 XBLSM
      43-45 XSPB 47-48 @50 XLAIMX 5.2 XBIOM 56-60
      XSTMBR 62-65;
PROC MEANS MAXDEC=3 DATA=SUMSTATS;
  VAR YEAR REP YRCODE XSTMBR XPLTHT XWMBLH;
RUN;

```

\*SAS is the registered trademark of SAS Institute, Inc., Cary, NC 27511-8000

**APPENDIX**  
**SUPPLEMENTAL TEXT**



RESPONSE OF COTTON TO VARYING CO<sub>2</sub>, IRRIGATION, AND NITROGEN:  
DATA FOR GROWTH MODEL VALIDATION

by

B. A. Kimball<sup>1</sup>, J. R. Mauney<sup>2</sup>, R. L. La Morte<sup>1</sup>, G. Guinn<sup>2</sup>,  
F. S. Nakayama<sup>1</sup>, J. W. Radin<sup>2</sup>, E. A. Lakatos<sup>3</sup>, G. W. Wall<sup>1</sup>,  
S. T. Mitchell<sup>1</sup>, L. L. Parker<sup>2</sup>, G. J. Peresta<sup>1</sup>,  
P. E. Nixon II<sup>1</sup>, B. Savoy<sup>2</sup>, S. M. Harris<sup>1</sup>,  
R. MacDonald<sup>2</sup>, H. Pros<sup>2</sup>, J. Martinez<sup>1</sup>,  
and M. L. Reaves<sup>1</sup>

Contribution from the

<sup>1</sup>U. S. Water Conservation Laboratory

and the

<sup>2</sup>Western Cotton Research Laboratory  
USDA, Agricultural Research Service  
Phoenix, Arizona

and the

<sup>3</sup>Soil and Water Science Department  
University of Arizona  
Tucson, Arizona

Supported in part by the U. S. Department of Energy,  
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Carbon Dioxide Information Analysis Center  
Oak Ridge National Laboratory  
Oak Ridge, Tennessee

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## ABSTRACT

The CO<sub>2</sub> concentration of the atmosphere is increasing and is expected to double sometime near the middle of the next century. To determine the effects of such a CO<sub>2</sub> increase on cotton growth and productivity, a series of experiments from 1983 through 1987 were conducted using open-top CO<sub>2</sub>-enriched field chambers at ample as well as limiting levels of water and nitrogen. Seventy-two plot-years' worth of growth data were taken along with measurements of weather and other ancillary environmental parameters. The experiments produced 25 to 104% increases in seed cotton production. However, in addition to experimental observation of the effects of CO<sub>2</sub>, an important goal of the overall program is to develop crop growth models which possess the capability to predict the effects of future elevated CO<sub>2</sub> concentration (and any associated climate change) on cotton growth. Validation of such models requires intermediate and final yield observations as well as ancillary weather and soil data like were taken in these experiments. Therefore these data were assembled in this comprehensive report following the "IBSNAT" standards for file structure and format as closely as possible. The data are planned to be made available on diskette upon request from the authors.





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## INTRODUCTION

To determine the effects of the increasing atmospheric CO<sub>2</sub> concentration on the growth and water use of crops, especially cotton, the U. S. Water Conservation Laboratory and the Western Cotton Research Laboratory, Phoenix, Arizona, have cooperatively conducted a series of experiments from 1983 through 1987 (Kimball et al., 1983, 1984, 1985, 1986, 1987). Using the open-top chamber approach, plots of cotton growing in field soil were exposed to season-long CO<sub>2</sub> concentrations of ambient (about 350 μmol/mol), 500, and 650 μmol/mol CO<sub>2</sub>. Some of the experiments imposed stress levels of water and nitrogen along with optimal levels of these two variables. The experiments have provided a wealth of information about the response of cotton to elevated CO<sub>2</sub> with yield increases from 50-100%, as described in the previous reports. However, the ancillary weather data and intermediate growth data were not included in those reports, and therefore, it is the objective of this report to present a compilation of all these data in formats suitable for validating cotton growth models. It is planned to make the data available on diskettes (MS DOS text files) upon request to the authors.

## METHODS AND MATERIALS

Many details of the methodology were presented in the previous reports (Kimball et al., 1983, 1984, 1985, 1986, 1987), and many of cultural parameters, such as plant population, are in the data tables at the end of this report, so this section will present a brief overview of the experiments.

### Experimental Designs, Treatments, and Initial Soil Conditions

1983 experiment. The first experiment was conducted in 1983 on the lysimeter field at the U. S. Water Conservation Laboratory, Phoenix, Arizona, where the soil is Avondale clay loam (Fine-loamy, mixed (calcareous), hyperthermic, Anthropic Torrifluvent). As shown by the plot plan in Fig. 1, eight plots were used that included 2 reps of each

of the following CO<sub>2</sub> treatments: open field with no chamber, ambient CO<sub>2</sub> chamber, 500 μmol/mol CO<sub>2</sub>, and 650 μmol/mol CO<sub>2</sub>. Three of the chambers were around the lysimeters, each at a different CO<sub>2</sub> level. While the plants within each of these chambers experienced the same aerial environment, the plants inside the 1-m-square lysimeters experienced a somewhat different soil environment than those outside (but within the 3-m-square open-top CO<sub>2</sub> enrichment chamber), so the soil profile and plant harvest data were kept mostly separate for the lysimeters. However, there were no intermediate harvest data for the lysimeter plants and the intermediate flower count data included blossoms from both inside and outside the lysimeters.

The cotton experiment followed a winter wheat experiment which delayed planting until later than normal for cotton in the Phoenix area. Therefore, Deltapine-70, a relatively short season variety was selected for the this experiment. The field was preirrigated on 1-3 June 1983, fertilized with 124 kg/ha of N as urea on 6 June, rototilled on 8 June, and planted on flat beds on 8 June. There were some emergence problems due to crust formation. Hand-operated rotowheel cultivators were used to break the crust on 13 June, and new seeds were planted in the gaps and covered with a mulch of vermiculite. A satisfactory stand was achieved and thinned to 10 plants per m or 102,000 plants per ha (1.02 m row spacing), which was the plant population used in all the experiments. Erection of the open-top CO<sub>2</sub> enrichment chambers began immediately after planting and was mostly completed by 10 June. After the stand establishment stage, the crop was flood irrigated on a 2 week schedule, which is the standard practice in the area. Temik<sup>1</sup> insecticide was applied in a band beside the rows at planting time, and insects were not a problem until September. At that time petri dishes of Vapona were placed in the blower boxes and allowed to evaporate. No additional insecticides were applied to the open field plots.

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<sup>1</sup> Trade names and company names are included for the benefit of the reader and do not imply any endorsement or preferential treatment of the product listed by the authors, the U. S. Department of Agriculture, or the U. S. Department of Energy.

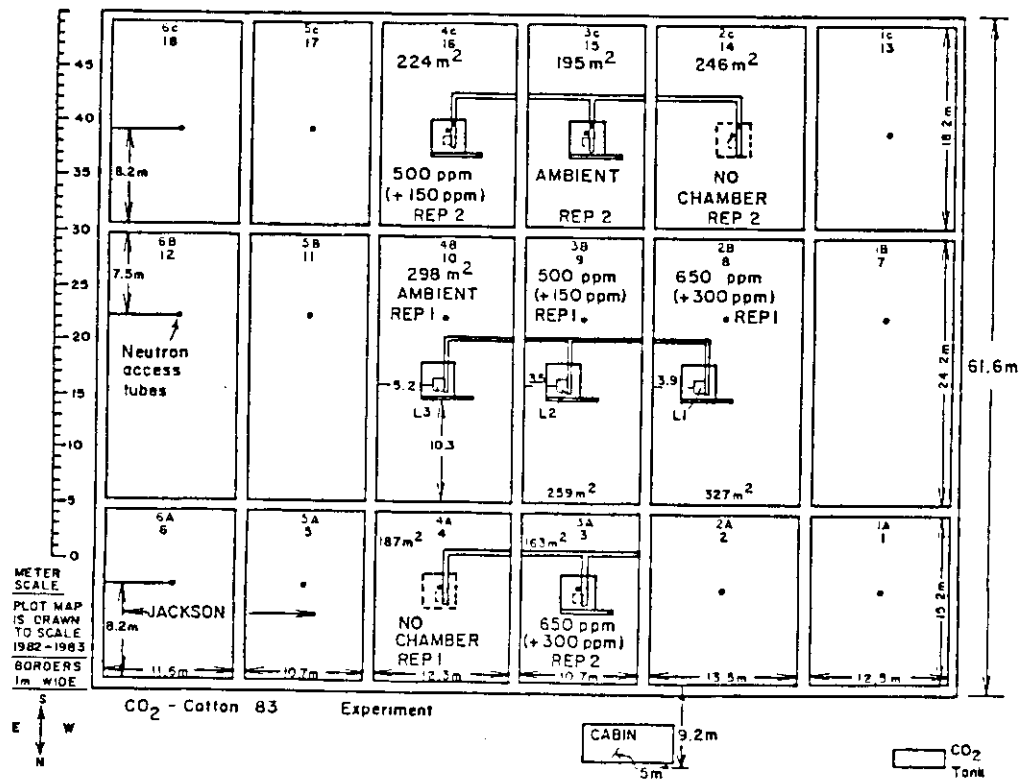


Figure 1. Plot plan for the CO<sub>2</sub>-cotton 1983 experiment on the lysimeter field at the U.S. Water Conservation Laboratory, Phoenix, AZ, showing 2 reps (1 and 2) of open-field (no chamber), ambient chamber, 500 ppm ( $\mu\text{mol mol}^{-1}$ ) and 650 ppm ( $\mu\text{mol mol}^{-1}$ ) CO<sub>2</sub> treatments.

The amount of above-ground biomass produced by the previous wheat crop averaged for all plots was 14400 kg/ha (P. J. Pinter, Jr., Personal Communication). Assuming that about 5% of this remained on the field as stubble, then the amount of organic residue was about 720 kg/ha, and it was incorporated to roughly a depth of 10 cm by rototilling. It was further assumed that the amount of root residue was about 10% of the above figure or 1440 kg/ha. The carbon to nitrogen ratio (C:N) was assumed to have been about 80, based on a value for oat straw from Thompson (1957). The initial soil water content profile on the day of planting (8 June) was not measured, so an estimate was made. At the end of the wheat experiment, the soil was very dry, so it was assumed that the 100 mm irrigation on 2 June wet the soil to a water content of about  $0.28 \text{ m}^3/\text{m}^3$  down to a depth of about 70 cm, and then further drying occurred near the soil surface. The irrigation efficiency was assumed to be 95% for all the experiments on the basis that we had small plots with little water loss, but an estimate of 100% would be too high because some water was lost to evaporation during the irrigation and because there are always inefficiencies associated with soil inhomogeneity. The initial soil ammonium content was assumed to be zero in 1983 and all other years because experience has shown ammonium contents in Arizona soils to be very low (Paul Eberhart, IAS Laboratories, Phoenix, Arizona, Personal communication), presumably because nitrification is rapid at our temperatures (Soil Improvement Committee, 1985). Soil nutrient levels were not intended to be a factor in 1983, so initial nitrate concentrations were not measured. Lacking better information, they were assumed to be similar to those measured at the beginning of the 1986 experiment, as described later.

1984 experiment. In 1984 the experiment moved to the field just west of the Western Cotton Research Laboratory, Phoenix, Arizona. The soil there is the same type as that of the lysimeter field at the U. S. Water Conservation Laboratory used in 1983. However, during the course of installing neutron access tubes, it was discovered that a gravel layer existed at a depth of greater than 1.6 m south end of the field but gradually at shallower depths to about 1.0 m where the northernmost chambers were erected.

The size of the experiment doubled from 1983 to 1984 with the inclusion of a water stress treatment, in addition to the well-watered treatment used in 1983. Otherwise, the experiment was basically the same with CO<sub>2</sub> treatments of open-field, ambient-chamber, 500 μmol/mol, and 650 μmol/mol and 2 replicates of each CO<sub>2</sub>-irrigation treatment combination. A plot plan is shown in Fig. 2.

Alfalfa had previously been grown on the field for about three years. The field was plowed and furrowed on 16 March 1984 and a preplant herbicide, Karmex, was applied on 23 March. It was pre-irrigated with 230 mm of water on 27 March. Urea fertilizer was applied at a rate of 75 kg/ha on 5 April, and then the field was tilled with a lister hoe. The field was planted to Deltapine-61 cotton on 16 April 1984, which is a longer season variety than used in 1983 and which also was used in the subsequent experiments in 1985, 1986, and 1987. The cotton was planted in north-south rows at 40-in. (1.02 m) row spacing, on ridges with furrows in between, as commonly used for flood-irrigated cotton in Arizona. Following normal practice to combat soil crusting, the tops of the ridges were knocked off on 20 April, which was about 2 days after germination, but just prior to emergence. The stand was thinned to 100,000 plants/ha, and a few gaps in the stand were filled with transplants.

The well-watered ("wet") plots were flood irrigated on a 2 week schedule in 1984, as is common practice for the area. The water-stress ("dry") plots, on the other hand, were irrigated on a 3 week schedule. Unfortunately, unusually heavy rains upset the irrigation schedules, so the dry treatment was not stressed as often or as severely as planned.

One evening per week from 11 June until 6 August 1984, Vapona in shallow dishes with a napkin wick was placed in the blower cabinets for insect control. This procedure distributed the insecticide throughout the chamber plant canopies, but the outside plants did not receive the treatment. Other insecticide treatments included spraying chambers IID2 and IID1 with Kelthane for red spiders on 18 June. Temik was applied to all chambers on 20 June. Sevin a 2 kg/ha and Kelthane a 1 kg/ha were sprayed on the cotton on 24 July. Some visible damage occurred so some of its upper leaves. In addition to the preplant application, urea was

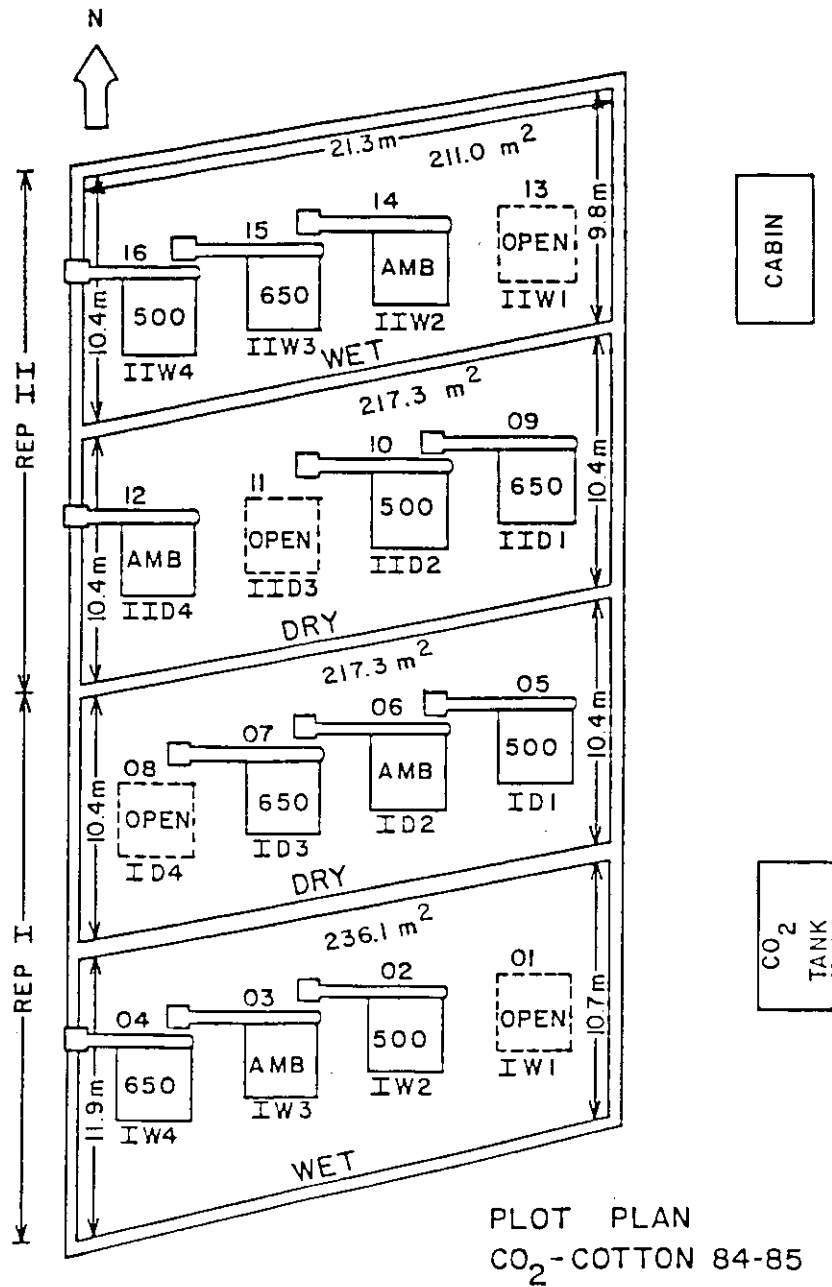


Figure 2. Plot plan for the CO<sub>2</sub>-cotton experiments in 1984 and 1985 showing 2 reps (I and II) of well-watered (wet) and water-stressed (dry) irrigation levels and of open-field, ambient chamber, 500  $\mu\text{mol mol}^{-1}$ , and 650  $\mu\text{mol mol}^{-1}$  CO<sub>2</sub> treatments.



broadcast on 11 June at 75 kg N/ha. Petiole nitrate concentrations were typical of a well-fertilized crop (Kimball et al., 1984).

The amount of "straw" or above-ground residue from the previous alfalfa crop was estimated to be 900 kg/ha by using a figure of 17900 kg/ha (8 ton/acre; Soil Improvement Committee, 1985) for the biomass yield and assuming about 5% left as stubble. It was incorporated to a depth of about 20 cm by a disk plow. The root residue was assumed to be about 20% (3600 kg/ha) of the above figure since the alfalfa was actively growing. Again using a datum from Thompson (1957), the C:N ratio was taken as 13. The initial water content profile on the day of planting (16 April) was estimated from measurements (neutron scattering apparatus) on 2 May adding a guess for the evaporation since the large irrigation on 27 March. Again, initial nitrate was not measured so the 1986 data (discussed later) were taken multiplied by 1.5 since it was following an alfalfa crop.

1985 experiment. In 1985 the same experiment as 1984 was repeated with the same plot plan (Fig. 2). One major change from 1984 was the installation of a drip irrigation system to obtain greater control of the water-stress treatment. The system also permitted more control of the well-watered treatment, which enabled a more precise definition of the amount of water to apply to the well-watered treatment. Following the work of several researchers, as reviewed by Rosenberg et al. (1983, p. 225), the ratio of actual to potential evaporation appears to vary with the square root of the leaf area index, reaching a value of 1.0 at a LAI of about 3.0, and then remaining at about 1.0 for higher LAI. However, it also appears that a straight line relationship would not introduce much error, since this was to be just a guide anyway, so the well-watered ("wet") plots were irrigated weekly with an amount of water determined by the formula:

$$\text{irrigation amount} = \text{pan evaporation} \times (\text{LAI}/3)$$

where LAI is the leaf area index projected for the week from prior destructive plant harvests, up to a LAI of 3.0. Above 3.0, the irrigation amount was the pan evaporation amount of the previous week.

To be sure the application amount was adequate, the largest LAI was used, which generally was that of one of the 650  $\mu\text{mol/mol}$   $\text{CO}_2$  plots. The pan evaporation was measured with a Class A pan located beside the field. This same irrigation system and application strategy were also used in 1986 and 1987.

Following the 1984 harvest, the remaining cotton plants were pulled out of the soil with as many roots attached as possible. The plastic walls and distribution tubes were removed from the chambers, but the posts and most of the other equipment was left in the field. The plots were rototilled on 23 and 24 January 1985. The soil was raked into beds for each row, but they were lower than the usual ridges used for furrow irrigation. The cotton was planted into dry soil on 9 April and then irrigated on 11 April with 50 mm of water. Most of the cotton emerged on 16 April. The seedlings showed some signs of water stress, as the soil surface dried, so additional irrigations of about 25 mm each were applied on 22, 24, and 25 April to both wet and dry plots. Transplants were used to fill gaps, and the plots were thinned to 100,000 plants/ha on 13 and 21 May. The  $\text{CO}_2$  treatments started on 2 May when the cotton was beginning to display the first true leaf, and differential irrigation treatments began on 24 May.

Nitrogen fertilizer was applied as urea through the drip irrigation system. Using a commercial water-pressure-driven suction device, a concentrated stock solution was injected into the irrigation water about half-way through each irrigation, so that unfertilized water ran through the system before and after each injection. The total amount applied was 183 kg/ha, and petiole nitrate-N analyses did not reveal any concentrations below normal for a healthy crop.

Insects were a problem in 1985, much more so than the prior two years, and numerous applications of insecticides were applied, as tabulated by Kimball et al. (1985). While these applications were only partially effective in control of white flies, in terms of reducing insect populations to inconspicuous numbers, the damage to the cotton plants did not appear to be significant.

The above-ground residue from the previous cotton crop was zero since the plants had been pulled out by the roots and the plots were in

the exact same positions. On the presumption, however, that perhaps 50% of the root mass remained in the soil as fine roots, the root residue was estimated at 1440 kg/ha, the average amount root biomass pulled from soil with the previous crop (Kimball et al., 1984). The C:N ratio was estimated to be 30 from the presumption that the root tissue was predominantly carbohydrate (CH<sub>2</sub>O) with a carbon content of 400 g/kg and from the experience of Radin (J. W. Radin, Personal communication) that the nitrogen content of cotton stems is typically about 13.5 g/kg. The soil was very dry at planting time with no pre-irrigation, so the initial water content profile was taken to be close to the 1.5 MPa water content and even drier near the surface. The initial nitrate concentrations were not measured but were assumed to be similar to those measured in 1986, as discussed below.

1986 experiment. Starting in 1986, the three-way interaction between increased CO<sub>2</sub> concentration, water stress, and nitrogen deficiency was investigated. As shown by the plot plan in Fig. 3, There were two levels of CO<sub>2</sub>, ambient ("amb" or "C-") and 650 μmol/mol ("650" or "C+"); two levels of irrigation, well-watered ("wet" or "W+") and water-stress ("dry" or "W-"); two levels of nitrogen fertilizer application, nitrogen-added ("N+") and no-nitrogen-added ("N-"), and there were two replicates of each treatment combination for a total of 16 open-top chamber plots. There were no open-field plots. The CO<sub>2</sub> and irrigation levels were imposed like those in 1985. Nitrogen fertilizer was applied to the N+ plots as urea (96 kg N/ha) through the drip irrigation system. The amount of N applied was half that planned due to an unfortunate communication error. However, since the error was discovered and the true application rates determined, these data should still be useful for model validation purposes. No fertilizer N was added to the N- plots, but a tiny amount of nitrate (2 mg N/kg) was already in the irrigation water, so this "natural" N was included in the fertilizer management files as Ca(NO<sub>3</sub>)<sub>2</sub>.

The cultural procedures were the following. After the 1985 harvest, all equipment was removed from the field, and it was plowed. During early March, 1986, it was furrowed and flood irrigated with approximately 15 cm of water. Deltapine-61 cotton was planted on 31

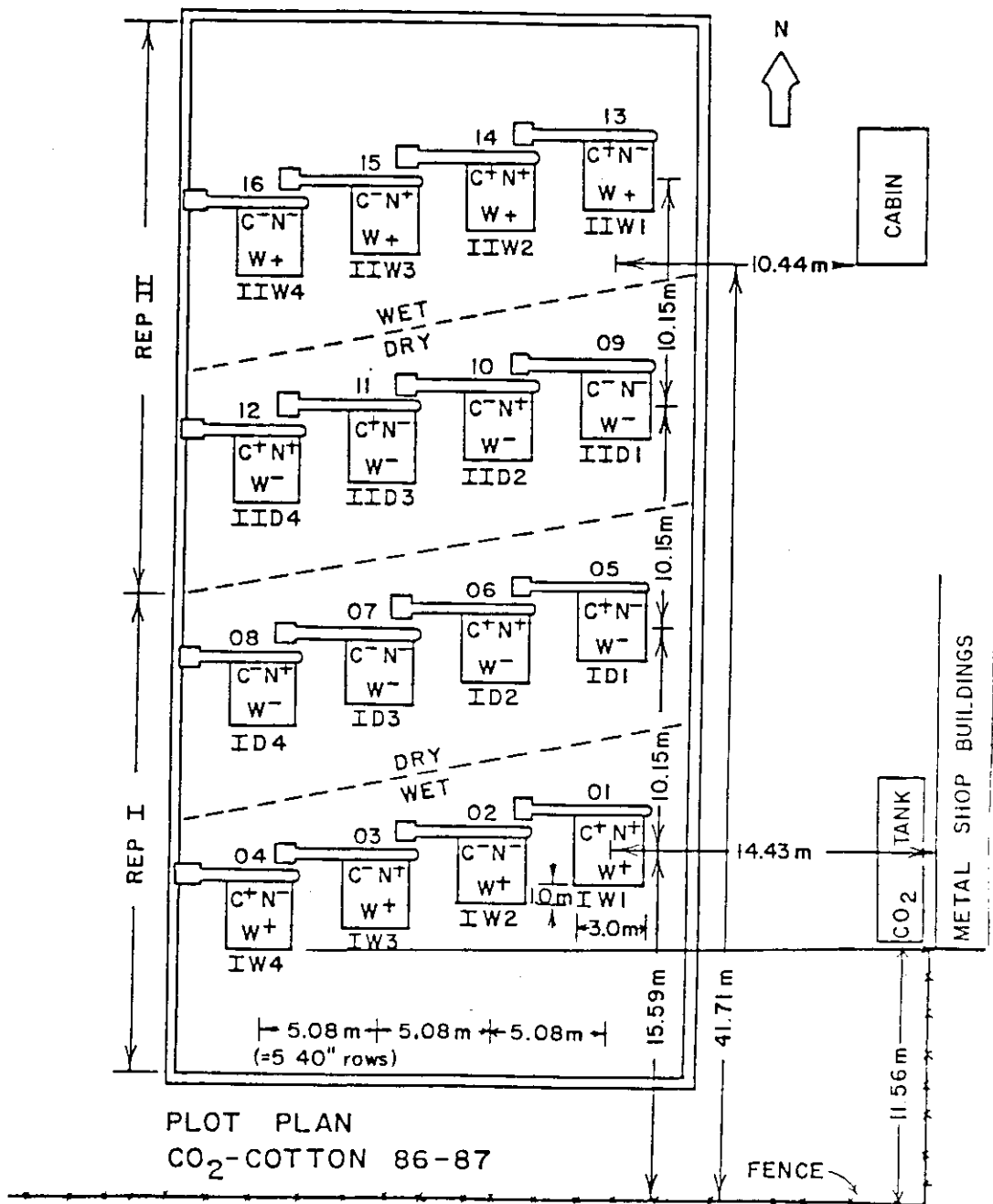


Figure 3. Plot plan for the 1986 and 1987 CO<sub>2</sub>/WATER/NITROGEN experiments showing the arrangement of the open-top chamber plots with 2 reps (I and II), ambient (C<sup>-</sup>) and 650 μmol mol<sup>-1</sup> (C<sup>+</sup>) CO<sub>2</sub> treatments, well-watered (W<sup>+</sup>) and water-stress (W<sup>-</sup>) irrigation treatments, and none-added (N<sup>-</sup>) and added (N<sup>+</sup>) nitrogen treatments.

March, and a pre-emergent herbicide, pendimethalin (Prowl), was applied at a rate of 2 liters/ha. Open-top chamber installation commenced on 2 April and was completed about 22 April with CO<sub>2</sub> enrichment commencing on 25 April. The tops of the beds were knocked off with a rake on 8 April, and the cotton was mostly emerged by 10 April. A few gaps were filled by some replanting and by some transplants, and the cotton was thinned to 100,000 plants/ha on 1 May.

Insects were a problem again in 1986. Early season thrips were effectively controlled with spray applications of Orthene (Kimball et al., 1986). The most serious infestation was due to leaf perforators during the last week of July. Apparently, they were resistant to malathion sprays made earlier for control of boll weevil, but their predators weren't, so perforator numbers greatly increased and caused much visible damage throughout the field. Fortunately, the damage within the open-top chamber of this experiment was much less than the open field as whole. Finally spays of Dimilin and Pydrin on 12 and 23 August, respectively, brought them under control in time to save the experiment.

Following the 1985 experiment, the cotton was picked and the remaining stalks were shredded before disk plowing. Ignoring the sections of row pulled out for sampling, the above-ground biomass residue of the field as whole was estimated to be 4500 kg/ha from the difference between total above-ground biomass and seed cotton yield of the open-field plots (Kimball et al., 1985). Again assuming that only 50% of the root mass was sampled, the root residue was estimated to twice the mass pulled from the open-field plots or 1200 kg/ha. The C:N ratio was again estimated to have been about 30. The field was pre-irrigated early in March, and the first water content measurements were taken on 10 April with planting on 31 March. The pattern was similar to that of 1984, so the initial water content profile on planting day was assumed to be similar to that of 1984. Starting in 1986, soil nitrogen level became one of the experimental variables, so the initial soil nitrate content was determined and found to average about 22.7 mg/kg from 6 samples of surface soil using the method of Cataldo et al. (1975). The shape of the profile with depth from Doerge et al. (1986)

was assumed which showed subsoil nitrate concentrations roughly half that of the surface.

1987 experiment. The 1987 experiment was planned to be a repeat of the 1986 experiment studying the three-way interaction between CO<sub>2</sub>, irrigation level, and soil nitrogen level, but with a more severe nitrogen deficiency for the N- treatment. To remove more nitrogen from the soil, after the 1986 cotton harvest, all equipment was removed from the field, and the field was tilled and planted to a winter crop of barley. The barley was cut and removed from the field before it was mature. Then the plots were established in exactly the same locations as in 1986 so that N-plots had received no nitrogen for both the 1986 cotton crop and the winter barley crop.

After plowing and furrowing, Deltapine-61 cotton was planted on 7 April, 1987, on fairly dry soil. Open-top chamber construction started on 13 April and was mostly complete by 16 April, including installation of the drip irrigation system. On 16 and 17 April a large irrigation (89-144 mm) was applied to all plots, and the seed germinated by the 20th. There was some crusting of the soil surface, so a light irrigation (12-18 mm) was applied on 23 April. The tops of the beds were manually raked off in places where the cotton was particularly deep, and by the 24th, about 50% of the cotton was emerged. Transplants were used to fill some gaps and additional light irrigations were applied to aid their establishment. The plants were thinned to 100,000 plants/ha of 8 May, the same day the CO<sub>2</sub> enrichment treatment was started.

Starting on 2 June, urea was injected into the irrigation water applied to the N+ plots. Then on 14 July, a switch was made to Uran-32, which supplies readily available NO<sub>3</sub><sup>-</sup>-N as well as NH<sub>4</sub><sup>+</sup>-N. The irrigation water was assumed to again contain 2 mg/kg of N as "natural" Ca(NO<sub>3</sub>)<sub>2</sub>. The total amount of N applied to the N+ plots was 231 kg/ha, so the N+ plots had more nitrogen and the N- plots had less nitrogen in 1987 than they did in 1986.

To prevent a recurrence of some of the insect problems of 1986, Temik was applied along the rows in the chambers on 8 May. An aggressive insecticide application program was followed, and insect damage was minimal.

The amount of residue from the previous crops was more difficult to estimate for the 1987 experiment because the cotton residue from the 1986 experiment was incorporated before planting the winter barley crop, which in turn was perhaps about 1/3 grown before it too was disk plowed to a depth of about 20 cm. Taking the more recent barley crop as the more important, the amount of residue was taken as 1/3 that of the wheat crop that preceded the 1983 experiment, but the C:N ratio was estimated to be 20, about halfway between cotton stems and alfalfa. The cotton was planted on 7 April with the first big irrigation on 16 April. However, it was following the green barley crop, so the soil water content was assumed to be slightly wetter than 1985. As already mentioned, the plots were in the same positions as in 1986 in order to enhance the difference between the nitrogen treatments. Accordingly, the soil in each individual plat was analyzed for nitrate at the beginning of the season (specific ion electrode, Keeney and Nelson (1982)). The samples were taken from two sites in each plot from the 0-15, 15-30, and 30-60 cm depths, the soil from the respective sites being composited with the other soil from the same depth. Values for all depths were estimated from the data for these three depth increments, with the 60-190 cm nitrate content taken to be the same as that in the 30-60 cm increment. There appeared to be considerable variation in initial soil nitrate content, so separate soil profile initial condition files are included for each of the 16 individual plots for 1987.

#### **Crop Response Measurements**

A destructive sample consisting of 3 whole plants was removed from each plot about 8 different times during each season at biweekly intervals. To reduce the sampling interval which was constrained by the limited amount of plant material, the total number of sample dates was extended to about 16 over the season by sampling on a weekly interval but alternating between the two replicate blocks each week. To distribute the resultant gaps as evenly as possible and to minimize the overall impact on the remaining plants, each chamber was divided into sections. The middle row was reserved for non-destructive measurements (flower counts and tagging, canopy temperature, leaf net photosynthesis

and stomatal conductance), so no intermediate sampling was done from it, and then the entire middle row was used for the final harvest data at the end of the season. The two outer rows were divided into southwest, northwest, northeast, and southeast quadrants, which were sampled at the biweek intervals in a rotating pattern from one quadrant to another each biweek. Thus, for 8 samplings, each quadrant was generally sampled twice each season. In addition, during some years, the plants removed from the initial thinning to achieve the standard plant population were used as a destructive plant sample.

The leaf area of each intermediate 3-plant sample was measured by passing the leaf blades through a Li-Cor leaf area meter. Counts were made of the number of nodes, squares, flowers, green bolls, open bolls, and abscised sites. Dry weights of the leaves, stems, green bolls, and roots (only for the final harvest) were measured after drying separately in an oven at 70°C.

On every normal working day during each season, each flower in the middle row of cotton in each chamber or plot was counted and then marked with a small tag bearing the day of the year that the flower appeared. At the end of the season, the tags were collected from the bolls that were retained on the plants, sorted by week and counted. These flower counts on the middle row were in addition to those made on the destructive plant samples from the outside rows, as discussed in the previous paragraph.

#### CO<sub>2</sub> Enrichment Apparatus

The CO<sub>2</sub> enrichment system was described in some detail by Kimball et al. (1983), and the same basic system was used every year. A schematic diagram of an open-top CO<sub>2</sub> enrichment chamber is shown in Fig. 4. Basically, the 3-m-on-a-side, 1.9-m-tall square chambers consisted of clear polyethylene film (0.15 mm thick, ultraviolet light resistant) hung from cables that were supported by steel fence posts at the corners, as well as in the middle row on the door (south) side. Referring to Fig. 4, the same design was used each year except starting in 1985, two doors (and two walkways) were installed in the south side rather than just one as shown. Also in 1985, when the drip irrigation



system was first used, it was no longer necessary to elevate the walkways by 200 mm with concrete blocks as shown in Fig. 4, so in 1985 they were elevated with 30 mm thick boards, and in later years they were placed directly on the soil surface. The chamber air sampling manifolds (6-mm-ID polyethylene tubes perforated with 1.6-mm-dia. holes spaced 100 mm apart and inside an "umbrella" of 15-mm-ID PVC pipe with tees pointed downward every 30 cm., labeled "CO<sub>2</sub> sampling tube" in Fig. 4) were mounted originally at a height of 0.5 m in 1983 and then adjusted upward twice during the season to be at about 3/4 plant height. In subsequent years, they were instead mounted about 0.1 m above the middle row and then raised every week or so to avoid damage from the manifold hitting the plants on a windy day.

Again referring to Fig. 4, blowers drew in outside air and discharged it into a 457-mm-dia. duct that acted as a manifold for four smaller 203-mm-dia. perforated lateral ducts which extended the length of the chamber between the plant rows. The air exited the lateral tubes through perforations (25 mm diameter in pairs spaced 100 mm apart). The blowers were commercially-available evaporative coolers but used with the pads dry. They were equipped with 373 W (1/2 hp) motors and rated to deliver 1.2 m<sup>3</sup>/s (4 air changes per min.) at 125 Pa (1/2 in. water), which was the pressure in the large manifold duct.

The system for enriching the open-top chambers and sampling the resultant CO<sub>2</sub> concentrations is illustrated in Fig. 5. Commercially available pure CO<sub>2</sub> was purchased and stored as a liquid in a 12 Mg bulk tank that was refrigerated (or heated depending on CO<sub>2</sub> usage rate and ambient temperatures) to maintain a pressure of about 2000 kPa. The CO<sub>2</sub> vapor was drawn off the top of the tank and passed through a series of regulators and valves to the supply manifold which split the stream into individual lines (6-mm-ID polyethylene tubes) to each enriched plot, where the CO<sub>2</sub> was directed into the blowers (Fig. 4) for vigorous mixing. The individual flows were regulated by motorized valves under computer control and typically ranged from 6-70 l/min depending on windiness.

The air from each open-top chamber was continuously sampled with a pump in each chamber, which drew in the air sample from a sampling

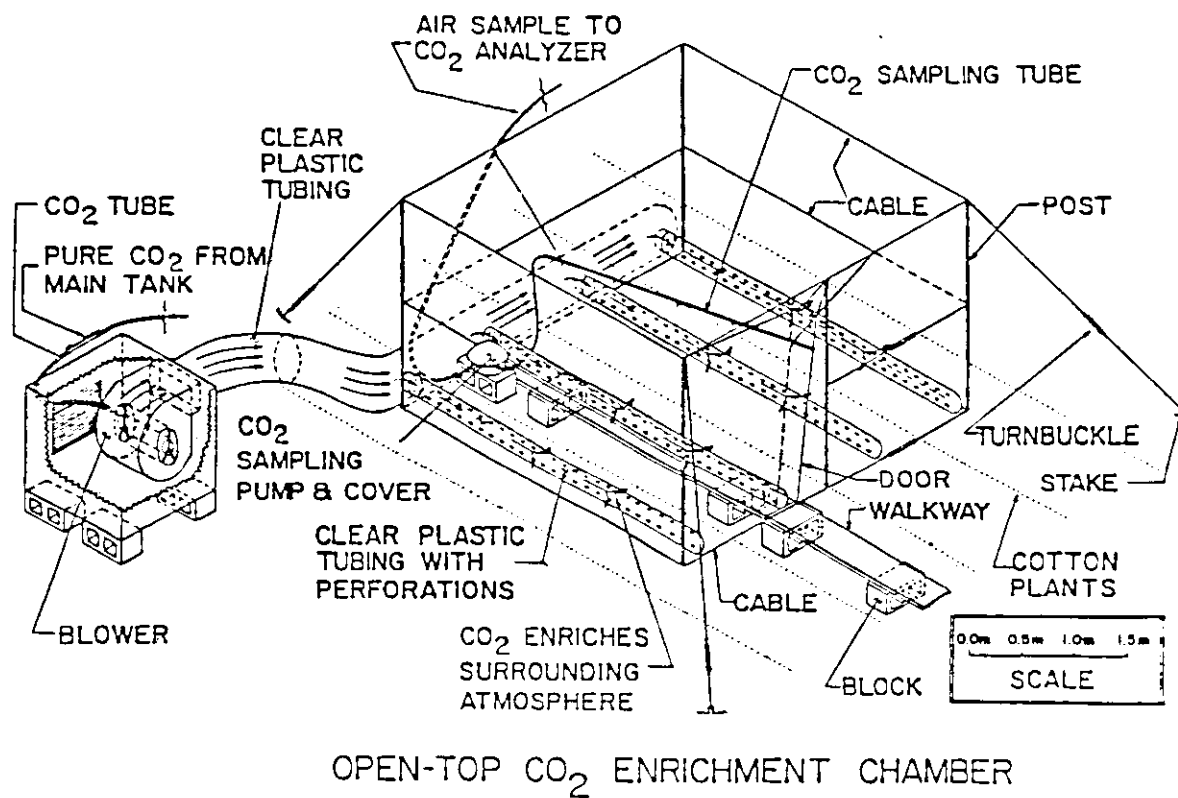
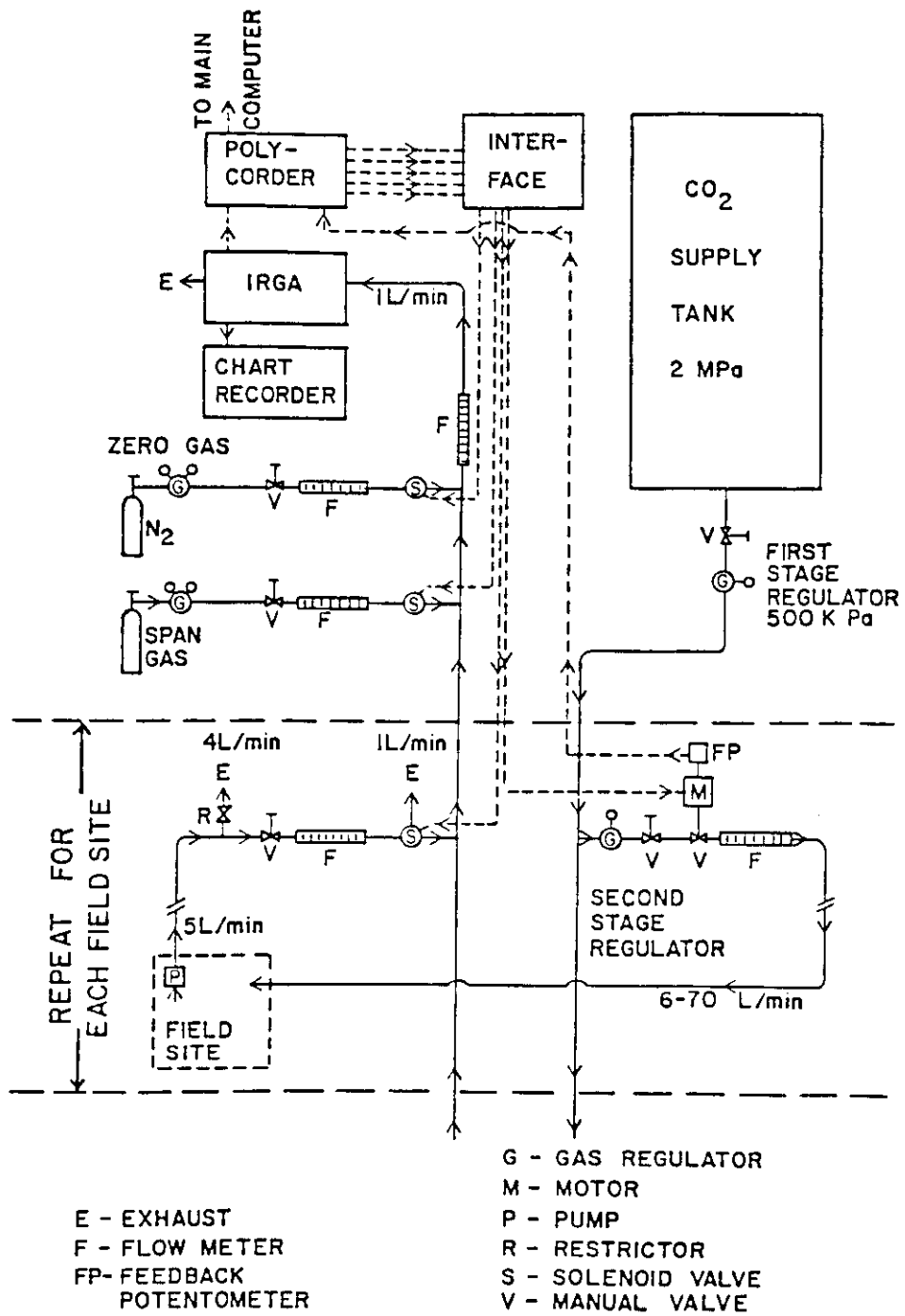


Figure 4. Scale diagram of an open-top CO<sub>2</sub> enrichment chamber.



CO<sub>2</sub> SAMPLING/ENRICHMENT SYSTEM

Figure 5. Schematic diagram of the CO<sub>2</sub> sampling/enrichment system.

manifold, as discussed above. The choice of pumps changed over the years of the experiment, starting with aquarium pumps and progressing to ever more reliable (and expensive) models. Dayton Speedaire oil-less diaphragm pumps rated at 24 l/min at 70 kPa were installed in 1986, and finally proved to very dependable. However, they delivered much more air than the 5 l/min shown on Fig. 5, which was more typical of the earlier pumps.

An Anarad Model 600 AR non-dispersive CO<sub>2</sub> analyzer was used to measure the sample CO<sub>2</sub> concentrations. It had an accuracy of 10 μmol/mol on a 1000 μmol/mol scale. The analyzer was automatically calibrated hourly using a standard mixture of CO<sub>2</sub> in N<sub>2</sub> from a compressed gas cylinder. The mixture concentration was determined by carefully (manually) calibrating the analyzer with commercial certified primary standards and then passing the mixture through the analyzer. N<sub>2</sub> was used for the zero gas.

An Omnidata Model 516 Polycorder computer was used to control the sampling/enrichment system. It was programmed to sequentially open the solenoid valves from the various open-top chambers, wait 30 sec. for the analyzer to stabilize, measure the analyzer voltage, compute the CO<sub>2</sub> concentration, compare it to the desired setpoint CO<sub>2</sub> concentration, and turn on the appropriate motorized valve to adjust the CO<sub>2</sub> flow to the particular chamber. When sampling enriched chambers, generally 30 CO<sub>2</sub> concentration readings over a 1 min. period were made before stepping to the next chamber's sample, and then the 1 min. average was compared to the set point. The enrichment flow rates were measured using feedback potentiometers to generate a voltage signal proportional to the degree of opening of the motorized valves. At the end of each hour, average CO<sub>2</sub> concentrations and standard deviations and average flow rates were transmitted to the main laboratory computer for storage and later analysis.

#### Weather Measurements

In addition to CO<sub>2</sub> concentration, which is becoming evermore a climatic **variable**, weather data were routinely measured. Solar radiation was measured with a pyranometer (usually a Spectran Model 4048), which

was calibrated at the beginning of each season by comparison with a standard Epply pyranometer that was used only for calibrating other instruments and which was returned to the factory from time to time for recertification. Wind speed was measured with a R. M. Young Co. Gill propeller vane Model 35001 using the factory calibration to go from wind speed to revolutions per min. and then using another calibration factor obtained by spinning the shaft in a calibrated lathe to go from revolutions per min. to voltage. In 1983, the pyranometer and the anemometer were mounted on the roof of the instrument cabin at a height of about 4 m (Fig. 1). From 1984-87 they were mounted on a weather mast at 2.0 and 2.5 m heights, respectively. In 1984 and 1985 the mast was positioned close to the middle of the experimental area north of chamber IID2 and just south of the middle walkway (Fig. 2). In 1986 and 1987 the weather data were needed for an additional experiment in the field west of the chamber area, so the mast was positioned about 10 m west and 3 m north of chamber IW4 (Fig. 3; more precisely, it was located midway between the "C" and "Z" plots of Rep I of the FACE experiment, Fig. 27 of Kimball et al., 1986.)

Aspirated psychrometers with ceramic wicks and copper-constantan thermocouples (Schnell, S. M., 1983) were used to measure the dry- and wet-bulb air temperatures in every chamber and over every open-field plot. This dense sampling was regarded as necessary because it was not known *a priori* how the chamber walls and the CO<sub>2</sub> and irrigation treatment themselves might affect the temperature regimes. In 1986 and 1987, when there were no open-field plots, a pair of duplicate psychrometers were mounted on the weather mast to monitor ambient conditions. The psychrometers in the chambers were mounted to the southwest corner post with the intake pointed north at a slight upward angle, so that any drips from the wick would drain back away from the dry bulb. It was difficult to adjust the height, so they were fixed at a height of 130 cm, and then for uniformity, all of the outside psychrometers were also mounted at that height.

Maintenance of the psychrometers was a major job. The water reservoirs were refilled 3 times a week, at the same time checking to be sure the little aspiration blowers were operating properly and that the

wick and dry bulb were positioned in the middle of the air stream with no obstructions. The wicks were replaced weekly with an alternate set of wicks from the week before that had been cleaned by boiling for 15 min. in 1 N nitric acid. If any wet bulb seemed consistently warmer by about 1 C than the wet bulbs in corresponding chambers, that wick was replaced and discarded. As will be discussed in more detail later, part of the process of "cleaning" the data for this publication was to plot the dry and wet bulb temperatures from replicate plots together against time through the season. Generally, the agreement was very close, but there were always some times during the season when there were a discrepancies, often which could be explained by corrective actions recorded in the logbook. Because most psychrometer errors (water reservoir dry, dirty wick, wick touching wall, blower worn out, etc.) are in the direction to cause the wet bulb to be too warm, the one with the coldest wet bulb was usually taken to be correct. For those times when one of the psychrometers was known to be in error, the temperatures of its mate were taken instead for inclusion in this report.

Rainfall was measured manually in a rain gauge beside the field, which could be read to 0.01 inch or 0.25 mm. The gauge was usually read by the first person to arrive on the scene in the morning, so if a rainfall event occurred during the night, a reasoned guess was made as whether to ascribe the rain to the present day or to the day before.

Except for rainfall and CO<sub>2</sub> concentration, the weather data were recorded with an Acruex Autodata-9 automatic data acquisition system. The instrument was programmed to record continuously, accumulating sums, and then to output hourly averages. The hourly averages were transmitted to the main laboratory computer for storage and later analysis. This analysis included computing vapor pressures, sorting the data for individual plots by day, and outputting daily maximums, minimums, and averages.

Occasionally there were gaps in the data caused by instrument malfunctions, and also at beginning of each season there was a lag between planting the field and installing all the equipment. As discussed above, missing or bad psychrometer data could usually be replaced by that from the other replicate plot. When data from a

replicate plot was not available, however, other data sources were utilized. First, if another experiment was underway simultaneously at the USWCL, the weather data from that experiment was obtained. If no such local data was available, "outside" data was obtained from the Climatological Laboratory at Arizona State University, about 6 km to the east, and also from the National Weather Service at Sky Harbor Airport, about 4 km to the northwest. Whenever these other data were to be utilized, a graph was made of data from the outside source and that of a particular missing (or malfunctioning) instrument for 2 or 3 days when that instrument was working, and a regression equation was obtained. Then the gaps were filled using the outside data but adjusted to the particular plot using the regression equation.

#### Soil Parameters

There appears to be a wide range of approaches used in simulating soil processes in plant growth models. The SOYGRO (Wilkerson et al., 1983) and CERES (Ritchie, 1985; Jones and Kiniry, 1986) models, for example, have a one dimensional soil profile and use "drained upper limit" and "lower limit" as important parameter to characterize soil water. The GOSSYM (Baker et al., 1983) and GLYCIM (Acock et al., 1982) family of models, on the other hand, utilize data from a soil moisture retention curve. Thus, it is difficult to choose what soil data should be included in this report, so we have taken the conservative path and included data for both model types in order that all the plant growth data will be useable for validating as many types of cotton growth models as possible. Fortunately, the soil at our Laboratories has been studied in several prior soil physics experiments, so considerable data are available. Density and hydraulic information are presented in Table 1. In the actual soil data files, the order of presentation is the following: (1) the IBSNAT (1986) standard (described in more detail later), (2) the additional parameters proposed by Acock (B. Acock, 1988, personal communication), and (3) the additional parameters needed for GOSSYM (Baker et al., 1983).

Classification: Avondale loam (fine-loamy, mixed (calcareous), hyperthermic, Anthropic Torrifuvent). It was formerly called Adelanto,

Table 1. Density and hydraulic properties of Avondale loam. The data are averages from the 2 sites of Brust et al. (1968)

Depth	Particle density RHOS	Bulk density BD	Residual water content THETAR	Bubbling pressure PSIBUB	Pore-size distribution index XLAMBDA	Saturated hydraulic conductivity SCOND
cm	Mg/m <sup>3</sup>	Mg/m <sup>3</sup>	m <sup>3</sup> /m <sup>3</sup>	kPa		μm/s
20	2.72	1.52	0.23	1.2	0.52	1.9
60	2.72	1.48	0.24	1.1	0.59	31.
160	2.72	1.46	0.27	0.8	0.61	10.

and because the texture falls close to the line between loam and clay loam, it has also been called a clay loam. The Ap horizon is about 30 cm thick with a fairly uniform Cl horizon below that to 1.5 m or more over most of the area. This description seems accurate for the soil at the U. S. Water Conservation Laboratory (Fig. 1, used in 1983), and most of the field at the Western Cotton Research Laboratory (Figs. 2 and 3, used in 1984-1987), and these soil data are in file AVONDALE.CT2.

However, as discussed elsewhere, there was a gravel layer at about the 1 m depth at the north end of the field plot area at the WCRL (Figs. 2 and 3), which appeared to be about 30 cm thick. While it seems unlikely that this gravel layer significantly affected cotton growth, nevertheless, we have provided additional soil profile data in file AVONGRAV.CT2 for Avondale loam with a gravel layer at the 100-130 cm depth. The experiment directory files (CTEXP\_.DIR) and the soil profile initial condition files (\_\_\_\_\_.CT5) presume the gravel layer will be accounted for in plots 13-16 (Figs. 2-3). This may be unnecessary, but it is also conceivable that if a model is sensitive to such deep soil conditions, then it could be necessary to perhaps similarly provide a gravel layer for plots 9-12 at about the 130-160 cm depth. Also, in 1983 the three lysimeters at the USWCL were used, which contain reconstituted Avondale loam layer by layer, but they are only 1.5 m deep. Therefore, a



third set of soil profile data are provided for the lysimeters in file AVONLYSM.CT2.

Particle density, RHOS: 2.72 Mg/m<sup>3</sup> (Table 1, Brust et al., 1968)

Albedo, SALB: The albedo of bare Avondale loam was studied in detail by Idso et al. (1975). Normalized to a zenith angle of 0 degrees, the albedo varied from 0.14 when wet to 0.30 when dry. Since the albedo when wet has the more influence on cumulative evaporation, the wet value is included in the data files.

Upper limit of stage 1 soil evaporation, U: Ritchie (1972) states that this parameter is 12 mm for our soil. However, Kimball and Jackson (1971) showed that it varied from 12 to 24 mm. Since Ritchie developed the CERES models using this parameter, perhaps 12 mm should be used and this value is included in the data files.

Soil water drainage constant, SWCON: Following Ritchie et al. (1986, p. 39), SWCON was calculated for each soil layer from the porosity and "drained upper limit" for each soil layer, and then the minimum value among all the layers was taken as the profile value of 0.32.

SCS curve number for calculating runoff, CN2: According to local SCS personnel (Mr. Lee Hardy), Avondale loam is in the "B" class, and therefore, for cotton planted in straight rows the curve number would be about 80. This value agrees with Table 3.3 of Ritchie et al. (1986).

Annual average air temperature, TAV, and range or amplitude, AMP: The annual average air temperature recorded by the National Weather Service at Sky Harbor International Airport was 21.8°C with a maximum of 33.5 °C for the month of July and a minimum of 11.3 °C for January (Schmidli, 1986) for a range of 22.2 °C.

Annual average deep soil temperature and range: Average annual deep soil temperature would be expected to exceed average annual air temperature slightly. For about 2 1/2 years Kimball et al. (1981) measured soil temperature at a depth of 2.5 m. The average maximum was 27.3 in October and the average minimum was 19.8 in March for a range of 7.5. The annual average at the 2.5 m depth was about 23.6 °C.

Mineralization rate reducer, DMOD; Coefficients for the radial-flow root uptake equation, SWCON1, SWCON2, and SWCON3; Maximum daily

root water uptake per unit root length, RWUMX; and Variable to reduce apparent photosynthesis attributed to soil fertility, PHFAC3; Lacking any better information, the values supplied for these parameters are the IBSNAT (1986) default values: 1.0, 0.00267, 58, 6.68, 0.03, and 1.0, respectively.

Thickness of each soil layer, DLAYR(L): The soil layer thicknesses were chosen following Ritchie et al. (1986). The layers above the 30 cm depth are in the Ap horizon, whereas the rest of the profile is in the Cl. Lower limit of plant extractable water, LL(L): LL was calculated from the algorithm of Ritchie et al. (1986, p. 43) from the clay content, bulk density, and organic matter content. The calculated values of 0.145-0.15 are in excellent agreement with the -1500 kPa water content determined by Jackson (1973) (Fig. 6).

Drained upper limit of soil water content, DUL(L): DUL was similarly calculated from Ritchie et al. (1986, p. 43) using LL(L) and clay content, bulk density, and organic matter content. The calculated value of 0.272 for the surface soil is slightly higher than the -33 kPa water content of about 0.26 determined by Jackson (1973) (Fig. 6).

Saturated water content, SAT(L): The saturated water content was computed following Ritchie et al. (1986) as the drained upper limit plus 0.5 times the difference between total porosity and drained upper limit.

Default soil water content, DSW(L): The DUL values were used because probably there would have been a pre-irrigation before the start of a simulation.

Weighting factor for soil layer to determine new root growth distribution, WR(L): Following Ritchie et al. (1986), the top soil layer was set to 1.0, and then their exponential decay function was used to compute the values for the other depths. For the case of the plots with the gravel layer, WR was arbitrarily reduced from 0.10 to 0.05 for the 100-130 cm depths.

Bulk density, BD(L): The bulk density data for the shallow depths (<10 cm) were estimated from Fig. 4 of Jackson et al. (1974), which shows a minimum of about 1.20 Mg/m<sup>3</sup> at the surface, increasing rapidly to about 1.47 at 2 cm, and then a gradual increase to about 1.52 at 10 cm. The data for the deeper depths were interpolated from Brust et al.

(1968), who found the bulk density was 1.52 Mg/m<sup>3</sup> at 20 cm, and decreased to 1.48 and 1.46 at the 60 and 150 cm depths, respectively. No measurements of the effects of tillage or wheel tracks were available.

Organic carbon concentration, OC(L): Nakayama (1965) determined that the organic matter content was 1.13%. Assuming the organic matter was predominantly similar to carbohydrate (CH<sub>2</sub>O) and therefore 40% carbon, the organic carbon content of the upper 30 cm taken as 0.45%. It was then reduced roughly linearly below that depth to 0 at 100 cm.

Default and initial soil ammonium, DNH<sub>4</sub>(L), NH<sub>4</sub>(L): Zero. As mentioned above, experience from many samples has shown that NH<sub>4</sub><sup>+</sup>-N contents of Arizona soils are very low (P. Eberhart, IAS Laboratories, Phoenix, Arizona, Personal communication), presumably because nitrification is rapid at our temperatures (Soil Improvement Committee, 1985).

Default soil nitrate, DNO<sub>3</sub>(L): Estimated from measurements (Kimball et al., 1986, 1987) to be in the range of about 20 mg/kg at the surface with perhaps half that much at deeper depths (Doerge et al., 1986).

Default and initial pH, DPH(L), PH(L): The default pH of the plow layer was taken as 7.7 from Nakayama (1965) and as 8.0 below 30 cm as stated as typical of the Avondale series by the Soil Survey.

Coarse fragments, ROCK(L); sand, SAND(L); silt, SILT(L); and clay, CLAY(L): The amount of coarse fragments was taken as 0%, except for the gravel layer at about 100-130 cm under the north plots (Fig.s 2 & 3), for which it was assumed that about 50% of the material was coarse. For the sand, silt, and clay, the data obtained by Reginato (R. J Reginato, personal communication, 1959) was used. Shortly after the U. S. Water Conservation Laboratory was constructed, the soil in the experimental plots south of the laboratory was extensively sampled, and particle size was analyzed using the hydrometer method. The averages of 5 sites for each depth are presented.

Saturated hydraulic conductivity, SCOND(L): The hydraulic properties of Avondale loam at the U. S. Water Conservation Laboratory were studied intensively by van Bavel et al. (1968a,b) and Brust et al. (1968) (Table 1). Averaging over 2 sites, Brust et al (1968) reported

the saturated conductivity was 1.9, 31, and 10  $\mu\text{m/s}$  at the 20, 60, and 160 cm depths. Bouwer and Rice (1965) also measured SCOND, and they reported values of 20.0, 10.0, 7.0, and 7.3  $\mu\text{m/s}$  for the 0, 18, 30, and 50 cm depths, respectively, for 21 or more determinations at each depth. Because of the greater sampling number, the values of Bouwer and Rice were taken as the more reliable.

Cation exchange capacity, CATEXC(L): The cation exchange capacity of the surface horizon was determined by Nakayama (1965) to be 286 meq/kg. The exchange capacity was adjusted from this value for the other depths in proportion to clay content.

Air dry water content, AIRDR: The "air dry" water content is needed for some models. However, it is not precisely defined unless the temperature and relative humidity conditions are specified. For Avondale loam at 27 °C, Fink and Jackson showed that the water content increased roughly linearly from about 0.02 at a relative humidity of 10% to about 0.06 at a relative humidity of 80%. Considering that the average annual relative humidity is about 40% for Phoenix (Schmidli, 1986), a figure of 0.03 for the air dry volumetric water content is reasonable.

Soil water potential, conductivity, and diffusivity: The GOSSYM (Baker et al., 1983) and GLYCIM (Acock et al., 1982) models require several soil hydrologic parameters that pertain to the soil water retention curve, which relates soil water potential to the volumetric water content,  $\theta$  (THETA). The soil water potential,  $\psi$  (PSI, kPa) is also often expressed as a pressure head  $h$  (H, m of water) which are related by Eq. 1

$$\psi = \rho_w g h \quad [1]$$

$$\text{PSI} = \text{RHOW} * \text{GRAV} * \text{H}$$

where  $\rho_w$  (RHOW,  $\text{kg/m}^3$ ) is the density of water and  $g$  (GRAV,  $\text{m/s}^2$ ) is the acceleration of gravity. Figure 6 shows a retention curve for Avondale loam from Jackson (1973), which was constructed from laboratory and field measurements conducted at various times during the prior decade. Therefore, the measured curve is known within a relatively small amount of uncertainty.

Another important parameter is the soil water diffusivity, D (DIFF), which is a transfer coefficient that is used to relate rate of water movement, J, to water content gradient,  $d\theta/dz$ , where z is a space variable.

$$J = - D(d\theta/dz) \quad [2]$$

Figure 7 shows measured data points for Avondale loam (at a bulk density of 1.45 Mg/m<sup>3</sup> and a temperature of 25 °C) as presented by Jackson et al. (1974).

The rate of water movement can also be related to the soil water potential gradient, as in Eq. [3].

$$J = - K(d\psi/dz) \quad [3]$$

K (COND) is the hydraulic conductivity. Figure 8 shows data points measured in the field by Brust et al. (1968) at relatively high water contents. The solid curve is from Jackson (1973), and it has been "matched" to the Brust et al. data in the high range. It was calculated from the measured retention curve in Fig. 6 using the technique of Jackson (1972), which was shown to be quite accurate and which will be discussed more fully later.

It is beyond the intended scope of this report to discuss the relative merits of various approaches to modeling soil hydrologic processes, particularly with respect to their generality for application to many soils. On the other hand, it is instructive to examine how well a few of the approaches in use by various models appears to fit our Avondale loam, and to present the parameters appropriate to characterize them.

Brooks and Corey (1964) presented one such theory for describing the retention curve and hydraulic conductivity, K (COND), by 2 related equations, as discussed by Whistler (1976, 1982):

$$(\theta - \theta_r) / (\theta_s - \theta_r) = (\psi_b / \psi)^\lambda \quad [4]$$

$$(THETA - THETAR) / (THETAS - THETAR) = (PSIBUB / PSI) ** XLAMDA$$

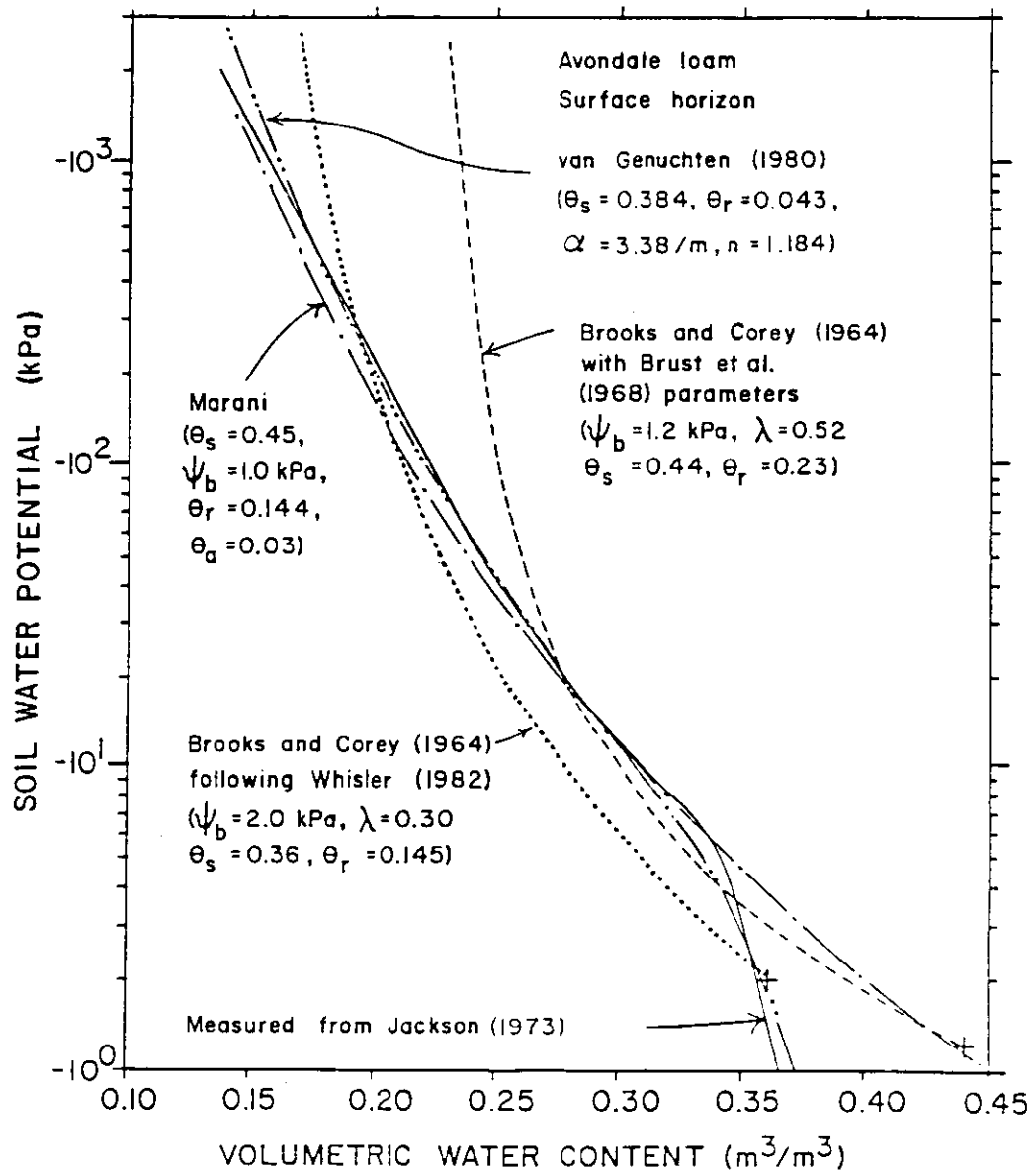


Figure 6. Soil water retention curve for surface horizon of Avondale loam. Solid line — compiled from measurements by Jackson (1973). Dashed curve --- using Brooks and Corey (1964) theory with Brust et al. (1968) parameters: bubbling pressure, 1.2 kPa; pore size distribution index, 0.52; saturated water content, 0.44; and residual water content, 0.23. Dotted curve .... using Brooks and Corey theory following the procedure outlined by Whisler (1982) with the parameters: bubbling pressure, 2.0 kPa; pore size distribution index, 0.30; saturated water content, 0.36; and residual water content, 0.14. Dash-dot-dash curve (-.-) using the equation attributed to Marani (Acock et al., 1982) with saturated water content of 0.45, a saturated water potential of 1.0 kPa, a residual water content of 0.144 which was 0.001 less than a -1500 kPa water content 0.145, and an air dry water content of 0.03. Dash-dot-dot-dash curve (-.-.-) using the van Genuchten (1980) equation with saturated water content of 0.384, residual water content of 0.043,  $\alpha = 3.38/\text{m}$ , and  $n = 1.184$ .

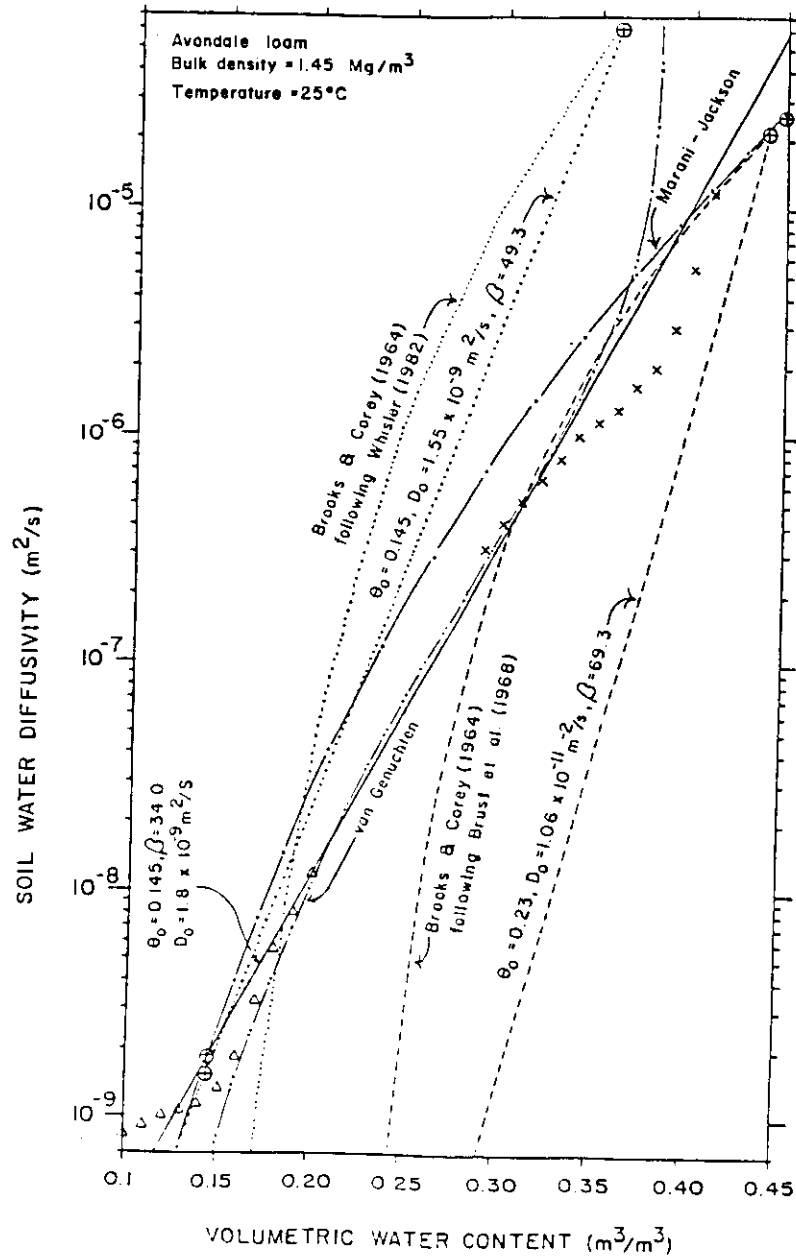
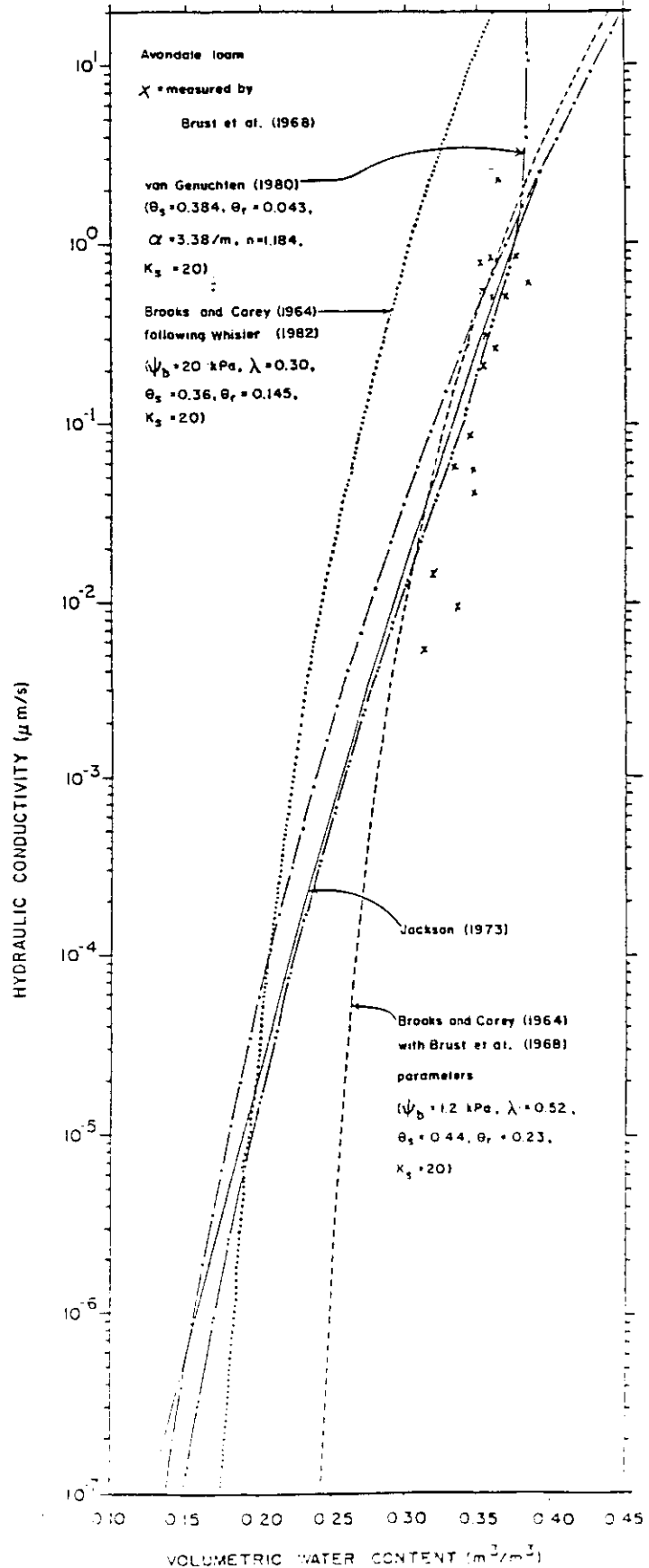


Figure 7. Soil water diffusivity versus volumetric water content for surface horizon of Avondale loam. The measured data points are the isothermal liquid diffusivity data presented by Jackson et al. (1974). The solid line (—) was fitted by eye to the data. The dotted (....) and dashed (----) curves (Brooks and Corey) are from Eq. [8] using the corresponding parameters from Fig. 5 and a saturated conductivity of  $20 \mu\text{m/s}$  (Bouwer and Rice, 1965). The dotted and dashed straight lines were obtained following Whisler (1982) using the corresponding parameters from Fig. 6, again with a saturated conductivity of  $20 \mu\text{m/s}$ . The dash dot dash (-.-) curve was computed using the Marani curve from Fig. 6 in Jackson's (1972) method for computing conductivity (with a saturated conductivity of  $20 \mu\text{m/s}$ ) followed by multiplying by the derivative of the Marani equation to get diffusivity. The dash-dot-dot-dash (-.-.-) curve was computed from the van Genuchten Eq. [18] with the corresponding parameters from Fig. 6 and a saturated conductivity of  $20 \mu\text{m/s}$ .

Figure 8.

Hydraulic conductivity for surface horizon of Avondale loam. The measured data points are from Brust et al. (1968). The solid curve (—) from Jackson (1973) who used his numerical approach (Jackson, 1972) and the Brust et al. data for "matching" to compute conductivity from the retention curve in Fig. 6. The dotted (...), dashed (- - -) curves (Brooks and Corey) are from Eq. [5] using the corresponding parameters from Fig. 6 and a saturated conductivity of 20  $\mu\text{m/s}$ . The dash-dot-dash (-.-) curve was computed using the Marani curve from Fig. 6 with Jackson's (1972) method for computing conductivity (with a saturated conductivity of 20  $\mu\text{m/s}$ ). The dash-dot-dot-dash (-.-.-) curve was computed from the van Genuchten Eq. [17] with the corresponding parameters from Fig. 6 and a saturated conductivity of 20  $\mu\text{m/s}$ .





$$K = K_s(\psi_b/\psi)^\eta \quad [5]$$

$$COND = SCOND*(PSIBUB/PSI)**ETA$$

where

$$\eta = 2 + 3\lambda \quad [6]$$

$$ETA = 2 + 3*XLAMDA$$

and  $\lambda$  (XLAMDA) is a pore-size distribution index.  $\psi_b$  (PSIBUB) is the bubbling pressure or potential at which air begins to enter the soil,  $\theta_r$  (THETAR) is a "residual" water content,  $\theta_s$  (THETAS) is the saturation water content, and  $K_s$  (SCOND) is the hydraulic conductivity at saturation.

The diffusivity, D, can be computed from the hydraulic conductivity times the derivative of water pressure potential with respect to water content,  $d\psi/d\theta$  (DPSI).

$$D = K(\rho_w g)^{-1}(d\psi/d\theta) \quad [7]$$

$$DIFF = COND*(1./(RHOW*G))*DPSI$$

Following Whistler (1976) and rearranging, the Brooks and Corey relationships also yield diffusivity:

$$D = [(K_s \psi_b)/(\lambda \rho_w g)][1/(\theta_s - \theta_r)](\psi_b/\psi)^{(2\lambda+1)} \quad [8]$$

$$DIFF = ((SCOND*PSIBUB)/(XLAMDA*RHOW*GRAV))*(1/(THETAS-THETAR))* \\ (PSIBUB/PSI)**(2*XLAMDA + 1)$$

Gardner and Mayhugh (1958) showed that for many soils, diffusivity changed with water content according to:

$$D = D_0 \exp[\beta(\theta - \theta_0)] \quad [9]$$

$$DIFF = DIFF0*EXP(BETA*(THETA - THETA0))$$

where  $D_0$  (DIFF0) is the diffusivity at some low water content,  $\theta_0$  (THETA0), presumed generally to be at the -1500 kPa potential or wilting point, and  $\beta$  (BETA) is a soil characteristic parameter. Since we have diffusivity data for the Avondale loam soil, it was a simple matter

to obtain the Gardner and Mayhugh parameters directly, without depending on the retention curve or saturated conductivity. Accordingly, the solid line in Fig. 7 was fit to the data by eye. The defining parameters were determined, and the values of  $\theta_0=0.145$ ,  $D_0= 1.8 \times 10^{-9} \text{ m}^2/\text{s}$ , and  $\beta=34.0$  are presented in the data tables.

Brust et al. (1968) tested the Brooks and Corey theory on Avondale loam. They made several determinations of the soil water retention curve using both field and laboratory methods, and indeed their data were included in developing the Jackson (1973) curve. Brust et al. extracted the values in Table 1 from their data. Yet, using their values of  $\psi_b=1.2$  kPa,  $\lambda=0.52$ ,  $\theta_s=0.44$ , and  $\theta_r=0.23$  produces the dashed curve in Fig. 6, which only approximates the measured curve for water contents from about 0.25 to 0.35. Using the Bouwer and Rice value of  $20 \mu\text{m/s}$  for the saturated conductivity, hydraulic conductivity and diffusivity were calculated from Eqs. 5 and 8, respectively, and they are and plotted as the dashed curves in Figs. 7 and 8. The curves are only close to the data from about 0.3 to 0.4 water content. Following Whistler (1982), values of the Gardner and Mayhugh  $\theta_0$ ,  $D_0$ , and  $\beta$  were obtained for the Brust et al. curves, and the result is the straight dashed line in Fig. 7. Clearly, it does not represent the data very well.

In an attempt to see if better parameters could be obtained that would make the Brooks and Corey theory fit the data in Figs. 6-8 better, the procedure outlined by Whistler (1982) was followed using  $\psi_b=2.0$  kPa,  $\theta_s=0.36$ , and  $\theta_r=0.145$ . The plot of  $\ln[(\theta-\theta_r)/(\theta_s-\theta_r)]$  versus  $\ln(\psi_b/\psi)$  was rather concave, but as recommended by Whistler,  $\lambda=0.30$  was obtained as the slope of a line fit to the higher water content end. The results are the dotted curves in Figs. 6-8 (again using a saturated conductivity of  $20 \mu\text{u/s}$ ). They do not appear to represent the data much better than did the dashed curves using the Brust et al. parameters. When the Gardner and Mayhugh  $\theta_0$ ,  $D_0$ , and  $\beta$  were obtained following Whistler (1982), the straight dotted line in Fig. 7 was obtained, and it is a somewhat better representation of the data, but not much. If a user wishes, he or she can probably find parameter values that will make the Brooks and Corey curves fit the Avondale loam data better than these examples, but it

appears that it will be difficult to obtain a close fit for a wide range of water content.

An alternative to the Brooks and Corey Eq. [2] for describing the retention curve is an empirical equation attributed to Marani and used in the GLYCIM model (Acock et al., 1982), which is:

$$\psi = \psi_b [(\theta - \theta_a) / (\theta_s - \theta_a)]^f \quad [10]$$

$$PSI = PSIBUB * ((THETA - AIRDR) / (THETAS - AIRDR)) ** PSIFAC$$

where  $f = \log(\psi_r / \psi_b) / \log[(\theta_r - \theta_a) / (\theta_s - \theta_a)]$

$$PSIFAC = LOG(PSIR / PSIBUB) / LOG((THETAR - AIRDR) / (THETAS - AIRDR))$$

The additional parameters include  $\theta_a$  (AIRDR), the "air-dry" water content;  $\theta_r$  (THETAR), a low reference water content; and  $\psi_r$  (PSIR), the reference water potential corresponding to  $\theta_r$ .  $\theta_r$  is similar to the "residual" water content of Brooks and Corey but is more explicitly defined as the  $\theta_0$  less 0.001. The Marani curve in Fig. 6 was fitted using  $\theta_s = 0.45$ ,  $\psi_b = 1.0$  kPa,  $\theta_r = 0.144$ , and  $\theta_a = 0.03$ . It appears to fit well except above about a water content above about 0.35, where the soil is very wet and gravity flow would be expected to be more important than capillary flow. An equally good fit could be obtained using  $\psi_b = 3.5$  kPa and  $\theta_s = 0.35$ , or following the usage in the July 1987 version of GOSSYM, a good fit could also be obtained using field capacity for the known fixed point at high water content ( $\psi_b = 33$  kPa,  $\theta_s = 0.26$ ).

We are not aware of any published analytical curve equivalent to Eq. [5] for linking the Marani retention curve to conductivity. However Jackson (1972) presented a numerical equation which can be used to calculate conductivity from any retention curve. It requires breaking the curve into equal water content increments and computing sums of terms containing the reciprocal of the water potential squared as follows:

$$K_i = K_s (\theta_i / \theta_1) \frac{\sum_{j=i}^m [(2j+1-2i) / \psi_j^2]}{\sum_{j=1}^m [(2j-1) / \psi_j^2]} \quad [11]$$

where  $m$  is the total number of water content increments. From Nielsen et al. (1972),  $\theta_i$  is the highest water content for each increment and  $K_i$  is the conductivity corresponding to  $\theta_i$ , but  $\psi_i$  is the water potential at the midpoint of each increment. The calculations are begun at the saturated water content,  $\theta_1 = \theta_s$ .

Once values of conductivity are obtained from the Jackson Eq. [11] using the Marani Eq. [10] to compute  $\psi$  from  $\theta$ , it is a relatively simple matter to use Eq. [7] to compute diffusivity, particularly since

$$d\psi/d\theta = \psi f / (\theta - \theta_a) \quad [12]$$

from differentiating the Marani Eq. [10]. The resultant Marani-Jackson diffusivity curve is also shown in Fig. 7, and although it is somewhat above the data for much of the water content range, nevertheless, the agreement is quite respectable, especially in comparison to the Brooks and Corey curves.

Starting with the work of Mualem (1976), van Genuchten (1980) has derived additional analytical equations relating  $\theta$ ,  $\psi$ ,  $D$ , and  $K$ . Moreover, these works of Mualem and van Genuchten as well as later works by van Genuchten and coworkers (van Genuchten and Nielsen, 1985; Wosten and van Genuchten, 1988; van Genuchten et al., 1992) showed the new equations fit the data from more soils better than did the Brooks and Corey Eqs. 4-8. Their equation for the soil water retention curve is:

$$\theta = \theta_r + (\theta_s - \theta_r) [1 + |\alpha\psi / (\rho_w g)|^n]^{-m} \quad [13]$$

$$\text{THETA} = \text{VGTHR} + (\text{VGTHS} - \text{VGTHR}) * (1. + \text{ABS}(\text{PHA} * \text{PSI} / (\text{RHOW} * \text{GRAV}))) ** \text{XN} ** \text{XM}$$

where  $\alpha$ ,  $n$ , and  $m$  are empirical fitted constants.  $\theta_s$  (VGTHS) and  $\theta_r$  (VGTHR), the "van Genuchten" saturated and residual water contents, respectively, are defined similarly as before, and they need not be fitted. However, as discussed by van Genuchten and Nielsen (1985) and van Genuchten et al. (1992), the retention curve can be made more representative of field soils when  $\theta_s$  and  $\theta_r$  are fitted as

extrapolations toward the wet and dry ends of the curve, respectively. At the wet end, such fitting can help to compensate for entrapped air and cracks and holes, which should be especially helpful when these retention curves are used to compute conductivity and diffusivity.

Letting

$$S = (\theta - \theta_r) / (\theta_s - \theta_r) \quad [14]$$

$$RSAT = (THETA - VGTHR) / (VGTHS - VGTHR)$$

the inverse form of Eq. 13 is:

$$|\psi| = (\rho_w g / |\alpha|) (S^{-1/m} - 1)^{1/n} \quad [15]$$

$$PSI = (RHOW * GRAV / ABS(ALPHA)) * (RSAT ** (-1./XM) - 1.) ** (1./XN)$$

As discussed by van Genuchten and coworkers, greater flexibility and closer fits of the equation to measured curves can be obtained if  $m$  and  $n$  are independent. However, the goodness-of-fits to many soils is still quite acceptable and relatively simple equations for  $K$  and  $D$  can be derived if:

$$m = 1 - 1/n \quad [16]$$

$$XM = 1. - 1./XN$$

where  $0 < m < 1$ . With the constraint of Eq. 16,

$$K = K_s(S)^{1/2} [1 - (1 - S^{1/m})^m]^2 \quad [17]$$

$$COND = SCOND * (RSAT ** 0.5) * (1. - (1. - RSAT ** (1./XM)) ** XM) ** 2$$

and

$$D = [K_s \rho_w g S^{(1/2 - 1/m)} / (\alpha m (\theta_s - \theta_r))] [(1 - S^{1/m})^{-m} + (1 - S^{1/m})^m - 2] \quad [18]$$

$$DIFF = (SCOND * RHOW * GRAV * RSAT ** (0.5 - 1./XM) / (ALPHA * XM * (VGTHS - VGTHR))) * ((1. - RSAT ** (1./XM)) ** (-XM) + (1. - RSAT ** (1./XM)) ** XM - 2.)$$

Using a program written by R. Shen and revised by D. Jaynes (D. Jaynes, Personal Communication, 1989) called SLREG, the parameters  $\theta_s$ ,

$\theta_r$ ,  $\alpha$ , and  $n$  were fitted to the Jackson (1973) curve in Fig. 6, subject to Eq. 16, with 0.384, 0.043, 3.38/meter, and 1.184 being the resultant values, respectively. Inspection of Fig. 6 reveals the van Genuchten curve has the closest fit to the measured curve over the largest range of water content. Moreover, it also appears qualitatively better because it bends in the same direction as the measured curve at high water content, in contrast to all the other curves. Using these same parameter values along with a value of  $K_s$  of 20  $\mu\text{m/s}$  in Eqs. 17 and 18 for conductivity and diffusivity resulted in the "van Genuchten" dash-dot-dot curves in Figs. 7 and 8. The "van Genuchten" diffusivity curve in Fig. 7 is closer to the data and to the straight line fitted by eye than any of the other curves. Similarly in Fig. 8, the "van Genuchten" curve is closer to the "measured Jackson" curve than any of the others.

Another computer program recently became available to calculate the van Genuchten parameters called RETC, which was written by van Genuchten et al. (1992). In contrast to SLREG, RETC can accommodate values from a hydraulic conductivity-pressure head curve in addition to the soil water retention curve. It then seeks values of  $\theta_s$ ,  $\theta_r$ ,  $\alpha$ , and  $n$  which minimize the sum of squares of deviation from both curves. It is difficult to get a K-h curve, and most modelers will feel lucky if they have a value for the saturated conductivity,  $K_s$ , for their soil, so the first procedure using only the retention curve and  $K_s$  with SLREG (or RETC) is probably more generally applicable. Nevertheless, using the Jackson (1973) curves from Figs. 6 and 8 in RETC, produced values of 0.359, 0.076, 1.37/m, and 1.258 for  $\theta_s$ ,  $\theta_r$ ,  $\alpha$ , and  $n$ , respectively. The resultant curves are not plotted in Figs. 6-8 in order to avoid even more clutter, but the fit of the retention curve in Fig. 6 was slightly worse, while the fit to the conductivity curve in Fig. 8 was slightly better, as expected considering that the conductivity data was also included in the fitting process. If the capillary redistribution of the soil water is most important to the user of the data in this report, then probably this latter set of parameters should be used. On the other hand if the soil water retention curve is being used to evaluate plant water potential, then perhaps the user would prefer to use the first set

of parameters with the better fit to the retention curve. We have included the first set of parameters in the data tables.

Thus, there are multiple definitions of  $\theta_s$  and  $\theta_r$  depending on whose theory is being followed. In the soil profile property (FILE2) tables, we have included the Ritchie et al. (196) definition of SAT with the IBSNAT data in the first part of the table. We appended the van Genuchten (1980) fitted values of VGTHS and VGTHR (and ALPHA and XN) to the IBSNAT portion of the files. We assumed these values changed with depth in inverse proportion to bulk density (while  $\alpha$  and  $n$  did not change). Gravel was assumed to dilute  $\theta_s$  and  $\theta_r$  in inverse proportion to the amount of gravel. Because the Marani equation apparently is in use in the GLYCIM and GOSSYM models, values for THETAS, THETAR, and AIRDR are included in the latter part of the tables with the other parameters for these models. For parameters that pertain exclusively to Brooks and Corey theory, ie  $\eta$ , those obtained following Whisler rather than Brust et al. are presented.

It was noted above that the "lower limit of extractable water" and the "drained upper limit" used by the CERES models (Jones and Kiniry, 1986), as determined for our Avondale loam following the algorithm of Ritchie et al. (1986), correspond rather closely with the 1500 kPa "wilting point" and the 33 kPa "field capacity" water contents. It is also interesting to note that the CERES models use a Gardner and Mayhugh diffusivity curve with constant  $D_0$  of  $1.0 \times 10^{-9}$  m<sup>2</sup>/s and  $\beta$  of 35.4, and setting  $\theta_0$  to be the lower limit of extractable water. These parameters yield a line very close to our fitted solid line in Fig. 7, so one would expect the CERES models to be able to simulate the hydrologic processes in Avondale loam reasonably well.

The curves in Figs. 6-8 and associated parameters are for the surface horizon of Avondale loam. Adjustments with depth were estimated as follows. Following Jackson et al. (1974), the retention curve (Fig. 6) was presumed to vary less with gravimetric than volumetric water content, so the water content parameters (THETA0, ; THETAR, ; AIRDR, ; FC) were multiplied by the ratio of the bulk density at the surface (1.45 Mg/m<sup>3</sup>) to that at a particular depth. The largest adjustment with depth was to diffusivity at high water content. There likely was

little shift in the dry range, so DIFF0 was held constant with depth. The saturated hydraulic conductivity data of Bouwer and Rice (1965) presented above were used to proportionately reduce diffusivity at saturation (Eq. [5]) and slope of the line (semi-log, Fig. 7), BETA, was adjusted to connect the DIFF0, THETA0 point with the new saturated diffusivity value at saturated water content.

Deep or lower boundary soil water content (THETA1): In GOSSYM, the water content at the bottom of the lowest layer of the soil profile at the beginning of the season must be given as THETA1. Then at a given time, TD (days), after the appearance of the first bloom, the water content is modeled to decline at a rate given by BDSLOP ( $(\text{m}^3/\text{m}^3)/\text{day}$ ) until it reaches some final low water content defined a given ratio, BDRATO, which is the ratio of the initial to the final water content. To some extent, this empirical approach requires that an experiment be performed to obtain TD, BDSLOP, and BDRATO. The soil profiles have been defined to a depth of 190 cm in the files for these experiments. Soil water content was measured in some of the plots down to a depth of 150 cm and only in 1984 and 1986 did it change significantly at the 150 cm depth during the growing season. The changes came during August. Because the soil profile was defined here to a depth of 190 cm, whereas GOSSYM was developed generally using a 100 cm profile, it was assumed that probably the water content at 190 cm did not change much during the growing season. The "consumptive use" studies of Erie et al. (1982) also suggested that a cotton crop uses little water from below 180 cm in this area. Therefore, TD was taken as 47 (typically used in Mississippi for GOSSYM), BDSLOP as zero, and BDRATO as 1.0. Estimates of the initial water content at 190 cm were made based on the measurements at 150 cm; these values were 0.24, 0.28, 0.22, 0.22, and 0.22 for 1983, 1984, 1985, 1986, and 1987, respectively. Since, the water use from this depth is small, using an average 0.24 probably would not introduce much error, and this value is included in the data files for THETA1.



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## GLOSSARY

- ALPHA(L) - parameter in the van Genuchten soil water retention curve (van Genuchten, 1980; van Genuchten and Nielsen, 1985; van Genuchten et al., 1992) ( $m^{-1}$ ).
- AFERT - amount of nitrogen fertilizer added on JFDAY(J) (kg N/ha) (same as FERTN).
- AIRDR - volumetric water content of air dry soil in soil layer L ( $m^3/m^3$ ).
- AMP - annual amplitude (maximum minus minimum) in mean monthly temperature ( $^{\circ}C$ ).
- AMTIRR - amount of irrigation added on JDIRR(J) (mm).
- A00 - character representation of day of year.
- BD(L) - moist bulk density of the soil in soil layer L ( $Mg/m^3$ ).
- BDRATO - ratio of initial to final volumetric water content of the bottom soil layer.
- BDSLOP - rate of change of water content in bottom soil layer after day of first bloom ( $(m^3/m^3)/day$ ).
- BEGDATE - beginning date in weather file (8 characters).
- BETA(L) - slope of graph of log (hydraulic diffusivity) vs. volumetric water content for soil layer L (Gardner and Mayhugh 1958).
- CATEXC(L) - cation exchange capacity in soil layer L, (meq/kg).
- CLAY(L) - percentage of clay in soil layer L (%).
- CN2 - SCS curve number used to calculate daily runoff.
- COND - soil hydraulic conductivity (m/s).
- CO2 - mean daily carbon dioxide concentration ( $\mu mol/mol$ ).
- CO2DAT - switch to indicate if daily carbon dioxide concentration data are available (Yes=1, No=0).
- CO2YR - mean seasonal  $CO_2$  concentration ( $\mu mol/mol$ ).
- CTEXPyY.DIR - file name of directory of cotton experiments where yy is year.

DATAID - soil classification.  
 DEWDAT - switch to indicate if dew point temperature data are available (Yes=1, No=0).  
 DEWPT - dew point temperature (°C).  
 DFERT - depth of incorporation of fertilizer application (cm).  
 DIFF - soil water diffusivity (m<sup>2</sup>/s).  
 DIFFO - diffusivity of soil layer L at a low reference water content for Gardner and Mayhugh (1958) equation (m<sup>2</sup>/s).  
 DIFRN - path to Experiment Directory File  
 DLAYR(L) - thickness of soil layer L (cm).  
 DMOD - zero-to-unity factor which reduces the rate constant for mineralization of humus pool of soil for which organic matter is chemically or physically protected (default =1).  
 DNH4(L) - default soil ammonium in soil layer L (mg of N/kg of soil).  
 DNO3(L) - default soil nitrate in soil layer L (mg of N/kg of soil).  
 DPH(L) - default pH of soil layer L.  
 DSOIL - irrigation management depth (cm).  
 DSW(L) - default water content of soil layer L (m<sup>3</sup>/m<sup>3</sup>).  
 DUL(L) - drained upper limit soil water content for soil layer L (m<sup>3</sup>/m<sup>3</sup>).  
 EFFIRR - irrigation system efficiency (fraction).  
 ENDDATE - ending date in weather file (8 characters).  
 ETA(L) - soil characteristic parameter (Brooks & Corey, 1964) relating volumetric water content to soil water potential (matric) for soil in layer L.  
 EXPDES - experiment description (40 characters).  
 EXPID - experiment identifier (8 characters) with in institute code, site code, year of the experiment, and experiment number.



EXPTNO - experiment number.

FC(L) - "field capacity" defined as the volumetric water content at a soil water potential (matric) of -33 kPa or other appropriate value, as specified in PSISFC ( $\text{m}^3/\text{m}^3$ ).

FERCOD - code for placement of fertilizer application, as defined by IBSNAT (1988) where:  
01 - broadcast, not incorporated  
02 - broadcast, incorporated  
03 - banded on surface  
04 - banded beneath surface  
05 - applied in irrigation water  
06 - foliar spray  
07 - bottom of hole  
08 - on the seed  
99 - other

FERTIN - effective amount of inoculants and amendments (kg/ha).

FERTK - effective amount of potassium in fertilizer added (kg/ha).

FERTN - effective amount of nitrogen in fertilizer added (kg/ha).

FERTP - effective amount of phosphorus in fertilizer added (kg/ha).

FILE1 to  
FILE9  
FILEA  
FILEB - names of the data files as defined in the 'File Structures and Data Formats' section.

GBD(L) - bulk density of soil layer L ( $\text{g}/\text{cm}^3$ ).

GH2OC( ) - gravimetric water content of a particular bulk density-root impedance curve (kg/kg).

GLAYR(L) - thickness of soil layer L (cm).

GRAV - acceleration of gravity ( $\text{m}/\text{s}^2$ ).

H - soil water pressure head (m).

HISTORY - brief description of previous cropping history for site.

ID - is a combination of codes for institute, site, year (last two digits), and experiment number.

IDUMSL - number assigned to a soil type.

IFTYPE - code number for the type of fertilizer added on JDFERT, as defined by IBSNAT (1988).

IITYPE - code number for the type of inoculants and amendments added on JDFERT, as defined by IBSNAT (1988).

IIRR - switch describing irrigation (default = 1).  
 1: no irrigation  
 2: irrigation applied using field schedule  
 3: automatically irrigated at threshold soil water  
 4: assume no water stress, water balance not used

IKTYPE - code number for the type of potassium fertilizer, as defined by IBSNAT (1988).

IMERGE - emergence date, Julian day of the year.

INRIM( ) - number of pairs of bulk density / root impedance values defining a curve at a particular water content.

INSTE - code for institute ID in files FILE6, FILE7, FILE8, FILEA, FILEB, and weather files.

INSTS - code for institute ID in soil files FILE4 and FILE5.

INSTW - code for institute ID in weather files FILE1.

INTYPE - code number for the type of nitrogen fertilizer, as defined by IBSNAT (1988), where:  
 05 - urea  
 08 - calcium nitrate  
 10 - urea ammonium nitrate solution.

IPTYPE - code number for the type of potassium fertilizer, as defined by IBSNAT (1988).

IRRCOD - type of irrigation system, as defined by IBSNAT (1988) where:  
 01 - furrow  
 02 - alternating furrows  
 03 - flood  
 04 - sprinkler  
 05 - drip or trickle  
 99 - other

ISIM - Julian day of year simulation begins.

ISOILT - soil number for this treatment.

ISOW - sowing date, Julian day of the year.

ISWDIS - switch to indicate if disease data are available (Yes=1, No=0).

ISWEED - switch to indicate if weed data are available  
(Yes=1, No=0).

ISWINS - switch to indicate if insect data are available  
(Yes=1, No=0).

ISWNEM - switch to indicate if nematode data are available  
(Yes=1, No=0).

ISWNIT - switch to indicate if nitrogen routines are used  
(default=0)  
0: nitrogen subroutines are not used, assumes adequate  
nitrogen.  
1: nitrogen subroutines are used.

IVARTY - cultivar number for this treatment.

IYR - year for which weather data is being read.

J - soil water flux ( $\text{m}^3$  of water  $\text{m}^{-2} \text{s}^{-1}$ ).

JDFERT - Julian day of the year of fertilizer application  
(same as JFDAY).

JDIRR - Julian day of the year of irrigation event J.

JDOY - Julian day of year.

JEMRGD - day of emergence, which is the day of year that 50% of the  
plants emerge from the soil (day of year).

JFDAY - Julian day of the year of fertilizer application.

JFLRJD - day of first flower, which is the day of year that 50% of  
the plants display their first flower (day of year).

JNABSM - measured number of abscised sites per  $\text{m}^2$ .

JNFLWM - measured number of flowers per  $\text{m}^2$ .

JNGBLM - measured number of green bolls per  $\text{m}^2$ .

JNMBLM - measured number of mature bolls per  $\text{m}^2$ .

JNNODM - measured number of nodes per  $\text{m}^2$ .

JNSQRM - measured number of squares per  $\text{m}^2$ .

JSQRJD - day of first square, which is the day of year that 50% of  
the plants display their first square (day of year.)

JUL - Julian date of weather record in data file.

L - soil layer index.

LISTID - Subroutine called by main program of RETRVE to identify which files are to be retrieved (read) and sets the path to these files.

LL(L) - lower limit of plant-extractable soil water for soil layer L, ( $\text{m}^3/\text{m}^3$ ).

LYRSOL - number of soil layers.

NCURVE - number of bulk density / root impedance curves, one for each water content.

NLAYR - number of soil layers.

NH4(L) - soil ammonium in soil layer L (mg N/kg soil).

NOVAR - number of "state" variables for which there are intermediate growth data in FILEB.

NO3(L) - soil nitrate in soil layer L (mg N/kg soil).

NPATH - number of characters in path given by PTODAT.

NV( ) - array of pointers to indicate which "state" variables for which there are data in FILEB.

OC(L) - organic carbon concentration in soil layer L (%).

OUT1 to  
OUT4 - output file names.

PARDAT - switch to indicate if PAR data are available (Yes=1, No=0).

PARFAC - factor to convert  $\text{MJ}/\text{m}^2$  to  $\text{mol}/\text{m}^2$  (2.30 if unknown).

PATHINP.INC - four line file of pathnames for input to Program RETRVE.

PEDON - SCS pedon number.

PH(L) - pH of soil in soil layer L in a 1:1 soil water slurry.

PHFAC3 - variable to reduce apparent photosynthesis attributed to soil fertility (for grain legume models, default = 1.00).

PHOSPH - soil phosphorus in soil layer L (mg P/kg soil).

PLANTS - plant population ( $\text{plants}/\text{m}^2$ )

POTASS - soil phosphorus in soil layer L (mg K/kg soil).

PROCK - procedure used to determine soil K.

PROCN - procedure used to determine soil N.

PROCP - procedure used to determine soil P.

PSI - soil water potential expressed as pressure head (m).

PSIBUB(L) - soil water potential (matric) near saturation taken to be bubbling pressure at which air starts to enter the soil as it dries (kPa, positive number).

PSISFC - soil water potential (matric) used to define field capacity (kPa, positive number).

PSIR - reference low (dry) soil water potential (matric) in Marani equation corresponding to THETAR (kPa).

PTODAT - path to directory containing the data files.

READDA - Subroutine in Program RETRVE that reads data files.

RETRVE.FOR - FORTRAN program to read data files.

RETRVE.OUT - output file from Program RETRVE which is an echo of the data files read by RETRVE.

RHOS - density of solid soil particles (Mg/m<sup>3</sup>).

RHOW - density of water (Mg/m<sup>3</sup>).

ROCK(L) - coarse rock fragments in soil layer L (%).

ROOT - dry weight of root residue of previous crop (kg/ha, default=500).

ROWSPC - row spacing (m).

RSAT - relative saturation as defined by Eq. 14.

RWUMX - maximum daily root water uptake per unit root length (cm<sup>3</sup>/cm root-day, default = 0.03).

SALB - bare soil albedo.

SAND(L) - sand in soil layer L (%).

SAT(L) - saturated water content for soil layer L (m<sup>3</sup>/m<sup>3</sup>).

SCN - C:N ratio of surface residue of previous crop (kg C/kg N, default = 75.).

SCOND(L) - saturated hydraulic conductivity (m/s, or  $\mu\text{m/s}$  in the data files).

SDEP - depth of surface residue incorporation (cm).

SDEPTH - sowing depth L (cm).

SILT(L) - silt in soil layer L (%).

SITEE - code for site ID in files FILE6, FILE7, FILE8, FILEA, and FILEB.

SITES - code for site ID in soil files FILE4 and FILE5.

SNAME - description of soil for root impedance data.

SOLRAD - daily total solar radiation ( $\text{MJ/m}^2$ ).

STATW - code for weather station ID (2 characters).

STDAT - switch to indicate if soil temperature data are available (Yes=1, No=0).

STMAX - daily value of maximum temperature at 10 cm depth in bare soil ( $^{\circ}\text{C}$ ).

STMIN - daily value of minimum temperature at 10 cm depth in bare soil ( $^{\circ}\text{C}$ ).

STRAW - weight of organic residue of previous crop and/or added green manure (kg/ha).

SW(L) - soil water content for soil layer L ( $\text{m}^3/\text{m}^3$ ).

SWCON - soil water drainage constant, (fraction drained/day).

SWCON1 - coefficient in the steady-state solution of the radial-flow root uptake equation ( $\text{cm}^3/\text{cm}$  root-day, default=0.00267).

SWCON2 - coefficient in the steady-state solution of the radial-flow root uptake equation ( $\text{cm}^3/\text{cm}$  root-day, default=58.0).

SWCON3 - coefficient in the steady-state solution of the radial-flow root uptake equation ( $\text{cm}^3/\text{cm}$  root-day, default=6.68).

TAV - annual average ambient air temperature ( $^{\circ}\text{C}$ ).

TAXON - soil classification.

TD - number of days after first bloom that water content of the bottom soil layer begins to change (days).

THETA - volumetric soil water content ( $\text{m}^3/\text{m}^3$ ).

THETAC - percent available water which triggers irrigation (%).

THETAI - initial water content of bottom layer in soil profile for some sites and data sets where this is known ( $\text{m}^3/\text{m}^3$ ).

THETAR(L) - "residual" soil water content of Brooks and Corey (1964) or "reference" soil water content near the wilting point for the Marani equation, taken as THETAO slightly reduced (typically by 0.001) ( $\text{m}^3/\text{m}^3$ ).

THETAS(L) - volumetric water content of soil in layer L at "saturation". Assumed to be the same as the water content at which air starts to enter the soil as it dries (i.e., at the bubbling pressure) ( $\text{m}^3/\text{m}^3$ ).

THETAO(L) - reference volumetric water content of soil in layer L for Gardner and Mayhugh (1958) equation, generally at a low (wilting point) soil water potential of -1500 kPa ( $\text{m}^3/\text{m}^3$ ).

TITLET - title of treatment.

TSTBD( , ) - bulk density at a point on bulk density / root impedance curve ( $\text{Mg}/\text{m}^3$ ).

TRTNO - treatment number.

TSTIMP( , ) - root impedance at a point on the bulk density / root impedance curve ( $\text{kg}/\text{cm}^2$ ).

U - upper limit of stage 1 soil evaporation (mm).

VALFAB - subroutine in Program RETRVE for reading validation data from FILEA and FILEB.

VGTHR(L) - "residual" soil water content fitted to the extrapolated dry end of the retention curve for the van Genuchten equation. (van Genuchten, 1980; van Genuchten and Nielsen, 1985; van Genuchten et al., 1992) ( $\text{m}^3/\text{m}^3$ ).

VGTHS(L) - "saturated" soil water content fitted to the extrapolated wet end of the retention curve for the van Genuchten equation. (van Genuchten, 1980; van Genuchten and Nielsen, 1985; van Genuchten et al., 1992) ( $\text{m}^3/\text{m}^3$ ).

WIND - daily total wind run (km).

WINDYR - long-term average daily total wind run for the experimental site (km).

WNDDAT - switch to indicate if daily wind data are available (Yes=1, No=0).

WR(L) - weighting factor for soil depth L to determine new root growth distribution.

WTHES - weather station description (40 characters).

WTHID - weather station identifier (4 characters).

WTHyy.DIR - file name of directory of weather files where yy is year.

XAPTNP - measured nitrogen content of stems plus burrs plus lint at maturity (kg/ha).

XBIOM - field-measured above-ground biomass at maturity (kg/ha).

XBLSM - field-measured mature boll number (bolls/m<sup>2</sup>).

XLAI - measured leaf area index (m<sup>2</sup>/m<sup>2</sup>).

XLAIMX - maximum leaf area index during season (m<sup>2</sup>/m<sup>2</sup>).

XLAT - latitude of station (degrees).

XLONG - longitude of station (degrees).

XLTYLD - final dry lint yield attainable by hand harvesting (kg/ha).

XM(L) - parameter in the van Genuchten soil water retention curve. (van Genuchten, 1980; van Genuchten and Nielsen, 1985; van Genuchten et al., 1992)

XN(L) - parameter in the van Genuchten soil water retention curve. (van Genuchten, 1980; van Genuchten and Nielsen, 1985; van Genuchten et al., 1992)

XPAR - daily total PAR (mol/m<sup>2</sup>).

XPLTHT - measured plant height (cm).

XRAIN - daily total precipitation (mm/day).

XSDN - measured nitrogen content of seed at maturity (kg/ha).

XSDTN - measured nitrogen concentration in seed at maturity (%).



XSDWT	- measured seed dry weight (g/seed).
XSDYLD	- final dry seed yield (kg/ha).
XSPB	- measured number of seeds per boll (seeds/boll).
XSTBR	- field-measured stem plus burr weight at maturity (kg/ha).
XTMAX	- daily value of maximum air temperature (°C).
XTMIN	- daily value of minimum air temperature (°C).
XTOTNP	- measured total crop nitrogen content at maturity (kg/ha).
XWBURR	- measured dry weight of burrs (kg/ha).
XWGBLH	- measured dry weight of green bolls (kg/ha).
XWLEFH	- measured dry weight of leaves (kg/ha).
XWLINT	- measured dry weight of lint (kg/ha).
XWMBLH	- measured dry weight of mature bolls (kg/ha).
XWROTH	- measured dry weight of roots (kg/ha).
XWSEED	- measured dry weight of seed (kg/ha).
XWSTMH	- measured dry weight of stems (kg/ha).
X1FERT	- distance from plant row to closest edge of fertilizer application area (cm).
X1IRR	- distance from plant row to closest edge of water application area (cm).
X2FERT	- distance from plant row to furthest edge of fertilizer application area (cm).
X2IRR	- distance from plant row to furthest edge of water application area (cm).
YEAR	- year, last 2 digits
Z	- depth or length variable (m).
Z1FERT	- topmost depth in soil where fertilizer is applied (cm).
Z1IRR	- topmost depth in soil where water is applied (cm). For flood, sprinkler, or furrow irrigation, the appropriate entry would be zero.

Z2FERT - lowest depth in soil where fertilizer is applied (cm).

Z2IRR - lowest depth in soil where water is applied (cm).

## FILE STRUCTURES AND DATA FORMATS

### Modifications to IBSNAT Standard

In 1986 a group of plant growth modelers collaborated in an effort to standardize crop model input and output file structures. Operating under the auspices of the International Benchmark Sites of Agrotechnology Transfer (IBSNAT) Project, they published IBSNAT Technical Report 5, Decision Support System for Agrotechnology Transfer (DSSAT), Documentation for IBSNAT Crop Model Input and Output Files, Version 1.0. Such standardization should facilitate cooperation and exchange of data among different groups of workers and thus aid plant model development because adhering to the standard will minimize the need to continually reformat.

As is the case with all attempts to standardize, however, the individuals doing the standardizing were working from within the confines of their collective experience, and they could not foretell future needs. In this case, the IBSNAT standard 1.0 was authored primarily by individuals involved with the development of the CERES-Maize (Jones and Kiniry, 1986), CERES-Wheat (Ritchie and Otter, 1985), and SOYGRO (Wilkerson et al., 1985), which for example do not use humidity information nor do they consider CO<sub>2</sub> concentration to be a weather or climate variable. They also use different parameters to characterize soil hydraulic properties than do the GOSSYM (Baker et al., 1983) and GLYCIM (Acock et al., 1982) family of models. Another important (to us) aspect not addressed by IBSNAT (1986) is that cotton was not one of the original crops. Hence, it was necessary to establish our own formats for the plant growth and yield data, but following IBSNAT as much as possible.

To overcome some of these particular limitations and achieve a more general standard, Acock (B. Acock, personal communication, 1988) prepared tentative modifications to the IBSNAT 1.0 standard. The dialogue is continuing, and therefore any format used in this report is destined for early obsolescence. However, in order that these data be useful for validating models for as many users as possible, the

parameters required to meet the IBSNAT (1986) standard are presented as closely as possible. Then the IBSNAT parameters are followed by those proposed by Acock or by ourselves and then by any additional required by GOSSYM. The variable definitions and the formats used are listed in the following Format Tables. Those we have proposed and followed for cotton are listed in the FILEA and FILEB Tables.

CTEXPy.DIR: Directory of Experiment Files

<u>Variable Name</u>	<u>FORTRAN Format</u>	<u>Description</u>
<i>Format for line 1</i>		
EXPID	A8	Experiment identifier.
EXPDES	1X,A40	Experiment description.
FILE1	1X,A12	Daily weather data file name.
FILE2	1X,A12	Soil profile file name.

*Format for line 2*

FILE4	A12	Soil organic residue file name.
FILE5	1X,A12	Soil profile initial conditions file name.
FILE6	1X,A12	Irrigation management file name.
FILE7	1X,A12	Fertilizer management file name.
FILE8	1X,A12	Treatment management file name.
FILE9	1X,A12	Genetic coefficients file name.

*Format for line 3*

FILEA	A12	Measured crop harvest summary file name.
FILEB	1X,A12	Measured intermediate growth data file name.
OUT1	1X,A7	File name for output file 1.
OUT2	1X,A7	File name for output file 2.
OUT3	1X,A7	File name for output file 3.
OUT4	1X,A7	File name for output file 4.

Repeat in blocks of 3 lines for additional experiments. For the cotton experiments presented in this manuscript, each plot was considered a separate experiment each year, and therefore each block of three lines in the CTEXPy.DIR files contains the file names of the data files appropriate for that plot.

WTHyy.DIR: Directory of Weather Files

<u>Variable Name</u>	<u>FORTRAN Format</u>	<u>Description</u>
<i>Format for all lines</i>		
WTHID	A4	Weather station ID.
WTHDES	1X,A40	Weather station description.
BEGDATE	A8	Beginning date in weather file.
ENDDATE	1X,A8	Ending date in weather file.
FILE1	1X,A12	Weather file name.

FILE1: Daily Weather File

<u>Variable Name</u>	<u>FORTTRAN Format</u>	<u>Description</u>
<i>Format for line 1</i>		
INSTW	A2	Code for institute ID.
STATW	A2	Code for weather station ID.
XLAT	1X,F6.2	Latitude of station (degrees).
XLONG	1X,F6.2	Longitude of station (degrees).
PARFAC	1X,F5.2	Factor to convert total daily solar radiation in MJ/m <sup>2</sup> to PAR in mol/m <sup>2</sup> .
PARDAT	1X,I1	PAR data available (Yes=1, No=0).
WNDDAT	1X,I1	Wind data available (Yes=1, No=0).
DEWDAT	1X,I1	Dewpoint temperature data available (Yes=1, No=0).
STDAT	1X,I1	Soil Temperature data available (Yes=1, No=0).
CO2DAT	1X,I1	Daily average carbon dioxide concentration data available (Yes=1, No=0).
CO2YR	1X,F4.0	Mean seasonal carbon dioxide concentration ( $\mu$ mol/mol, use 345 if unknown, must be present if CO2DAT=0).
WINDYR	1X,F5.1	Average daily wind run for the site (km, must be present if WNDDAT=0).

*Format for all other lines*

INSTW	A2	Code for institute ID.
STATW	A2	Code for weather station ID.
IYR	1X,I2	Year of weather record.
JUL	1X,I3	Julian date (day of year).
SOLRAD	1X,F5.2	Daily total solar radiation (MJ/m <sup>2</sup> ).
XTMAX	1X,F5.1	Daily maximum air temperature (°C).
XTMIN	1X,F5.1	Daily minimum air temperature (°C).
XRAIN	1X,F5.1	Daily total precipitation (mm).
XPAR	1X,F6.2	Daily total PAR (mol/m <sup>2</sup> ).
WIND	1X,F5.1	Daily total wind run (km).
DEWPT	1X,F5.1	Daily average dew point temperature (°C).
STMAX	1X,F5.1	Daily maximum soil temperature at the 10 cm depth (°C).
STMIN	1X,F5.1	Daily minimum soil temperature at the 10 cm depth (°C).
CO2	1X,F4.0	Daily carbon dioxide concentration ( $\mu$ mol/mol).
A00	1X,A7	Optional date (day-3 character month)

**FILE2: Soil Profile Properties**

<u>Variable Name</u>	<u>FORTTRAN Format</u>	<u>Description</u>
<i>Format for line 1</i>		
IDUMSL	1X,I2	Number assigned to a soil type.
PEDON	1X,A12	SCS pedon number.
TAXON	1X,A60	Soil classification.
<i>Format for line 2</i>		
SALB	F6.2	Bare soil albedo.
U	1X,F5.2	Upper limit of stage 1 soil evaporation (mm).
SWCON	1X,F6.2	Soil water drainage constant, fraction drained per day.
CN2	1X,F6.2	SCS curve number used to calculate daily runoff.
TAV	1X,F5.1	Annual average ambient temperature (°C).
AMP	1X,F5.1	Maximum minus minimum mean monthly temperature (°C).
DMOD	1X,F3.1	Zero-to-unity factor which reduces the rate constant for mineralization of the humus pool for soils which are poor mineralizers due to chemical or physical protection of the organic matter (default=1).
SWCON1	1X,E9.2	Coefficient in the radial flow root uptake equation (cm <sup>3</sup> /cm root-day, default = 0.267E-02).
SWCON2	1X,F6.1	Coefficient in the radial flow root uptake equation (cm <sup>3</sup> /cm root-day, default = 58.0).
SWCON3	1X,F5.2	Coefficient in the radial flow root uptake equation (cm <sup>3</sup> /cm root-day, default = 6.68).
RWUMX	1X,F5.2	Maximum daily root water uptake per unit root length (cm <sup>3</sup> /cm root-day, default = 0.03).
PHFAC3	1X,F4.2	Variable to reduce apparent photosynthesis attributed to soil fertility (default = 1.00).

Format for line 3 through NLAYR+2

DLAYR(L)	F6.0	Thickness of soil layer L, cm.
LL(L)	1X,F6.3	Lower limit of plant-extractable soil water for soil layer L ( $\text{m}^3/\text{m}^3$ ).
DUL(L)	1X,F6.3	Drained upper limit soil water content for soil layer L ( $\text{m}^3/\text{m}^3$ ).
SAT(L)	1X,F6.3	Saturated water content for soil layer L ( $\text{m}^3/\text{m}^3$ ).
DSW(L)	1X,F6.3	Default soil water content for soil layer L ( $\text{m}^3/\text{m}^3$ ).
WR(L)	1X,F6.3	Weighting factor for soil depth L to determine new root growth distribution.
BD(L)	1X,F5.2	Moist bulk density of soil layer L ( $\text{g}/\text{cm}^3$ ).
OC(L)	1X,F5.2	Organic carbon concentration in soil layer L ( $\text{g}/\text{cm}^3$ ).
DNH4(L)	1X,F4.1	Default soil ammonium in soil layer L (mg elemental N/kg soil).
DNO3(L)	1X,F4.1	Default soil nitrate in soil layer L (mg elemental N/kg soil).
DPH(L)	1X,F4.1	Default pH of soil layer L in a 1:1 soil:water slurry.

Format for line NLAYR + 3

Enter a -1 to signal end-of-data for this block of soil profile data.

Format for lines NLAYR+4 through 2\*NLAYR+4

ROCK(L)	1X,F4.1	Coarse rock fragments in soil layer L (%).
SAND(L)	1X,F4.1	Sand in soil layer L (%).
SILT(L)	1X,F4.1	Silt in soil layer L (%).
CLAY(L)	1X,F4.1	Clay in soil layer L (%).
SCOND(L)	1X,F4.1	Saturated hydraulic conductivity in soil layer L ( $\mu\text{m}/\text{s}$ ).
CATEXC(L)	1X,F5.1	Cation exchange capacity in soil layer L (meq/kg).
ALPHA(L)	1X,F6.3	Empirical parameter for the van Genuchten soil water retention curve ( $\text{m}^{-1}$ ).
XN(L)	1X,F6.3	Empirical parameter for the van Genuchten soil water retention curve.



VGTHS	1X,F6.3	"Saturated" water content from fitting van Genuchten soil water retention curve ( $m^3/m^3$ ).
VGTHR	1X,F6.3	"Residual" water content from fitting van Genuchten soil water retention curve ( $m^3/m^3$ ).
<i>Format for line 2*NLAYR+5</i>		
DATAID	20A4	Soil description
<i>Format for line 2*NLAYR+6</i>		
LYRSOL	*	Number of soil layers (GOSSYM model)
<i>Format for lines 2*NLAYR+7 through 2*NLAYR+7+LYRSOL</i>		
DIFFO(L)	*	Diffusivity of soil layer L at low reference water content for Gardner and Mayhugh equation ( $m^2/s$ ).
THETA0(L)	*	Reference water content for Gardner and Mayhugh equation. Usually at wilting point or -1.5 MPa ( $m^3/m^3$ ).
BETA(L)	*	Soil characteristic parameter of layer L for Gardner and Mayhugh equation.
GLAYR(L)	*	Thickness of layer L (cm).
THETAS(L)	*	Saturation water content of layer L. Assumed to be same as water content at the bubbling pressure. ( $m^3/m^3$ ).
FC(L)	*	Water content at "field capacity" of 33 kPa or other potential specified by PSISFC. ( $m^3/m^3$ ).
THETAR(L)	*	"Residual" water content for Brooks and Corey equation, generally is THETA0(L) slightly reduced, typically by 0.001 ( $m^3/m^3$ ).
AIRDR(L)	*	Water content of air dry soil ( $m^3/m^3$ ).
ETA(L)	*	Soil characteristic parameter of layer L for Brooks and Corey equation.
GBD(L)	*	Bulk density of layer L ( $g/cm^3$ ).

PSIBUB(L)           \*           Bubbling pressure or "saturation"  
   soil water potential of layer  
   L at which air starts to enter  
   the soil as it dries (kPa,  
   positive number).

*Format for line 2\*NLAYR+7+LYRSOL+1*

Same as immediately above for recently cultivated soil, except the layer thickness, GLAYR, is omitted.

*Format for line 2\*NLAYR+7+LYRSOL+2*

Same as immediately above for soil in a wheel track, and again the layer thickness is omitted.

*Format for line 2\*NLAYR+7+LYRSOL+3*

TD	*	Number of days after first bloom that water content of bottom soil layer begins to change (days).
THETAI	*	Initial water content of bottom layer in soil profile ( $\text{m}^3/\text{m}^3$ ).
BDSLOP	*	Rate of change of water content in bottom soil layer after day of first bloom ( $(\text{m}^3/\text{m}^3)/\text{day}$ ).
BDRATO	*	Ratio of the initial to the final water water content of the bottom soil layer.
PSISFC	*	Soil water potential used to define field capacity (kPa, positive number).

*Format for line 2\*NLAYR+7+LYRSOL+4*

SNAME	20A4	Description of soil for root impedance data.
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*Format for line 2\*NLAYR+7+LYRSOL+5*

NCURVE	*	Number of iso-water content curves of root impedance versus bulk density.
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*Format for next NCURVE sets of data*

INRIM( )	*	Number of root impedance-bulk density pairs of points on curve.
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GH2OC( ) \* Water content of a particular root  
impedance-bulk density curve  
(kg/kg).

*Format for next NRIM( ) pairs of data*

TSTBD( , ) \* Bulk density at a point on the root  
impedance-bulk density curve  
(Mg/m<sup>3</sup>).

TSTIMP( , ) \* Root impedance at point on the root  
impedance-bulk density curve  
(kg/cm<sup>2</sup>).

FILE4: Soil Organic Residue Data

INSTS	A2	Code for institute ID.
SITES	A2	Code for site ID.
YEAR	A2	Year number, last 2 digits.
EXPTNO	I2	Experiment number.
TRTNO	1X,I2	Treatment number.
STRAW	1X,F5.0	Weight of organic residue of previous crop and/or added green manure (kg/ha).
SDEP	1X,F5.0	Depth of surface residue incorporation (cm).
SCN	1X,F5.0	C:N ratio of surface residue of previous crop (kg C/kg N, default = 75.).
ROOT	1X,F5.0	Dry weight of root residue of previous crop (kg/ha, default = 500.).

**FILE5: Soil Profile Initial Conditions**

*Format for line 1*

TRTNO	I2	Treatment number.
INSTS	1X,A2	Code for institute ID.
SITES	A2	Code for site ID.
YEAR	A2	Year number, last 2 digits.
EXPTNO	I2	Experiment number.

*Format for all other lines*

DLAYR(L)	F6.0	Depth of layer L (cm, enter -1 to signal end-of-data).
SW(L)	1X,F6.3	Initial soil water content of soil layer L ( $m^3/m^3$ ).
NH4(L)	1X,F4.1	Initial soil ammonium in layer L (mg elemental N/kg soil).
NO3(L)	1X,F4.1	Initial soil nitrate in layer L (mg elemental N/kg soil).
PH(L)	1X,F4.1	Initial pH of soil layer L in a 1:1 soil:water slurry.

## FILE6: Irrigation Management File

Description. This file contains the information about irrigations applied to the crop. The first line contains the usual identification information. Then, each subsequent line contains date, irrigation amount, method, and placement information. The water is assumed to be applied as rectangular line source defined by the upper-left and lower-right coordinates. Using the plant row for the origin, a flood irrigation would be described by say 0,0 ( $X_1, Z_1$ ) and 100,0 ( $X_2, Z_2$ ) for a 100 cm row spacing. The coordinates for a drip irrigation tube installed at a depth of 30 cm midway between the rows would be 50,30 and 50,30, thus effectively defining a line source. The coordinates for a furrow irrigation that floods approximately half the land surface (with the crop row at the top of the ridge) would be 25,0 and 75,0.

A "-1" should be placed at the end in the day number column to indicate end-of-data.

<u>Variable Name</u>	<u>FORTTRAN Format</u>	<u>Description</u>
<i>Format for line 1</i>		
TRTNO	I1,I2	Treatment number.
INSTE	A2	Code for institute ID.
SITEE	A2	Code for site ID.
YEAR	I2	Year number, last 2 digits.
EXPTNO	I2	Experiment number.
<i>Format for line 2 and subsequent lines</i>		
JDIRR(J)	I3	Day of Year (Julian) of the Jth irrigation.
AMTIRR(J)	F5.0	Effective amount of irrigation added, (mm). This is expressed in terms of unit volume of water applied per unit of land area, i.e., ( $m^3/m^2$ )*1000.
IRRCOD(J)	I2	Code for irrigation method as listed by IBSNAT (1988).
X1IRR(J)	F6.1	Distance from plant row to closest edge of water application area (cm).
Z1IRR(J)	F6.1	Topmost depth in soil where water is applied (cm). For flood, sprinkler, or furrow irrigation, the appropriate entry would be zero.
X2IRR(J)	F6.1	Distance from plant row to furthest edge of water application area (cm).
Z2IRR(J)	F6.1	Lowest depth in soil where water is applied (cm).

## FILE7: Fertilizer Management File

Description. This is the file containing the information about fertilizer applications. The first line contains the usual identification information. Then, each subsequent line contains date, fertilizer amount, type, and placement information.

The amount and type-source code for N, P, and K fertilizers and other inoculants and amendments are all supplied. The type-source code is from IBSNAT Technical Report 1, 3rd ed. (1988).

The fertilizer is assumed to be applied in a rectangular band defined by the upper-left and lower-right coordinates. Using the plant row for the origin, a broadcast application would be described by say 0,0 ( $X_1, Z_1$ ) and 100,0 ( $X_2, Z_2$ ) for a 100 cm row spacing. If this broadcast fertilizer is incorporated into the top 10 cm of soil, then the coordinates would be 0,0 and 100,10. The coordinates for a band 10 cm from the row and 10 cm deep would be 10,10 and 10,10. The coordinates for a sidedress application on the soil surface extending 10 cm from the row to 30 cm from the row would be 10,0 and 30,0.

A "-1" should be placed at the end in the day number column to indicate end-of-data.

<u>Variable Name</u>	<u>FORTRAN Format</u>	<u>Description</u>
<i>Format for line 1</i>		
TRTNO	I1,I2	Treatment number.
INSTE	A2	Code for institute ID.
SITEE	A2	Code for site ID.
YEAR	I2	Year number, last 2 digits.
EXPTNO	I2	Experiment number.
<i>Format for line 2 and subsequent lines</i>		
JDFERT(J)	I3	Day of Year (Julian) of the Jth fertilizer application.
FERTN(J)	F5.1	Effective amount of nitrogen in fertilizer added, (kg/ha).
DFERT(J)	F5.1	Depth of incorporation of fertilizer (cm).
INTYPE(J)	I3	Code number for nitrogen fertilizer.
FERTP(J)	F5.1	Effective amount of phosphorus in fertilizer added, (kg/ha).
IPTYPE(J)	I3	Code number for phosphorus fertilizer.
FERTK(J)	F5.1	Effective amount of potassium in fertilizer added, (kg/ha).
IKTYPE(J)	I3	Code number for potassium fertilizer.
FERTIN(J)	F5.1	Effective amount of "other"

IITYPE(J)	I3	inoculants and amendments. Code for "other" inoculants and amendments.
FERCOD(J)	I2	Code for application placement as listed by IBSNAT (1988).
X1FERT(J)	F6.1	Distance from plant row to closest edge of fertilizer application area (cm).
Z1FERT(J)	F6.1	Topmost depth in soil where fertilizer is applied (cm).
X2FERT(J)	F6.1	Distance from plant row to furthest edge of fertilizer application area (cm).
Z2FERT(J)	F6.1	Lowest depth in soil where fertilizer is applied (cm).



**FILE8: Treatment Management Data**

<u>Variable Name</u>	<u>FORTRAN Format</u>	<u>Description</u>
<i>Format for line 1</i>		
INSTE	A2	Code for institute ID.
SITEE	A2	Code for site ID.
YEAR	I2	Year number, last two digits.
EXPTNO	I2	Experiment number.
TRTNO	1X,I2	Treatment number.
TITLET	1X,A40	Title of Treatment.
ISOILT	1X,I4	Soil number for this treatment.
IVARTY	1X,I4	Cultivar number for this treatment.
<i>Format for line 2 of each treatment</i>		
ISIM	I4	Julian date (day of year) simulation begins.
ISOW	1X,I3	Sowing date (Julian day of year).
PLANTS	1X,F6.2	Plant population (plants/m <sup>2</sup> ).
ROWSPC	1X,F6.3	Row spacing (m).
SDEPTH	1X,F5.2	Sowing depth (cm).
IIRR	1X,I2	Switch describing irrigation (default=1) 1. no irrigation applied. 2. irrigation applied according to actual field schedule. 3. automatically irrigated at threshold soil water. 4. assume no water stress, water balance not used.
ISWNIT	1X,I2	Switch to indicate if nitrogen routines are used (default=0). 0. nitrogen routines are not used and assume adequate N. 1. nitrogen routines are used.
EFFIRR	1X,F6.2	Irrigation efficiency (fraction).
DSOIL	1X,F5.2	Irrigation management depth (m).
THETAC	1X,F6.1	Available water triggering irrigation (%).
IMERGE	1X,I3	Emergence date (Julian day of year).
ISWEED	1X,I2	Switch to indicate weed data are available (0=No).
ISWINS	1X,I2	Switch to indicate insect data are available (0=No).
ISWNEM	1X,I2	Switch to indicate nematode data are available (0=No).
ISWDIS	1X,I2	Switch to indicate disease data are available (0=No).

*Format for line 3 of each treatment*

HISTRY

1X,A76

Brief description of previous  
cropping history for site.

FILEA: Measured Cotton Crop Harvest Summary Data

Description. FILEA is a small file which contains a summary of measured field harvest data for the crop for a particular treatment averaged over all replications. The following proposed format for cotton follows the IBSNAT formats for maize, wheat, and soybean as closely as possible. The "X" for the initial letter of variable names indicates experimentally observed data.

<u>Variable Name</u>	<u>FORTTRAN Format</u>	<u>Description</u>
<i>Format for line 1</i>		
INSTE	A2	Code for institute ID.
SITEE	A2	Code for site ID.
YEAR	I2	Year number, last two digits.
EXPTNO	I2	Experiment number.
TRTNO	1X,I2	Treatment number.
XLTYLD	1X,F7.0	Actual field-measured lint yield (dry weight basis, kg/ha). This is the yield attainable by hand harvesting. If the cotton was harvested by machine, then the data must first be corrected for "gin turnout" or "harvest efficiency".
XSDYLD	1X,F7.0	Actual field-measured seed yield (dry weight basis, kg/ha).
XSDWT	1X,F7.4	Measured seed dry weight (g/seed).
XBLSM	1X,F6.0	Field-measured boll number (bolls/m <sup>2</sup> ).
XSPB	1X,F4.0	Field-measured number of seeds per boll (seeds/boll).
XLAIMX	1X,F5.2	Maximum leaf area index during season (m <sup>2</sup> /m <sup>2</sup> ).
XBIOM	1X,F6.0	Field-measured above-ground dry biomass at maturity (kg/ha).
XSTMBR	1X,F6.0	Field-measured stem plus burr weight at maturity (kg/ha).
<i>Format for line 2</i>		
XSDTN	F6.2	Measured nitrogen concentration in seed at maturity (%).
XTOTNP	1X,F5.1	Measured total crop nitrogen content at maturity (kg/ha).
XAPTNP	1X,F5.1	Measured nitrogen content of stems plus burrs plus lint at maturity (kg/ha).
XSDN	1X,F5.1	Measured nitrogen content of seed at maturity (kg/ha).

**FILEB: Measured Cotton Intermediate Growth Data (for graphics)**

Description. FILEB contains observed crop growth data obtained at intermediate days during the growing season. Data for all treatments of an experiment are stored in one file. The first line is header information which identifies the source of the data followed by days of year at which emergence, first square, and first flower occurred. On the second line, the first variable identifies the number of state variables for which there are matching field data, and the rest of the variables on this line are pointers which indicate the state variable for each column of data. Starting with the third line, there is one line of data for each observation date recorded in the minimum data set (MDS). Replication data for each treatment can be included by using a different line of data for each rep. A "-1" on the line immediately following a data line indicates the end of data for a specific treatment. The "X" or "J" for the first letter of the variable names indicates experimentally observed data.

<u>Variable Name</u>	<u>FORTTRAN Format</u>	<u>Description</u>
<i>Format for line 1</i>		
INSTE	* or A2	Code for institute ID.
SITEE	* or A2	Code for site ID.
YEAR	* or I2	Year number, last two digits.
EXPTNO	* or I2	Experiment number.
TRTNO	* or 1X,I2	Treatment number.
JEMRGD	* or 1X,I3	Day of emergence which is the day that 50% of the plants emerge from the soil (day of year).
JSQRJD	* or 1X,I3	Day of first square which is the day of year that 50% of the plants in the field displayed their first square (day of year).
JFLRJD	* or 1X,I3	Day of first flower which is the day of year that 50% of the plants in the field displayed their first flower (day of year).
<i>Format for line 2</i>		
NOVAR	* or I3	No. of state variables for which there are matching field data.
NV(I),I=1,NOVAR	* or (NOVAR)I3	Pointer which indicates state variable number for each column of data

Format for line 3 and beyond

JDOY()	* or I3	Day of Year (Julian).
NV(1) or XPLTHT()	* or F5.0	Plant height (cm).
NV(2) or XLAI()	* or F6.2	Leaf Area Index (m <sup>2</sup> /m <sup>2</sup> ).
NV(3) or JNNODM()	* or I5	No. nodes/m <sup>2</sup> .
NV(4) or JNSQRM()	* or I4	No. squares/m <sup>2</sup> .
NV(5) or JNFLWM()	* or I4	No. flowers/m <sup>2</sup> .
NV(6) or JNGBLM()	* or I4	No. green bolls/m <sup>2</sup> .
NV(7) or JNMBLM()	* or I4	No. open mature bolls/m <sup>2</sup> .
NV(8) or JNABSM()	* or I5	No. abscised sites/m <sup>2</sup> .
NV(9) or XWLEFH()	* or F8.0	Dry leaf weight (kg/ha).
NV(10) or XWSTMH()	* or F8.0	Dry stem weight (kg/ha).
NV(11) or XWROTH()	* or F8.0	Dry root weight (kg/ha).
NV(12) or XWGBLH()	* or F8.0	Dry green boll weight (kg/ha).
NV(13) or XWMBLH()	* or F8.0	Dry mature boll weight (kg/ha).
NV(14) or XWLINT()	* or F8.0	Dry lint weight (kg/ha).
NV(15) or XWSEED()	* or F8.0	Dry seed weight (kg/ha).
NV(16) or XWBURR()	* or F8.0	Dry burr weight (kg/ha).

\* Format uses one or more spaces to separate one variable from the next.

### Treatment Sorting Order

In the data tables that follow, the presentation sequence follows treatment order, rather than plot number order. As can be seen from a scan of the Table of Contents, the treatments are listed in the order CO<sub>2</sub> - irrigation - nitrogen - replication, with replication cycling fastest and CO<sub>2</sub> slowest. We used open-top field chambers whose environment might be affected by the CO<sub>2</sub>, irrigation, or nitrogen treatment. Therefore, each plot was regarded as a separate site and was outfitted with a psychrometer to measure temperatures, as discussed previously. The sites were identified by plot codes in 1983, as shown in Fig. 1 (2B, 3A, etc.), or sequence numbers in 1984-1987, as shown in Figs. 2-3 (01, 02, ..., 16), and these codes or sequence numbers were used for the site ID, SITEE (and SITES for FILE4 and FILE5).

Each site had its own weather file each year, as well as treatment management (FILE8), final harvest summary (FILEA), and intermediate growth (FILEB) files. However, the data for some of the files were common to all plots or sites that year. To save space and needless duplication, therefore, in such cases the data for all plots is in the file named for the site with the lowest level of all variables. For example, in 1983 all plots received the same fertilizer management, and these data are in the file for the lowest CO<sub>2</sub> level (open field) and rep I, which was plot 4A (Fig. 1). Thus, the fertilizer management data for all plots in 1983 are in file PX4A8301.CT7. Another example is the soil organic residue data for 1986, which also was the same for all plots. In this case the lowest treatment level would be ambient CO<sub>2</sub>, dry, N-, rep I, which was in plot 07 (or ID3 in Fig. 3), and these soil organic residue data are in file PX078601.CT4. In any event, the experiment file directories (CTEXP\_\_.DIR) list the proper group of files needed for each year-plot combination that defines the individual experiments.

### Spreadsheet Template for Data Entry

As can be seen from the Format Tables, the IBSNAT (1986) standard prescribes numerous files with detailed naming and format conventions. To aid data entry in the correct sequence and format, and to assist in properly naming all the files, a spreadsheet template was written. It

was written using macros for Quatro but should work with Lotus 1-2-3 also. It is available upon request from the authors.

DOCUMENTATION OF PROGRAM RETRVE  
FOR READING THE DATA FILES

An algorithm named 'RETRVE.FOR' was developed to read in all the data files, i.e., daily weather, soil profile properties, soil organic residue, soil profile initial conditions, irrigation management, fertilizer management, treatment management, measured cotton crop harvest summary, and measured cotton intermediate growth data, which correspond to a particular treatment combination for a given year. A PC-based OTG ANSI FTN77 software package (University of Salford FTN77/386 revision C, P.O. Box 5250, 308 Mulberry Street, Scranton, PA 18505) was used as the developmental tool; therefore, all code complies with the ANSI standard and should be transportable to other FORTRAN compilers. Wherever possible, RETRVE.FOR was structured to adhere to the IBSNAT standard as closely as possible, as discussed in the 'File Structure and Data Formats' section of this document.

Structure of RETRVE.FOR: RETRVE.FOR, contains a main routine, MAIN, and three subroutines, LISTID, READDA and VALFAB. MAIN will prompt the user to verify that the include file, 'PATHINP.INC', has been edited correctly. It then reads this file into the appropriate variables. MAIN calls subroutine LISTID which will use the information in the PATHINP.INC file to identify which files are to be retrieved. It also sets the path to those files. Subroutine LISTID then calls subroutine READDA. This routine will open both the files to be read and the output file, RETRVE.OUT. All files which contain variables to be interfaced with the simulation model are read in consecutive order by READDA. Files A and B, which are validation data files, are processed in a separate subroutine, VALFAB. All data read in are echoed into an output file, 'RETRVE.OUT'. File B data are loaded into a multidimensional array. An array indexing technique is employed to load the individual state variable arrays according to identification array, NV(I). These single dimensional arrays along with the JDOY array provide real world observed data which can be plotted along with simulated values from a plant growth model to validate the model's predictions.



PATHINP.INC file: The 'CTEXPy.DIR' files contain a list of all the file names associated with the results from a particular year's experiment. These files, therefore are the key to the database. An input file named PATHINP.INC is the control input file used by RETRVE.FOR to retrieve the desired files within the database. As illustrated in Table 2, it contains four lines. Each line corresponds to the following variables in the RETRVE.FOR algorithm. (1) EXPID - an 8 digit character string which identifies the experimental data set desired for a particular treatment combination within a year, ex. 'PX158701'. (2) DIRFN - sets the path and gives the file name of the desired year 'CTEXPy.DIR'. For example, if you desire to extract data files from a 1987 experiment using your floppy drive A:, then set DIRFN to 'A:\CTEXTP87.DIR'; otherwise, if you have loaded the data files onto your hard drive, then simply set the path to the proper directory. For example, a subdirectory used to hold your FORTRAN data files could be used 'C:\FTN77\DATA87\CTEXTP87.DIR'. (3) PTODAT - sets the path to the directory which contains the actual data files for a given EXPID and year. This path must be set similarly to that in the previous example, i.e. 'A:\' for files located in floppy drive A:, and 'C:\FTN77\DATA87\' for the data files located in a \FTN77\DATA87\ subdirectory of your hard drive, C:, (4) NPATH - gives the number of characters used in the character string which sets the path in variable PTODAT; for example, if the path is set to the floppy drive A:\, 'A:\', then NPATH is 3. If it is set to 'C:\FTN77\DATA87\'', then NPATH is set to 16. It is important that NPATH be set correctly so that the name of each file to be opened can be concatenated to the existing path, thereby enabling those files to be opened and eventually read by RETRVE.FOR. Note!, NPATH must not exceed 45 which limits the character string used to set the paths in both the DIRFN and PTODAT variables.

Running RETRVE.FOR: After editing the PATHINP.INC file, and compiling and linking the source code in RETRVE.FOR, RETRVE is ready for execution. During a run it will prompt the user to verify that the PATHINP.INC file is set up correctly. The user should enter '1' if PATHINP.INC is correct; otherwise enter '2' to discontinue and edit PATHINP.INC.

During execution, the complete path and file names being processed are echoed to the screen. This will allow verification that the correct files are being loaded.

Output from RETRVE.FOR: Execution RETRVE will generate an output file called RETRVE.OUT. This file is output in the same directory that RETRVE is executed. It consists of nothing more than an echo of the input files read. This is a further check to verify that the actual data is the same as that in the text portion of the document.

Interfacing algorithm RETRVE.FOR with a cotton simulation model:  
The RETRVE.FOR source code has been developed so that it can be readily interfaced with any cotton simulation model. After each of the input files has been opened in subroutine READDA, the variables within the file are read and can be interfaced directly with the corresponding variables in the cotton model being used, as illustrated by tables after each of the READ statements in READDA. The original source code makes these interface tables non-executable by having C's in the first column to make them comments.

To use these interface tables, simply insert the variable names used in your model which correspond to the input variable names used in the IBSNAT standard. Check for consistency in units. If the units differ, a conversion factor can be used to scale the variables properly. Lastly, remove the C's so that the comments become executable statements, re-compile, link, and run the executable program.

Table 2. example of a PATHINP.INC file  
used to extract data files located  
on a floppy inserted into drive A: (a),  
or on a subdirectory in the  
hard-drive C: (b), respectively.

---

a)  
PX158701  
A:\CTEXTP87.DIR  
A:\  
3

---

b)  
PX158701  
C:\FTN77\DATA87\CTEXP87.DIR  
C:\FTN77\DATA87\  
16

---

```

CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
C                                                                 C
C          DOCUMENTATION OF PROGRAM 'RETRVE.FOR'                  C
C                                                                 C
C-----C
C                                                                 C
C          DATE: 2/27/92                                          C
C          VERSION: 1.0                                           C
C          AUTHORS: Mr. Matthew L. Reaves and Dr. Gerard W. Wall  C
C                                                                 C
C          ADDRESS: USDA/ARS                                       C
C                   U.S. Water Conservation Laboratory           C
C                   Phoenix, AZ 85040                           C
C-----C
C          DESCRIPTION: RETRVE.FOR IS AN ALGORITHM DEVELOPED TO   C
C                   READ EXPERIMENTAL DATASETS FOUND IN THE     C
C                   ENCLOSED DOCUMENT                            C
C                                                                 C
C          STRUCTURE: RETRVE - MAIN ROUTINE                        C
C                   LISTID - SUBROUTINE CALLED BY MAIN          C
C                   READDA - SUBROUTINE CALLED BY LISTID        C
C                   VALFAB - SUBROUTINE CALLED BY READDA        C
C-----C
C          INPUT: A FOUR LINE FILE CALLED 'PATHINP.INC' WHICH    C
C                   CONTAINS THE FOLLOWING VARIABLES:           C
C                                                                 C
C                   (1) EXPID - AN 8 DIGIT CHARACTER STRING WHICH C
C                       IDENTIFIES THE DESIRED EXPERIMENTAL     C
C                       DATA SET (ex. 'PX158701').              C
C                                                                 C
C                   (2) DIRFN - SETS PATH TO ONE OF THE FOLLOWING C
C                       EXPERIMENTAL DIRECTORY FILES.            C
C                                                                 C
C                       2.1) 'CTEXP83.DIR'                       C
C                       2.2) 'CTEXP84.DIR'                       C
C                       2.3) 'CTEXP85.DIR'                       C
C                       2.4) 'CTEXP86.DIR'                       C
C                       2.5) 'CTEXP87.DIR'                       C
C                                                                 C
C                   (3) PTODAT - SETS PATH TO THE                C
C                       DESIRED EXPERIMENTAL                     C
C                       DATA FILES.                              C
C                                                                 C
C                   (4) NPATH - SETS THE NUMBER OF CHARACTERS   C
C                       USED IN SETTING PATH GIVEN IN VARIABLE  C
C                       PTODAT                                    C
C

```

```

C
C-----C
C
C          OUTPUT:  A DATA FILE 'RETRVE.OUT' WHICH ECHOS THE
C                    INPUT TO VERIFY CORRECT INPUT
C
C
C
CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC

```

```

PROGRAM RETRVE

```

```

CHARACTER EXPID*8, DIRFN*45, PTODAT*45

```

```

INTEGER NPATH

```

```

WRITE(6, '(//,A60)') 'PROGRAM * RETRIEVE *

```

```

# ' , '*****'

```

```

WRITE(6, '(A60)') 'PLEASE READ THE FOLLOWING

```

```

# ' , '*****'

```

```

# ' , '

```

```

# ' , 'THIS ALGORITHM WILL RETRIEVE THE REQUESTED DATA FILES

```

```

# ' , 'ASSOCIATED WITH A SPECIFIC TREATMENT COMBINATION WITHIN

```

```

# ' , 'A GIVEN YEAR USING INFORMATION SUPPLIED IN THE

```

```

# ' , '"PATHINP.INC" FILE.

```

```

# ' , '

```

```

# ' , '*****'

```

```

# ' , '

```

```

# ' , ' NOTE !

```

```

# ' , ' ****

```

```

# ' , '

```

```

# ' , ' - THE USER MUST HAVE ALREADY EDITED

```

```

# ' , ' THE "PATHINP.INC" FILE .

```

```

# ' , '

```

```

# ' , ' - THIS IS A 4 RECORD INPUT FILE TO TELL RETRVE.FOR

```

```

# ' , ' WHERE TO LOCATE THE REQUESTED DATA FILES.

```

```

# ' , '

```

```

# ' , ' - ENTER A "1" TO CONTINUE OR A "2" TO STOP.

```

```

# ' , '*****'

```

```

# ' , '

```

```

READ(6,*)ICHECK

```

```

IF(ICHECK.NE.1) THEN

```

```

STOP

```

```

ENDIF

```

```

OPEN(38, FILE='PATHINP.INC')

```

```

CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC

```

```

C
C

```

```

'PATHINP.INC' = PATH LIST INPUT FILE NAME

```

```

C
C

```

```

CONTAINS 4 RECORDS

```

```

C
C

```

```

EXPID - EXPERIMENTAL IDENTIFIER

```

```

C
C

```

```

DIRFN - FULL PATH NAME TO CTEXP.DIR FILE

```

```

C          PTODAT - FULL PATH TO DATA FILES          C
C          NPATH  - NUMBER OF CHARACTERS IN PATH TO DATA FILES  C
C                                                     C
CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC

```

```

READ(38, '(A8)') EXPID
READ(38, '(A45)') DIRFN
READ(38, '(A45)') PTODAT
READ(38, '*') NPATH

```

```

C=====
C          CALL SUBROUTINE LISTID                      C
C=====

```

```

CALL LISTID(EXPID, DIRFN, PTODAT, NPATH)

```

```

CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
C                                                     C
C          PROGRAM COMPLETE, TELL USER WHERE TO VIEW DATA    C
C                                                     C
CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC

```

```

WRITE(6, '(/)')
PRINT*, '*****'
PRINT*, '*
PRINT*, '*          PROGRAM HAS EXECUTED CORRECTLY          *
PRINT*, '*
PRINT*, '*****'
WRITE(6, '(/)')
PRINT*, '*****'
PRINT*, '*
PRINT*, '*          EDIT "RETRVE.OUT" TO REVIEW THE DATA      *
PRINT*, '*
PRINT*, '*****'
END

```

```

CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
C                                                     C
C SUBROUTINE LISTID - THIS ROUTINE WILL USE INFORMATION IN THE  C
C                   'PATHINP.INC' INPUT FILE TO IDENTIFY      C
C
C                   WHICH FILES ARE TO BE RETRIEVED AND TO    C
C                   SET THE PATH TO THESE FILES                C
C
C                   - CALLED BY MAIN                            C
C
C                   - CALLS READDA                              C
C                                                     C

```

```

CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC

```

```
SUBROUTINE LISTID(EXPID, DIRFN, PATH1, NPATH)
```

```
CHARACTER EXPID*8, VARSEE*8, EXPDES*42, FIL1*12
```

```
# , FIL2*12, FIL4*12, FIL5*12, FIL6*12, FIL7*12
```

```
# , FIL8*12, FIL9*12, FILA*12, FILB*12
```

```
# , TEMP*45, FPATH1*45, PATH1*45
```

```
# , FPATH2*45, FPATH4*45, FPATH5*45, FPATH6*45
```

```
# , FPATH7*45, FPATH8*45, FPATHA*45, FPATHB*45
```

```
# , DIRFN*45
```

```
INTEGER NPATH
```

```
C=====
C          C          A CHARACTER VARIABLE FILE NAME IS OPENED
C          THAT WAS READ FROM THE FILE 'PATHINP.INC'
```

```
C=====
C          OPEN(10, FILE= DIRFN)
```

```
C=====
C          C          THIS LOOP CHECKS EACH 'EXPID' FOR A MATCH
C          WITH THE CHOSEN TEST
C=====
```

```
DO 1500 J=1, 500
```

```
    READ(10, '(A8,A42,A12,1X,A12)', END=230)VARSEE
#    , EXPDES, FIL1, FIL2
    IF (VARSEE.EQ.EXPID)THEN
```

```
C=====
C          C          ONCE A MATCH IS FOUND ALL FILE NAMES FOR THAT TEST SET
C          ARE READ INTO CHARACTER VARIABLES
C=====
```

```
    READ(10, '(5(A12,1X),A12)')FIL4, FIL5, FIL6, FIL7, FIL8, FIL9
    READ(10, '(A12,1X,A12)')FILA, FILB
```

```
C=====
C          C          FILE NAMES TO BE READ ARE ADDED
C          TO PATH GIVEN IN "PATHINP.INC" FILE
C=====
```

```
    WRITE(6, '(/)')
    TEMP=FIL1
    FPATH1=PATH1
    FPATH1(NPATH+1:)=TEMP
    PRINT*, FPATH1
    TEMP=FIL2
    FPATH2=PATH1
    FPATH2(NPATH+1:)=TEMP
    PRINT*, FPATH2
    TEMP=FIL4
    FPATH4=PATH1
```

```

FPATH4(NPATH+1:)=TEMP
PRINT*,FPATH4
TEMP=FIL5
FPATH5=PATH1
FPATH5(NPATH+1:)=TEMP
PRINT*,FPATH5
TEMP=FIL6
FPATH6=PATH1
FPATH6(NPATH+1:)=TEMP
PRINT*,FPATH6
TEMP=FIL7
FPATH7=PATH1
FPATH7(NPATH+1:)=TEMP
PRINT*,FPATH7
TEMP=FIL8
FPATH8=PATH1
FPATH8(NPATH+1:)=TEMP
PRINT*,FPATH8
TEMP=FILEA
FPATHA=PATH1
FPATHA(NPATH+1:)=TEMP
PRINT*,FPATHA
TEMP=FILEB
FPATHB=PATH1
FPATHB(NPATH+1:)=TEMP
PRINT*,FPATHB

```

```

C-----
C                                     CALL SUBROUTINE READD A                                     C
C-----

```

```

      CALL READD A(EXPID,EXPDES,FPATH1,FPATH2,FPATH4,FPATH5,FPATH6
#      ,FPATH7,FPATH8,FPATHA,FPATHB)
      GOTO 23
      ENDIF
1500  CONTINUE
230   PRINT*,'THIS EXPERIMENT ',EXPID,' WAS NOT FOUND'
      STOP
23    PRINT*,' SUBROUTINE LISTID COMPLETE'
      RETURN
      END

```

```

CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
C                                                                 C
C  SUBROUTINE READD A - OPENS THE INPUT FILES TO BE READ          C
C                                                                 C
C                                                                 C
C                                                                 C
C                                                                 C
C                                                                 C
C                                                                 C
C                                                                 C
C                                                                 C
C                                                                 C

```



```

C                               THE IBSNAT STANDARD VARIABLES WITH THOSE      C
C                               IN THE COTTON MODEL USED WILL OCCUR.          C
C                               - CALLED BY LISTID                            C
C                               CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC C
CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC

```

```

SUBROUTINE READDA(EXPID,EXPDES,FILE1,FILE2,FILE4,FILE5,FILE6
# ,FILE7,FILE8,FILEA,FILEB)
REAL LL,DFERT,NH4,NO3,PH
INTEGER CO2,IDUMSL,TRTNO,YEAR
# ,PARDAT,WNDDAT,DEWDAT,STDAT,CO2DAT,EXPTNO,FERCOD
CHARACTER INSTW*2,STATW*2,A00*7,EXPID*8,EXPDES*42
# ,INSTS*2,SITES*2,INSTE*2,SITEE*2
# ,PEDON*12,TAXON*60
# ,DATAID*60
# ,SNAME*60
# ,HISTRY*76
# ,FILE1*45,FILE2*45,FILE4*45,FILE5*45,FILE6*45
# ,FILE7*45,FILE8*45,FILEA*45,FILEB*45
# ,TITLET*40

```

```

CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
C                               OPEN INPUT AND OUTPUT FILES                    C
C                               EXAMPLE: OPEN (12,FILE = 'D:\FTN77\AVONDALE.CT2') C
C                               CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC C
CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC

```

```

OPEN (3,FILE = 'RETRVE.OUT')
OPEN (11,FILE = FILE1)
OPEN (12,FILE = FILE2)
OPEN (14,FILE = FILE4)
OPEN (15,FILE = FILE5)
OPEN (16,FILE = FILE6)
OPEN (17,FILE = FILE7)
OPEN (18,FILE = FILE8)

```

```

WRITE(3,*)'THE EXPERIMENTAL IDENT. EXPID= ',EXPID
WRITE(3,*)'THE EXPERIMENTAL DESCRIPTION= ',EXPDES
WRITE(3,*)
WRITE(3, '(A72)')'***** FILE 1 *****'
# , 'THE FOLLOWING WILL BE FROM THE WEATHER FILE = '
# ,FILE1
# , '*****'
WRITE(3,*)
PRINT*, 'READING FILE 1 '
READ(11,1111)INSTW,STATW,XLAT,XLONG,PARFAC,PARDAT,WNDDAT

```

# ,DEWDAT,STDAT,CO2DAT,CO2YR,WINDYR

```

CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
C
C          INTERFACE OF WEATHER DATA - FILE1
C
C          *****
C          *MODEL* = *EXPERIMENT* X CONVERSION FACTOR
C          _____(VAR.NAME)_____ (var.NAME)_____ (must be checked)_____
C          *****
C
C          = INSTW
C
C          = STATW
C          = XLAT
C          = XLONG
C          = PARFAC
C          = PARDAT
C          = WNDAT
C          = DEWDAT
C          = STDAT
C          = CO2DAT
C          = CO2YR
C          = WINDYR
C
C          *****
CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC

```

```

WRITE(3,*)'INSTW/                OPTIONS (PARDAT,WNDDAT,DEWD
#AT,STDAT,CO2DAT)'
WRITE(3,*)'STATW XLAT XLONG  PARFAC          CO2YR WINDYR'
WRITE(3,1112)INSTW,STATW,XLAT,XLONG,PARFAC,PARDAT,WNDDAT
# ,DEWDAT,STDAT,CO2DAT,CO2YR,WINDYR
1111  FORMAT(2(A2),2(1X,F6.2),1X,F5.2,5(1X,I1),1X,F4.0,1X,F5.1)
1112  FORMAT(2(A2),2(1X,F6.2),1X,F5.2,5(1X,I1),1X,F4.0,1X,F5.1,/)
WRITE(3,*)'STATW IYR  SOLRAD          XTMIN          XPAR          DEWP
#T      STMIN          A00'
WRITE(3,*)'INSTW/  JUL          XTMAX          XRAIN          WIND
# STMAX          CO2  '

```

```

CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
C
C          FILL APPROPRIATE COTTON MODEL ARRAYS TO END OF FILE
C
CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC

```

DO 678 I=1,360

```

CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC

```

```

C
C READ EVERYTHING AS IS. AND ENTER INTO APPROPRIATE
C COTTON MODEL ARRAY AFTER EACH LINE IS READ
C
CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC

```

```

      READ(11,1120,END=1999,ERR=193)INSTW,STATW,IYR,JUL,SOLRAD,XTMAX
#     ,XTMIN,XRAIN,XPAR,WIND,DEWPT,STMAX,STMIN,CO2,A00

```

```

1120  FORMAT(2(A2),1X,I2,1X,I3,1X,F5.2,3(1X,F5.1),1X,F6.2
#     ,4(1X,F5.1),1X,I4,1X,A7)
      WRITE(3,1120)INSTW,STATW,IYR,JUL,SOLRAD,XTMAX
#     ,XTMIN,XRAIN,XPAR,WIND,DEWPT,STMAX,STMIN,CO2,A00

```

```

CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC

```

```

C
C INTERFACE OF DAILY WEATHER DATA - FILE1
C

```

```

C *****
C *MODEL* = *EXPERIMENT* X CONVERSION FACTOR
C (VAR.NAME) (var.NAME) (must be checked)
C *****

```

- = INSTW
- = STATW
- = IYR
- = JUL
- = SOLRAD
- = XTMAX
- = XTMIN
- = XRAIN
- = XPAR
- = WIND
- = DEWPT
- = STMAX
- = STMIN
- = CO2
- = A00

```

C *****
C

```

```

CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC

```

```

678 CONTINUE
193 WRITE(3,*)'ERROR PROCESSING FILE 1'
    WRITE(6,*)'ERROR PROCESSING FILE 1'
    STOP
1999 PRINT *,'LAST DAY OF DATA WAS ',A00
     WRITE(3, '(/,A8,/,A45,/,8X,A25)')'FILE 1=
#     ',FILE1,'WAS PROCESSED CORRECTLY'

```

```

WRITE(3, '(//,A50)') '*****FILE 2*****'
# '
WRITE(3, '(A50)') ' THE FOLLOWING WILL BE FROM
# ', ' THE SOIL PROPERTIES = FILE 2
# ', FILE2
# ', '*****'
# '
WRITE(3, *) ' IDUMSL      PEDON                                TAXON'

PRINT*, 'READING FILE 2 '
READ(12, 121) IDUMSL, PEDON, TAXON

```

```

CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
C
C          INTERFACE OF SOIL PROFILE PROPERTIES
C
C *****
C      *MODEL* =      *EXPERIMENT* X      CONVERSION FACTOR
C      _____(VAR.NAME)_____ (var.NAME)_____ (must be checked)_
C *****
C
C          =      IDUMSL
C          =      PEDON
C          =      TAXON
C *****
C
C
C
CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC

```

```

READ(12, 122) SALB, U, SWCON, CN2, TAV, AMP, DMOD
# , SWCON1, SWCON2, SWCON3, RWUMX, PHFAC3

```

```

CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
C
C          INTERFACE OF SOIL PROFILE PROPERTIES
C
C *****
C      *MODEL* =      *EXPERIMENT* X      CONVERSION FACTOR
C      _____(VAR.NAME)_____ (var.NAME)_____ (must be checked)_
C *****
C
C          =      SALB
C          =      U
C          =      SWCON
C          =      CN2
C          =      TAV
C          =      AMP
C          =      DMOD
C          =      SWCON1
C          =      SWCON2
C          =      SWCON3
C

```

```

C                                     =      RWUMX                                     C
C                                     =      PHFAC3                                    C
C                                                                                   C
C      *****                                                                    C
C                                                                                   C
CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
121      FORMAT(1X,A2,1X,A12,1X,A60)
122      FORMAT(F6.2,1X,F5.2,2(1X,F6.2),2(1X,F5.1),1X,F3.1
#      ,1X,E9.2,1X,F6.1,2(1X,F5.2),1X,F4.2)
      WRITE(3,121)IDUMSL,PEDON,TAXON
      WRITE(3,*)
      WRITE(3,*)'SALB  U   SWCON CN2   TAV   AMP   DMOD SWCON1  SWCON2
# SWCON3 RWUMX PHFAC3'
      WRITE(3,126)SALB,U,SWCON,CN2,TAV,AMP,DMOD
#      ,SWCON1,SWCON2,SWCON3,RWUMX, PHFAC3
126      FORMAT(F5.2,1X,F5.1,F6.2,F5.1,2(1X,F5.1),1X,F3.1
#      ,1X,E10.3,1X,F6.1,2(1X,F5.2),1X,F4.2)
      WRITE(3,*)

CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
C                                                                                   C
C                                     INPUT ARRAY DATA FOR LAYERS                    C
C                                                                                   C
CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
      INLAYS=0
      WRITE(3,2129)'DLAYR','LL','DUL','SAT','DSW'
#      , 'WR','BD','OC','DNH4','DNO3','DPH'
2129      FORMAT(A6,5(1X,A6),2(1X,A5),3(1X,A4))

      DO 300  IL = 1,20
          INLAYS=INLAYS+1
          READ(12,123,ERR=310)DLAYR, LL, DUL, SAT, DSW
#          ,WR,BD,OC,DNH4 ,DNO3,DPH

          IF(INT(DLAYR).NE.-1)THEN
              WRITE(3,123)DLAYR, LL, DUL, SAT, DSW
#              ,WR,BD,OC,DNH4,DNO3,DPH
123          FORMAT(F6.0,5(1X,F6.3),2(1X,F5.2),3(1X,F4.1))

CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
C                                                                                   C
C                                     INTERFACE SOIL PROFILE PROPERTIES - FILE 2      C
C                                                                                   C
C      *****                                                                    C
C      *MODEL* = *EXPERIMENT* X CONVERSION FACTOR                                C
C      _____(VAR.NAME)_____ (var.NAME)_____ (must be checked)_          C
C      *****                                                                    C
C                                                                                   C
C                                     =      DLAYR                                    C
C                                     =      LL                                       C
C                                                                                   C

```

```

C           =      DUL      C
C           =      SAT      C
C           =      DSW      C
C           =      WR       C
C           =      BD       C
C           =      OC       C
C           =      DNH4     C
C           =      DNO3     C
C           =      DPH      C
C      *****              C
C                                     C
CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC

      ELSE
      WRITE(3, '(F6.0)') DLAYR
      GOTO 333
      ENDIF

300    CONTINUE
310    WRITE(6,*) ' NLAYERS = ', INLAYS, '   ERROR '
      WRITE(3,*) ' NLAYERS = ', INLAYS, '   ERROR '
      STOP
333    PRINT*, ' CORRECT PROCESSING '

=====
C                                     FILE 2 SECOND LOOP
=====

      WRITE(3,*)
      WRITE(3,*) 'ROCK SAND SILT CLAY SCOND CATEXC ALPHA  XN   VGTHS
#VGTHR '
      DO 234 I=1, INLAYS-1
      READ(12,124) ROCK, SAND, SILT, CLAY, SCOND, CATEXC
#           , ALPHA, XN, VGTHS, VGTHR

      WRITE(3,124) ROCK, SAND, SILT, CLAY, SCOND, CATEXC
#           , ALPHA, XN, VGTHS, VGTHR
124    FORMAT(5(1X, F4.1), 1X, F5.1, 4(1X, F6.3))

CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC

C                                     C
C           INTERFACE SOIL PROFILE PROPERTIES - FILE 2      C
C                                     C
C      *****              C
C           *MODEL* = *EXPERIMENT*  X  CONVERSION FACTOR      C
C           _____ (VAR.NAME) _____ (var.NAME) _____ (must be checked) _____ C
C      *****              C
C                                     C
C           =      ROCK      C
C           =      SAND      C
C           =      SILT      C

```

```

C           = CLAY C
C           = SCOND C
C           = CATEXC C
C           = ALPHA C
C           = XN C
C           = VGTHS C
C           = VGTHR C
C           ***** C
C
CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC

```

```

234  CONTINUE
      WRITE(3,*)
      READ(12, '(A60)')DATAID
      WRITE(3,*)'          DATAID'
      WRITE(3, '(A60,/)' )DATAID
      READ(12,*)LYRSOL
      WRITE(3,*)'LYRSOL'
      WRITE(3, '(I4,/)' )LYRSOL
      WRITE(3,*)'DIFFO THETAO BETA GLAYR THETAS FC THETAR AIRD
#R  ETA GBD PSIBUB'

```

```

CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
C
C           INTERFACE SOIL PROFILE PROPERTIES - FILE 2 C
C
C           ***** C
C           *MODEL* = *EXPERIMENT* X CONVERSION FACTOR C
C           (VAR.NAME)_____ (var.NAME)_____ (must be checked)_ C
C           ***** C
C
C           = DATAID C
C           = LYRSOL C
C
CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC

```

```

      DO 245 I=1, LYRSOL+2
          IF(I .LE. LYRSOL) THEN
              READ(12,*)DIFFO, THETAO, BETA, GLAYR, THETAS, FC
#              , THETAR, AIRDR, ETA, GBD, PSIBUB
              WRITE(3, 342)DIFFO, THETAO, BETA, GLAYR, THETAS, FC
#              , THETAR, AIRDR, ETA, GBD, PSIBUB

          ELSE

              READ(12,*)DIFFO, THETAO, BETA, THETAS, FC
#              , THETAR, AIRDR, ETA, BD, PSIBUB
              WRITE(3, 343)DIFFO, THETAO, BETA, THETAS, FC
#              , THETAR, AIRDR, ETA, GBD, PSIBUB

```

```

          ENDIF
342      FORMAT(E8.2,2X,F5.3,2X,F4.1,2X,E8.2,7(2X,F4.2))
343      FORMAT(E8.2,2X,F5.3,2X,F4.1,2X,8X,7(2X,F4.2))

```

```

CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
C
C          INTERFACE SOIL PROFILE PROPERTIES - FILE 2
C
C          *****
C          *MODEL* = *EXPERIMENT* X CONVERSION FACTOR
C          (VAR.NAME) (var.NAME) (must be checked)
C          *****
C
C          = DIFFO
C          = THETAO
C          = BETA
C          = GLAYR
C          = THETAS
C          = FC
C          = THETAR
C          = AIRDR
C          = ETA
C          = GBD
C          = PSIBUB
C          *****
C
CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC

```

```

245 CONTINUE

```

```

      READ(12,*)TD,THETA1,BDSLOP,BDRATO,PSISFC
      WRITE(3,*)
      WRITE(3,*)'TD THETA1 BDSLOP BDRATO PSISFC'

```

```

CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
C
C          INTERFACE SOIL PROFILE PROPERTIES - FILE 2
C
C          *****
C          *MODEL* = *EXPERIMENT* X CONVERSION FACTOR
C          (VAR.NAME) (var.NAME) (must be checked)
C          *****
C          = TD
C          = THETA1
C          = BDSLOP
C          = BDRATO
C          = PSISFC
C          *****
C
CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC

```



```

113 WRITE(3,113)TD,THETAI,BDSLOP, BDRATO, PSISFC
    FORMAT (F4.1,1X,F5.3,3(2X,F5.2),/)
    READ(12,'(A60)') SNAME
    WRITE(3,*)'      SNAME'
    WRITE(3,'(A60)') SNAME
    READ(12,'(I2)')NCURVE
    WRITE(3,'(/,A10)')'NCURVE'
    WRITE(3,'(4X,I2,/)' )NCURVE

```

```

C=====
C          SETUP LOOP TO READ IN CURVES
C=====

```

```

DO 129 I=1,NCURVE
    READ(12,*)INRIM,GH2OC
    WRITE(3,*)'INRIM(I)  GH2OC(I) '
    WRITE(3,'(2X,I2,9X,F5.2)')INRIM,GH2OC
    WRITE(3,*)' TSTBD(I,K) ' , ' TSTIMP(I,K) '

```

```

CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
C
C          INTERFACE SOIL PROFILE PROPERTIES - FILE 2
C
C          *****
C          *MODEL* = *EXPERIMENT* X CONVERSION FACTOR
C          (VAR.NAME) (var.NAME) (must be checked)
C          *****
C
C          = INRIM(I)
C          = GH2OC(I)
C
C          *****
C
C
C
CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC

```

```

DO 131 K=1,INRIM
    READ(12,*)TSTBD ,TSTIMP

```

```

CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
C
C          INTERFACE SOIL PROFILE PROPERTIES - FILE 2
C
C          *****
C          *MODEL* = *EXPERIMENT* X CONVERSION FACTOR
C          (VAR.NAME) (var.NAME) (must be checked)
C          *****
C
C          = TSTBD(I,K)
C

```

```

C                               = TSTIMP(I,K)                                C
C                                                                           C
C *****                                                                C
C                                                                           C
CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC

```

```

131          WRITE(3, '(F7.2,4X,F7.2)')TSTBD ,TSTIMP
          CONTINUE
          WRITE(3,*)
129  CONTINUE
          WRITE(3, '(A8,/,A45,/,8X,A25)')' FILE 2=
#  ', FILE2, 'WAS PROCESSED CORRECTLY'

```

```

C=====
C          C          (ONE LINE FILE)
C
C=====

```

```

          PRINT*, 'READING FILE 4 '
          WRITE(3, '(//,A50)')'*****FILE 4*****'
#  '
          WRITE(3, '(A50)')' THE FOLLOWING WILL BE FROM
#  ', ' THE SOIL RESIDUE = FILE 4
#  ', FILE4
#  ', '*****'
#  '
          IER=0
119  IER=IER+1
          IF (IER.EQ.2) THEN
              WRITE(3,*)'ERROR READING FILE 4', FILE4
              WRITE(6,*)'ERROR READING FILE 4', FILE4
              STOP
          ENDIF
          READ(14, 141, ERR=119) INSTS, SITES, YEAR, EXPTNO
#  , TRTNO, STRAW, SDEP, SCN, ROOT
          WRITE(3,*)' INSTS/'
          WRITE(3,*)' SITES/'
          WRITE(3,*)' YEAR EXPTNO TRTNO STRAW SDEP  SCN  ROOT'
          WRITE(3, 142) INSTS, SITES, YEAR, EXPTNO
#  , TRTNO, STRAW, SDEP, SCN, ROOT
141  FORMAT(2(A2), 2(I2), 1X, I2, 4(1X, F5.0))
142  FORMAT(2(A2), 2(I2), 6X, I2, 3X, F6.1, 1X, F4.1, 1X, F5.1, 1X, F6.1)

```

```

CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
C
C          INTERFACE ORGANIC RESIDUE - FILE 4
C
C *****
C          *MODEL* = *EXPERIMENT* X CONVERSION FACTOR
C

```

```

C   _____(VAR.NAME)_____ (var.NAME)_____ (must be checked)_ C
C   ***** C
C C
C   = INSTS C
C   = SITES C
C   = YEAR C
C   = EXPTNO C
C   = TRTNO C
C   = STRAW C
C
C   = SDEP C
C   = SCN C
C   = ROOT C
C ***** C
C C
CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC

```

```

WRITE(3, '(//,A8,/,A45,/,8X,A25)') ' FILE 4=
# ', FILE4, ' WAS PROCESSED CORRECTLY'

```

```

=====
C   FILE 5 FOLLOWS, 'SOIL PROFILE INITIAL CONDITIONS'
=====

```

```

WRITE(3, '(//,A50)') '*****FILE 5*****
# '
WRITE(3, '(A50)') ' THE FOLLOWING WILL BE FROM
# ', 'SOIL PROFILE INITIAL CONDITIONS = FILE 5
# ', FILE5
# ', '*****
# '
PRINT*, 'READING FILE 5'
READ(15, 151) TRTNO, INSTS, SITES, YEAR, EXPTNO
WRITE(3, *) 'TRTNO INSTS/SITES/YEAR EXPTNO'
WRITE(3, 151) TRTNO, INSTS, SITES, YEAR, EXPTNO
WRITE(3, *)
151 FORMAT(I2, 1X, 2A2, 2I2)

```

```

CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC

```

```

C   INTERFACE SOIL PROFILE INITIAL CONDITIONS - FILE 5 C

```

```

C ***** C
C *MODEL* = *EXPERIMENT* X CONVERSION FACTOR C
C _____(VAR.NAME)_____ (var.NAME)_____ (must be checked)_ C
C ***** C
C = TRTNO C

```

```

C      = INSTS C
C      = SITES C
C      = YEAR C
C      = EXPTNO C
C ***** C
C CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC

```

```
WRITE(3,'(5A10)') 'DLAYR', 'SW', 'NH4', 'NO3', 'PH'
```

```

DO 52 I=1, 30
  READ(15, 152, ERR=159, END=160) DLAYR, SW, NH4, NO3, PH
  IF (INT(DLAYR).NE.-1) THEN
    WRITE(3,'(5F10.3)') DLAYR, SW, NH4, NO3, PH
152   FORMAT(F6.0, 1X, F6.3, 3(1X, F4.1))

```

```

CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
C
C      INTERFACE SOIL PROFILE INITIAL CONDITIONS - FILE 5 C

```

```

C ***** C
C      *MODEL* = *EXPERIMENT* X CONVERSION FACTOR C
C      (VAR.NAME) (var.NAME) (must be checked) C
C ***** C
C      = DLAYR C
C      = SW C
C      = NH4 C
C      = NO3 C
C      = PH C
C ***** C
C CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC

```

```

ELSE
  WRITE(3,'(F6.0)') DLAYR
ENDIF

52  CONTINUE
159 WRITE(3,'(A30)') 'ERROR READING FILE 5 ARRAY'
  WRITE(6,'(A30)') 'ERROR READING FILE 5 ARRAY'
  STOP

160 WRITE(3,'(/,A8,/,A45,/,8X,A25)') 'FILE 5=
#  ', FILE5, 'WAS PROCESSED CORRECTLY'

  WRITE(3,'(//,A50)') '*****FILE 6*****'
#  '
  WRITE(3,'(A50)') ' THE FOLLOWING WILL BE FROM
#  ', ' THE IRRIGATION MANAGEMENT = FILE 6
#  ', FILE6
#  ', '*****'
#  '

```

```

WRITE(3,*)'TRTNO INSTE/SITEE/YEAR EXP TNO'
PRINT*,'READING FILE 6'
READ(16,161,ERR=169) TRTNO,INSTE,SITEE,YEAR,EXPTNO
161  FORMAT(I2,1X,2(A2),2(I2))
WRITE(3,161) TRTNO,INSTE,SITEE,YEAR,EXPTNO
WRITE(3,*)
WRITE(3,*)'  AMTIRR  X1IRR      X2IRR'
WRITE(3,*)'JDIRR  IRRCOD      Z1IRR      Z2IRR'

```

CC

```

C
C      INTERFACE OF IRRIGATION MANAGEMENT - FILE 6
C
C      *****
C      *MODEL* = *EXPERIMENT* X CONVERSION FACTOR
C      _____(VAR.NAME)_____ (var.NAME)_____ (must be checked)_____
C      *****
C
C      = TRTNO
C      = INSTE
C      = SITEE
C      = YEAR
C      = EXPTNO
C
C      *****
C
CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC

```

```

DO 168 I=1,200
  READ(16,162,END=170,ERR=169)JDIRR,AMTIRR,IRRCOD,X1IRR
#    ,Z1IRR,X2IRR,Z2IRR
  IF(JDIRR.GT.0)THEN
    WRITE(3,162)JDIRR,AMTIRR,IRRCOD,X1IRR
#    ,Z1IRR,X2IRR,Z2IRR
162  FORMAT(I4,F5.0,I2,4(F6.1))

```

CC

```

C
C      INTERFACING OF IRRIGATION MANAGEMENT
C
C      *****
C
C      *MODEL* = *EXPERIMENT* X CONVERSION FACTOR
C      _____(VAR.NAME)_____ (var.NAME)_____ (must be checked)_____
C      *****
C
C      = JDIRR
C      = AMTIRR
C      = IRRCOD
C

```

```

C           = X1IRR
C           = Z1IRR
C           = X2IRR
C           = Z2IRR
C
C *****
C
CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC

```

```

ELSE
    IF(JDIRR.EQ.-1) THEN
        WRITE(3, '(1X, I3)') JDIRR
    ENDIF
ENDIF
168 CONTINUE
169 WRITE(3, '(A30)') 'ERROR READING FILE6 ARRAY'
    WRITE(6, '(A30)') 'ERROR READING FILE6 ARRAY'
    STOP
170 WRITE(3, '(/, A8, /, A45, /, 8X, A25)') 'FILE 6=
    # ' , FILE6, 'WAS PROCESSED CORRECTLY'

```

```

=====
C                                     FILE 7 , "FERTILIZER MANAGEMENT"
=====

```

```

WRITE(3, '(//, A50)') '*****FILE 7*****'
# '
WRITE(3, '(A50)') ' THE FOLLOWING WILL BE FROM
# ' , FERTILIZATION MANAGEMENT = FILE 7
# ' , FILE7
# ' , *****
# '
WRITE(3, *) 'TRTNO INSTE/SITEE/YEAR EXPTNO'
PRINT*, 'READING FILE 7 '
READ(17, 171, ERR=179) TRTNO, INSTE, SITEE, YEAR, EXPTNO
WRITE(3, 171) TRTNO, INSTE, SITEE, YEAR, EXPTNO
171 FORMAT(I2, 1X, 2(A2), 2(I2))

```

```

CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
C
C           INTERFACE OF FERTILIZATION MANAGEMENT - FILE 7
C
C *****
C           *MODEL* = *EXPERIMENT* X CONVERSION FACTOR
C           _____(VAR.NAME)_____ (var.NAME)_____ (must be checked)
C *****
C           = TRTNO
C           = INSTE
C           = SITEE
C           = YEAR
C           = EXPTNO
C

```

```

C *****
C
CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC

```

```

WRITE(3,*)
WRITE(3,*)' FERTN INTYPE IPTYPE IKTYPE IITYPE X1F
#ERT X2FERT'
WRITE(3,*)'JDFERT DFERT FERTP FERTK FERTIN FERCOD
# Z1FERT Z2FERT'

```

```

DO 178 I=1,200
READ(17,172,END=180,ERR=179)JDFERT,FERTN,DFERT,INTYPE,FERTP
# ,IPTYPE,FERTK,IKTYPE,FERTIN,IITYPE,FERCOD,X1FERT,Z1FERT
# ,X2FERT,Z2FERT
172 FORMAT(1X,I3,F6.1,4(F6.1,I3),I3,4(F6.1))
IF(JDFERT.NE.-1) THEN
WRITE(3,172)JDFERT,FERTN,DFERT,INTYPE,FERTP
# ,IPTYPE,FERTK,IKTYPE,FERTIN,IITYPE,FERCOD
# ,X1FERT,Z1FERT,X2FERT,Z2FERT

```

```

CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC

```

INTERFACE OF FERTILIZATION MANAGEMENT - FILE 7

```

*****
*MODEL* = *EXPERIMENT* X CONVERSION FACTOR
(VAR.NAME) (var.NAME) (must be checked)
*****

```

- = JDFERT
- = FERTN
- = DFERT
- = INTYPE
- = FERTP
- = IPTYPE
- = FERTK
- = IKTYPE
- = FERTIN
- = IITYPE
- = FERCOD
- = X1FERT
- = Z1FERT
- = X2FERT
  
- = Z2FERT

```

*****

```

```

CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC

```

```

ELSE
WRITE(3, '(1X, I3)')JDFERT

```

ENDIF

178 CONTINUE  
179 WRITE(3, '(A30)') 'ERROR READING FILE 7 ARRAY'  
WRITE(6, '(A30)') 'ERROR READING FILE 7 ARRAY'  
STOP  
180 WRITE(3, '(/,A8,/,A45,/,8X,A25)') 'FILE 7=  
# ', FILE7, 'WAS PROCESSED CORRECTLY'

===== C  
C FILE 8 TREATMENT MANAGEMENT

=====

WRITE(3, '(//,A50)') '\*\*\*\*\*FILE 8\*\*\*\*\*'  
# '  
WRITE(3, '(A50)') ' THE FOLLOWING WILL BE FROM  
# ' , ' THE TREATMENT MANAGEMENT = FILE 8  
# ' , FILE8  
# , '\*\*\*\*\*'  
# '  
WRITE(3, \*) ' INSTE/'  
WRITE(3, \*) ' SITEE/ TRTNO'  
WRITE(3, \*) ' YEAR EXPTNO TITLET ISO  
#ILT IVARTY'  
PRINT\*, 'READING FILE 8 '  
READ(18,181)INSTE, SITEE, YEAR, EXPTNO, TRTNO  
# , TITLET, ISOILT, IVARTY  
WRITE(3,181)INSTE, SITEE, YEAR, EXPTNO, TRTNO  
# , TITLET, ISOILT, IVARTY  
WRITE(3, \*)  
181 FORMAT(2(A2), 2(I2), 1X, I2, 1X, A40, 2(1X, I4))

CCC  
C C

INTERFACE OF TREATMENT MANAGEMENT - FILE 8

\*\*\*\*\*  
C \*MODEL\* = \*EXPERIMENT\* X CONVERSION FACTOR  
C (VAR.NAME) (var.NAME) (must be checked)  
C \*\*\*\*\*  
C

- C = INSTE C
- C = SITEE C
- C = YEAR C
- C = EXPTNO C
- C = TRTNO C
- C = TITLET C
- C = ISOILT C
- C = IVARTY C
- C C



```
C ***** C
C C
CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
```

```
READ(18,182) ISIM, ISOW, PLANTS, ROWSPC, SDEPTH
#, IIRR, ISWNIT, EFFIRR, DSOIL, THETAC, IMERGE, ISWEED, ISWINS
#, ISWNEM, ISWDIS
WRITE(3,*) ' ISOW ROWSPC IIRR EFFIRR THETAC
# ISWEED ISWNEM '
WRITE(3,*) ' ISIM PLANTS SDEPTH ISWNIT DSOIL IM
#ERGE ISWINS ISWDIS '
WRITE(3,183) ISIM, ISOW, PLANTS, ROWSPC, SDEPTH
#, IIRR, ISWNIT, EFFIRR, DSOIL, THETAC, IMERGE, ISWEED, ISWINS
#, ISWNEM, ISWDIS
```

```
CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
```

```
C INTERFACE OF TREATMENT MANAGEMENT - FILE 8 C
```

```
C ***** C
C *MODEL* = *EXPERIMENT* X CONVERSION FACTOR C
C (VAR. NAME) (var. NAME) (must be checked) C
C ***** C
```

- = ISIM
- = ISOW
- = PLANTS
- = ROWSPC
- = SDEPTH
- = IIRR
- = ISWNIT
- = EFFIRR
- = DSOIL
- = THETAC
- = IMERGE
- = ISWEED
- = ISWINS
- = ISWNEM
- = ISWDIS

```
CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
```

```
182 FORMAT(1X, I3, 1X, I3, 1X, F6.2, 1X, F6.3, 1X, F5.2, 2(1X, I2)
#, 1X, F6.2, 1X, F5.2, 1X, F6.2, 1X, I3, 4(1X, I2))
183 FORMAT(1X, I3, 1X, I3, 1X, F6.2, 1X, F6.3, 1X, F5.2, 2(1X, I2)
#, F6.2, 1X, F5.2, F6.2, 1X, I3, 4(2X, I2))
READ(18, '(A76)') HISTRY
WRITE(3,*)
WRITE(3,*) ' HISTORY '
WRITE(3, '(A76)') HISTRY
```

```
CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
C C
```

```

C          INTERFACE OF TREATMENT MANAGEMENT - FILE 8
C
C          *****
C          *MODEL* = *EXPERIMENT* X CONVERSION FACTOR
C          _____(VAR.NAME)_____ (var.NAME)_____ (must be checked)_____
C          *****
C          = HISTORY
C
C          *****
C
CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC

```

```

WRITE(3, '(/,A8,/,A45,/,8X,A25)') 'FILE 8=
# ', FILE8, 'WAS PROCESSED CORRECTLY'

CALL VALFAB(FILEA, FILEB)
RETURN
END

```

```

CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
C
C SUBROUTINE VALFAB - THIS ROUTINE IS USED TO READ THE
C VALIDATION DATA, FILES A AND B
C
C - CALLED BY 'READDA'
C
C - CALLS NO OTHER SUBROUTINES
C
CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC

```

```

SUBROUTINE VALFAB(FILEA, FILEB)
REAL JNNODM, JNSQRM, JNFLWM, JNGBLM, JNMBLM, JNABSM
INTEGER YEAR, EXPTNO, TRTNO
CHARACTER INSTE*2, SITEE*2, FILEB*45, FILEA*45, LABELB*7
DIMENSION JDOYA(100), NV(16), RVDATA(16,100), RV(16)
#, XPLTHT(100), XLAI(100), JNNODM(100), JNSQRM(100)
#, JNFLWM(100), JNGBLM(100), JNMBLM(100), JNABSM(100)
#, XWLEFH(100), XWSTMH(100), XWROTH(100)
#, XWGBLH(100), XWMBLH(100), XLWINT(100)
#, XWSEED(100), XWBURR(100)
#, LABELB(16)

```

```

C-----
C          PROCESS VALIDATION DATA - FILE A
C-----

```

```

OPEN (19, FILE = FILEA)
WRITE(3, '(//,A50)') '*****FILE A*****'
# '
WRITE(3, '(A50)') ' THE FOLLOWING WILL BE FROM

```

```

# ',' MEASURED HARVEST DATA = FILE A
# ',FILEA
# ',*****
# '
WRITE(3,*)'INSTE/'
WRITE(3,*)'SITEE/'
WRITE(3,*)'YEAR EXPTNO XLTYLD XSDWT XSPB
# XBIOM'
WRITE(3,*)' TRTNO XSDYLD XBLSM XLAIMX
# XSTMBR '
PRINT*,'READING FILE A '
READ(19,191)INSTE, SITEE, YEAR, EXPTNO, TRTNO
# ,XLTYLD ,XSDYLD,XSDWT,XBLSM,XSPB, XLAIMX,XBIOM ,XSTMBR
WRITE(3,191)INSTE, SITEE, YEAR, EXPTNO, TRTNO
# ,XLTYLD ,XSDYLD,XSDWT,XBLSM,XSPB, XLAIMX,XBIOM ,XSTMBR
191 FORMAT(2(A2),2(I2),1X,I2,2(1X,F7.0),1X,F7.4,1X,F6.0
# ,1X,F4.0,1X,F5.2,2(1X,F6.0))
READ(19,'(F6.2,3(1X,F5.1))')XSDTN,XTOTNP,XAPTNP,XSDN
WRITE(3,*)
WRITE(3,*)'XSDTN XTOTNP XAPTNP XSDN'
WRITE(3,'(F6.2,3F6.1)')XSDTN,XTOTNP,XAPTNP,XSDN
WRITE(3,'(/,A8,/,A45,/,8X,A25)')'FILE A=
# ',FILEA,'WAS PROCESSED CORRECTLY'

```

```

C=====
C                                     FILE B FOLLOWS
C=====

```

```

OPEN(20,FILE=FILEB)
WRITE(3,'(///,A50)')'*****FILE B*****
# '
WRITE(3,'(A50)')' THE FOLLOWING WILL BE FROM
# ',' MEASURED INTERMEDIATE GROWTH = FILE B
# ',FILEB
# ',*****
# '
PRINT*,'READING FILE B '

```

```

C=====
C                                     INITIALIZE ARRAYS FOR UP TO 100 ROWS OF DATA
C=====

```

```

DO 129 I=1,16
  DO 131 J=1,100
    NV(I)=0
    RVDATA(I,J)=0.0
    RV(I)=0.0
    JDOYA(J)=0

```

131 CONTINUE  
129 CONTINUE

```
      READ(20,323,ERR=209)INSTE,SITEE,YEAR,EXPTNO  
#     ,TRTNO,JEMRGD,JSQRJD,JFLRJD  
      WRITE(3,*)'INSTE/'  
      WRITE(3,*)'SITEE/'  
      WRITE(3,*)'YEAR EXPTNO TRTNO JEMRGD JSQRJD JFLRJD'  
      WRITE(3,324)INSTE,SITEE,YEAR,EXPTNO  
#     ,TRTNO,JEMRGD,JSQRJD,JFLRJD  
323  FORMAT(2(A2),2(I2),1X,I2,3(2X,I3))  
324  FORMAT(2(A2),2(I2),6X,I2,5X,I3,4X,I3,3X,I3)  
      READ(20,*,ERR=209)NOVAR,(NV(I),I=1,NOVAR)  
      WRITE(3,'(/,A10)')' NOVAR'  
      WRITE(3,'(17I3)')NOVAR,(NV(I),I=1,NOVAR)
```

=====  
C  
C                   LOADING LARGE ARRAY  
C  
=====

```
      DO 908 ICOUNT=1,100  
        READ(20,*,ERR=209,END=488)JDOYA(ICOUNT),(RV(I),I=1,NOVAR)  
        IF(JDOYA(ICOUNT).NE.-1)THEN  
          DO 888 J=1,NOVAR  
            RVDATA(ICOUNT,J)=RV(J)  
888      CONTINUE  
        ELSE  
          IF(ICOUNT.EQ.1)THEN  
            WRITE(3,*)'-1 '  
            WRITE(3,*)'NO VALIDATION DATA '  
            GOTO 434  
          ENDIF  
          IROW=ICOUNT-1  
        ENDIF  
908    CONTINUE  
  
209   WRITE(3,*)'ERROR IN READING FILE B'  
      WRITE(6,*)'ERROR IN READING FILE B'  
      STOP
```

=====  
C  
C                   INITIALIZE INDIVIDUAL ARRAYS FOR EACH STATE VARIABLE  
C  
C  
=====

```
488   IROW=ICOUNT-1  
      DO 139 I=1,NOVAR  
        DO 141 J=1,IROW  
          LABELB (I)='EMPTY'  
          XPLTHT(J)=0.0  
          XLAI(J)=0.0
```

```

JNNODM(J)=0.0
JNSQRM (J)=0.0
JNFLWM (J)=0.0
JNGBLM (J)=0.0
JNMBLM (J)=0.0
JNABSM (J)=0.0
XWLEFH(J)=0.0
XWSTMH (J)=0.0
XWROTH(J)=0.0
XWGBLH (J)=0.0
XWMBLH (J)=0.0
XWLINT (J) =0.0
XWSEED (J)=0.0
XWBURR (J)=0.0
141          CONTINUE
139          CONTINUE

```

```

C=====
C          LOAD STATE VARIABLE INTO CORRECT 1-DIMENSIONAL ARRAY NAME
C          ALSO ASSIGNING CORRECT HEADER TO  ARRAY 'LABELB'
C=====

```

```

DO 263 I = 1, NOVAR
  DO 265 J = 1, IROW
    IF(NV(I).EQ.1) THEN
      LABELB(I)='XPLTHT'
      XPLTHT(J) = RVDATA(J,I)
    ELSEIF (NV(I).EQ.2) THEN
      LABELB(I)='XLAI'
      XLAI(J) = RVDATA(J,I)
    ELSEIF (NV(I).EQ.3) THEN
      LABELB(I)='JNNODM'
      JNNODM(J) = RVDATA(J,I)
    ELSEIF (NV(I).EQ.4) THEN
      LABELB(I)='JNSQRM'
      JNSQRM(J) = RVDATA(J,I)
    ELSEIF (NV(I).EQ.5) THEN
      LABELB(I)='JNFLWM'
      JNFLWM(J) = RVDATA(J,I)
    ELSEIF (NV(I).EQ.6) THEN
      LABELB(I)='JNGBLM'
      JNGBLM(J) = RVDATA(J,I)
    ELSEIF (NV(I).EQ.7) THEN
      LABELB(I)='JNMBLM'
      JNMBLM(J) = RVDATA(J,I)
    ELSEIF (NV(I).EQ.8) THEN
      LABELB(I)='JNABSM'
      JNABSM(J) = RVDATA(J,I)
    ELSEIF (NV(I).EQ.9) THEN
      LABELB(I)='XWLEFH'
      XWLEFH(J) = RVDATA(J,I)
    ELSEIF (NV(I).EQ.10) THEN

```

```

        LABELB(I)='XWSTMH'
        XWSTMH(J) = RVDATA(J,I)
ELSEIF (NV(I).EQ.11) THEN
        LABELB(I)='XWROTH'
        XWROTH(J) = RVDATA(J,I)
ELSEIF (NV(I).EQ.12) THEN
        LABELB(I)='XWGBLH'
        XWGBLH(J) = RVDATA(J,I)
ELSEIF (NV(I).EQ.13) THEN
        LABELB(I)='XWMBLH'
        XWMBLH(J) = RVDATA(J,I)
ELSEIF (NV(I).EQ.14) THEN
        LABELB(I)='XWLINT'
        XWLINT(J) = RVDATA(J,I)
ELSEIF (NV(I).EQ.15) THEN
        LABELB(I)='XWSEED'
        XWSEED(J) = RVDATA(J,I)
ELSEIF (NV(I).EQ.16) THEN
        LABELB(I)='XWBURR'
        XWBURR(J) = RVDATA(J,I)
ELSE
        WRITE(3,*)'ERROR IN INDEXING OF STATE VARIABLES'
        WRITE(6,*)'ERROR IN INDEXING OF STATE VARIABLES'
        STOP
ENDIF
265     CONTINUE
263     CONTINUE

C=====
C           THIS WRITES-OUT HEADERS FOR INDEXED STATE VARIABLE.
C
C           HEADERS NOT USED WILL BE 'EMPTY' IN PRINT-OUT.
C=====

IF (NOVAR.LE.8) THEN
    WRITE(3,*)
    WRITE(3, '(A4,8(A8))')' JDOY', (LABELB(I), I=1, NOVAR)
    DO 99 J=1, IROW
        WRITE(3, '(I3,8(F8.2))')JDOYA(J), (RVDATA(J,L), L=1, NOVAR)
99     CONTINUE
    WRITE(3, '(I3)')JDOYA(ICOUNT)
ELSE
    WRITE(3,*)
    WRITE(3, '(A4,8(A8))')' JDOY', (LABELB(I), I=1, 8)
    DO 599 J=1, IROW
        WRITE(3, '(I3,8(F8.2))')JDOYA(J), (RVDATA(J,L), L=1, 8)
599   CONTINUE
    WRITE(3, '(I3)')JDOYA(ICOUNT)
    WRITE(3,*)
    WRITE(3, '(A4,8(A8))')' JDOY', (LABELB(I), I=9, NOVAR)
    DO 699 J=1, IROW
        WRITE(3, '(I3,8(F8.2))')JDOYA(J), (RVDATA(J,L), L=9, NOVAR)

```

```
699          CONTINUE
          ENDIF

434  WRITE(3, '(/,A8,/,A45,/,8X,A25)') 'FILE B-
#    ', FILEB, ' WAS PROCESSED CORRECTLY'
      RETURN
      END
```

1983 DATA

FILENAME: CTEXP83.DIR EXPERIMENT FILE DIRECTORY FOR 1983

EXPID , EXPERIMENT DESCRIPTION, WEATHER FILE, SOIL FILE,  
SOIL NITR., INITIAL SOIL, IRRIGATION, NITR. FERT, CROP MANAGMENT, GENETICS,  
FINAL HARVEST, INTER GROWTH, OUTPUT 1, OUTPUT 2, OUTPUT 3, OUTPUT 4

PX4A8301 1983, CO2=NO CHAMBER,REP=1 PX4A0605.W83 AVONDALE.CT2  
PX4A8301.CT4 PX4A8301.CT5 PX4A8301.CT6 PX4A8301.CT7 PX4A8301.CT8 GENETICS.CT9  
PX4A8301.CTA PX4A8301.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX2C8301 1983, CO2=NO CHAMBER,REP=2 PX2C0605.W83 AVONDALE.CT2  
PX4A8301.CT4 PX4A8301.CT5 PX4A8301.CT6 PX4A8301.CT7 PX2C8301.CT8 GENETICS.CT9  
PX2C8301.CTA PX2C8301.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX4B8301 1983, CO2=AMBIENT,REP=1 PX4B0605.W83 AVONDALE.CT2  
PX4A8301.CT4 PX4A8301.CT5 PX4A8301.CT6 PX4A8301.CT7 PX4B8301.CT8 GENETICS.CT9  
PX4B8301.CTA PX4B8301.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX4L8301 1983, CO2=AMBIENT,REP=1,LYSIMETER PX4B0605.W83 AVONLYSM.CT2  
PX4A8301.CT4 PX4L8301.CT5 PX4L8301.CT6 PX4A8301.CT7 PX4B8301.CT8 GENETICS.CT9  
PX4L8301.CTA PX4L8301.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX3C8301 1983, CO2=AMBIENT,REP=2 PX3C0605.W83 AVONDALE.CT2  
PX4A8301.CT4 PX4A8301.CT5 PX4A8301.CT6 PX4A8301.CT7 PX3C8301.CT8 GENETICS.CT9  
PX3C8301.CTA PX3C8301.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX3B8301 1983, CO2= 500,REP=1 PX3B0605.W83 AVONDALE.CT2  
PX4A8301.CT4 PX4A8301.CT5 PX4A8301.CT6 PX4A8301.CT7 PX3B8301.CT8 GENETICS.CT9  
PX3B8301.CTA PX3B8301.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX3L8301 1983, CO2= 500,REP=1,LYSIMETER PX3B0605.W83 AVONLYSM.CT2  
PX4A8301.CT4 PX4L8301.CT5 PX3L8301.CT6 PX4A8301.CT7 PX3B8301.CT8 GENETICS.CT9  
PX3L8301.CTA PX3L8301.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX4C8301 1983, CO2= 500,REP=2 PX4C0605.W83 AVONDALE.CT2  
PX4A8301.CT4 PX4A8301.CT5 PX4A8301.CT6 PX4A8301.CT7 PX4C8301.CT8 GENETICS.CT9  
PX4C8301.CTA PX4C8301.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX2B8301 1983, CO2= 650,REP=1 PX2B0605.W83 AVONDALE.CT2  
PX4A8301.CT4 PX4A8301.CT5 PX4A8301.CT6 PX4A8301.CT7 PX2B8301.CT8 GENETICS.CT9  
PX2B8301.CTA PX2B8301.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX2L8301 1983, CO2= 650,REP=1,LYSIMETER PX2B0605.W83 AVONLYSM.CT2  
PX4A8301.CT4 PX4L8301.CT5 PX2L8301.CT6 PX4A8301.CT7 PX2B8301.CT8 GENETICS.CT9  
PX2L8301.CTA PX2L8301.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX3A8301 1983, CO2= 650,REP=2 PX3A0605.W83 AVONDALE.CT2  
PX4A8301.CT4 PX4A8301.CT5 PX4A8301.CT6 PX4A8301.CT7 PX3A8301.CT8 GENETICS.CT9  
PX3A8301.CTA PX3A8301.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT



FILENAME: WTH83.DIR

WEATHER FILE DIRECTORY FOR 1983

<u>WTHID</u>	<u>WEATHER STATION DESCRIPTION</u>	<u>BEGDATE</u>	<u>ENDDATE</u>	<u>WEATHER FILE</u>
PX4A	PHOENIX,AZ,CO2=NO CHAMBER,REP=1	06/01/83	10/26/83	PX4A0605.W83
PX2C	PHOENIX,AZ,CO2=NO CHAMBER,REP=2	06/01/83	10/26/83	PX2C0605.W83
PX4B	PHOENIX,AZ,CO2=AMBIENT,REP=1	06/01/83	10/26/83	PX4B0605.W83
PX3C	PHOENIX,AZ,CO2=AMBIENT,REP=2	06/01/83	10/26/83	PX3C0605.W83
PX3B	PHOENIX,AZ,CO2= 500,REP=1	06/01/83	10/26/83	PX3B0605.W83
PX4C	PHOENIX,AZ,CO2= 500,REP=2	06/01/83	10/26/83	PX4C0605.W83
PX2B	PHOENIX,AZ,CO2= 650,REP=1	06/01/83	10/26/83	PX2B0605.W83
PX3A	PHOENIX,AZ,CO2= 650,REP=2	06/01/83	10/26/83	PX3A0605.W83

FILENAME: PX4A0605.W83

WEATHER DATA FOR NO CHAMBER, REP=#1

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC     ↓     CO2YR WINDYR  
 PX4A 33.40 112.00 2.30 0 1 1 0 1 350 0.0

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
<u>INSTW</u>	<u>JUL</u>	<u>XTMAX</u>		<u>XRAIN</u>		<u>WIND</u>		<u>STMAX</u>		<u>CO2</u>			
PX4A	83	152	26.27	36.1	23.3	0.0	0.00	290.0	2.3	0.0	0.0	350	01-Jun
PX4A	83	153	30.20	33.3	20.6	0.0	0.00	227.9	3.0	0.0	0.0	350	02-Jun
PX4A	83	154	30.72	35.6	18.9	0.0	0.00	185.3	2.5	0.0	0.0	350	03-Jun
PX4A	83	155	30.71	35.6	21.1	0.0	0.00	189.2	3.0	0.0	0.0	350	04-Jun
PX4A	83	156	29.86	37.2	20.6	0.0	0.00	123.2	2.7	0.0	0.0	350	05-Jun
PX4A	83	157	29.50	38.9	22.2	0.0	0.00	158.1	3.4	0.0	0.0	350	06-Jun
PX4A	83	158	28.38	40.0	22.8	0.0	0.00	224.0	2.9	0.0	0.0	350	07-Jun
PX4A	83	159	30.20	39.4	24.4	0.0	0.00	301.6	3.4	0.0	0.0	350	08-Jun
PX4A	83	160	29.67	37.2	23.9	0.0	0.00	216.3	3.0	0.0	0.0	350	09-Jun
PX4A	83	161	29.08	36.3	20.6	0.0	0.00	119.4	3.8	0.0	0.0	350	10-Jun
PX4A	83	162	28.93	36.8	21.2	0.0	0.00	297.7	3.2	0.0	0.0	350	11-Jun
PX4A	83	163	30.09	33.7	21.8	0.0	0.00	189.2	3.8	0.0	0.0	350	12-Jun
PX4A	83	164	29.84	35.8	19.3	0.0	0.00	127.1	3.4	0.0	0.0	350	13-Jun
PX4A	83	165	30.49	37.3	18.7	0.0	0.00	173.6	4.1	0.0	0.0	350	14-Jun
PX4A	83	166	29.43	37.9	18.7	0.0	0.00	212.4	3.6	0.0	0.0	350	15-Jun
PX4A	83	167	28.92	37.9	22.4	0.0	0.00	173.6	4.1	0.0	0.0	350	16-Jun
PX4A	83	168	29.56	39.4	22.4	0.0	0.00	185.3	3.8	0.0	0.0	350	17-Jun
PX4A	83	169	30.67	38.9	21.8	0.0	0.00	150.4	4.6	0.0	0.0	350	18-Jun
PX4A	83	170	31.22	38.9	21.8	0.0	0.00	239.6	4.5	0.0	0.0	350	19-Jun
PX4A	83	171	30.64	38.4	22.4	0.0	0.00	286.1	5.0	0.0	0.0	350	20-Jun
PX4A	83	172	26.28	38.4	22.4	0.0	0.00	212.4	4.5	0.0	0.0	350	21-Jun
PX4A	83	173	23.64	38.0	21.2	0.0	0.00	127.1	3.8	0.0	0.0	350	22-Jun
PX4A	83	174	20.14	37.2	28.0	0.0	0.00	155.5	3.8	0.0	0.0	350	23-Jun
PX4A	83	175	29.91	38.7	23.2	0.0	0.00	388.8	5.3	0.0	0.0	350	24-Jun
PX4A	83	176	31.17	36.4	19.1	0.0	0.00	224.6	1.7	0.0	0.0	350	25-Jun
PX4A	83	177	30.92	37.3	19.1	0.0	0.00	259.2	3.8	0.0	0.0	350	26-Jun
PX4A	83	178	30.17	35.6	18.4	0.0	0.00	207.4	3.8	0.0	0.0	350	27-Jun
PX4A	83	179	28.51	36.0	18.4	0.0	0.00	146.9	3.8	0.0	0.0	350	28-Jun
PX4A	83	180	30.14	38.1	18.8	0.0	0.00	164.2	1.7	0.0	0.0	350	29-Jun
PX4A	83	181	29.39	38.8	20.1	0.0	0.00	207.4	1.1	0.0	0.0	350	30-Jun
PX4A	83	182	30.30	38.8	22.8	0.0	0.00	267.8	3.6	0.0	0.0	350	01-Jul
PX4A	83	183	29.81	38.1	20.2	0.0	0.00	172.8	2.7	0.0	0.0	350	02-Jul
PX4A	83	184	30.01	37.3	19.5	0.0	0.00	125.3	3.0	0.0	0.0	350	03-Jul
PX4A	83	185	30.21	40.9	22.5	0.0	0.00	133.9	5.9	0.0	0.0	350	04-Jul
PX4A	83	186	29.68	44.1	22.6	0.0	0.00	198.7	5.0	0.0	0.0	350	05-Jul
PX4A	83	187	28.64	41.9	28.9	0.0	0.00	259.2	10.0	0.0	0.0	350	06-Jul
PX4A	83	188	23.90	38.5	28.9	1.0	0.00	302.4	14.4	0.0	0.0	350	07-Jul
PX4A	83	189	20.58	37.1	25.7	0.0	0.00	95.0	17.5	0.0	0.0	350	08-Jul
PX4A	83	190	19.74	35.5	27.1	0.0	0.00	155.5	17.5	0.0	0.0	350	09-Jul
PX4A	83	191	27.89	40.0	26.4	0.0	0.00	241.9	15.0	0.0	0.0	350	10-Jul
PX4A	83	192	28.64	39.7	25.8	0.0	0.00	164.1	13.9	0.0	0.0	350	11-Jul
PX4A	83	193	27.75	40.6	27.8	0.0	0.00	203.0	12.7	0.0	0.0	350	12-Jul
PX4A	83	194	28.73	41.0	27.1	0.0	0.00	241.9	11.5	0.0	0.0	350	13-Jul
PX4A	83	195	28.06	40.9	28.3	0.0	0.00	337.0	12.1	0.0	0.0	350	14-Jul
PX4A	83	196	28.07	40.3	27.3	0.0	0.00	337.0	13.0	0.0	0.0	350	15-Jul
PX4A	83	197	29.80	39.9	24.8	0.0	0.00	354.2	8.5	0.0	0.0	350	16-Jul

INSTW	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
		JUL	XTMAX	XRAIN	WIND	STMAX	CO2						
PX4A	83	198	28.33	40.4	22.2	0.0	0.00	233.3	3.2	0.0	0.0	350	17-Jul
PX4A	83	199	28.47	40.9	23.7	0.0	0.00	190.1	3.9	0.0	0.0	350	18-Jul
PX4A	83	200	26.10	40.8	27.5	0.0	0.00	181.4	6.4	0.0	0.0	350	19-Jul
PX4A	83	201	21.09	37.3	30.7	0.0	0.00	259.2	14.8	0.0	0.0	350	20-Jul
PX4A	83	202	10.59	31.9	25.9	0.0	0.00	259.2	19.0	0.0	0.0	350	21-Jul
PX4A	83	203	16.80	32.5	26.3	0.0	0.00	337.0	19.3	0.0	0.0	350	22-Jul
PX4A	83	204	27.29	38.2	26.6	0.0	0.00	250.6	19.3	0.0	0.0	350	23-Jul
PX4A	83	205	25.30	39.2	28.0	0.0	0.00	267.8	18.7	0.0	0.0	350	24-Jul
PX4A	83	206	25.69	39.8	28.5	0.0	0.00	267.8	17.1	0.0	0.0	350	25-Jul
PX4A	83	207	13.05	40.9	27.2	0.0	0.00	259.2	14.1	0.0	0.0	350	26-Jul
PX4A	83	208	27.92	38.8	27.7	0.0	0.00	423.4	15.6	0.0	0.0	350	27-Jul
PX4A	83	209	26.41	37.6	26.3	0.0	0.00	224.6	16.4	0.0	0.0	350	28-Jul
PX4A	83	210	24.81	38.5	27.2	0.0	0.00	362.9	16.7	0.0	0.0	350	29-Jul
PX4A	83	211	26.28	38.5	26.8	1.0	0.00	250.6	17.6	0.0	0.0	350	30-Jul
PX4A	83	212	27.08	39.4	27.4	0.0	0.00	259.2	17.3	0.0	0.0	350	31-Jul
PX4A	83	213	23.51	39.1	28.2	0.0	0.00	311.0	19.2	0.0	0.0	350	01-Aug
PX4A	83	214	26.90	38.9	27.4	0.0	0.00	181.4	20.5	0.0	0.0	350	02-Aug
PX4A	83	215	26.71	40.9	28.8	0.0	0.00	337.0	24.1	0.0	0.0	350	03-Aug
PX4A	83	216	22.57	37.0	26.3	0.0	0.00	362.9	18.8	0.0	0.0	350	04-Aug
PX4A	83	217	24.16	40.7	26.8	0.0	0.00	198.7	17.8	0.0	0.0	350	05-Aug
PX4A	83	218	26.46	39.8	26.9	0.0	0.00	224.6	17.7	0.0	0.0	350	06-Aug
PX4A	83	219	23.62	38.6	25.6	17.0	0.00	311.0	19.3	0.0	0.0	350	07-Aug
PX4A	83	220	17.62	36.9	25.6	1.0	0.00	285.1	20.8	0.0	0.0	350	08-Aug
PX4A	83	221	20.01	33.2	22.2	12.0	0.00	233.3	21.8	0.0	0.0	350	09-Aug
PX4A	83	222	23.54	34.2	21.9	0.0	0.00	198.7	24.0	0.0	0.0	350	10-Aug
PX4A	83	223	24.90	34.7	23.8	0.0	0.00	276.5	23.5	0.0	0.0	350	11-Aug
PX4A	83	224	26.61	37.5	21.7	0.0	0.00	121.0	19.4	0.0	0.0	350	12-Aug
PX4A	83	225	26.70	41.5	24.7	0.0	0.00	230.6	20.2	0.0	0.0	350	13-Aug
PX4A	83	226	25.98	40.3	24.9	2.0	0.00	311.0	23.8	0.0	0.0	350	14-Aug
PX4A	83	227	25.69	38.3	24.2	1.0	0.00	250.6	22.4	0.0	0.0	350	15-Aug
PX4A	83	228	22.54	36.9	23.2	0.0	0.00	233.3	23.4	0.0	0.0	350	16-Aug
PX4A	83	229	8.45	27.9	22.1	36.0	0.00	267.8	22.3	0.0	0.0	350	17-Aug
PX4A	83	230	20.46	33.9	21.2	3.0	0.00	198.7	21.8	0.0	0.0	350	18-Aug
PX4A	83	231	24.50	34.6	22.4	1.0	0.00	172.8	21.5	0.0	0.0	350	19-Aug
PX4A	83	232	25.45	35.7	20.8	0.0	0.00	198.7	21.9	0.0	0.0	350	20-Aug
PX4A	83	233	26.12	35.6	21.9	0.0	0.00	172.8	20.6	0.0	0.0	350	21-Aug
PX4A	83	234	26.04	35.0	20.1	0.0	0.00	146.8	14.2	0.0	0.0	350	22-Aug
PX4A	83	235	25.24	36.4	21.0	0.0	0.00	155.5	13.9	0.0	0.0	350	23-Aug
PX4A	83	236	24.89	37.2	23.2	0.0	0.00	172.8	16.5	0.0	0.0	350	24-Aug
PX4A	83	237	25.19	37.4	20.9	0.0	0.00	103.7	13.2	0.0	0.0	350	25-Aug
PX4A	83	238	24.62	39.0	24.4	0.0	0.00	146.9	14.1	0.0	0.0	350	26-Aug
PX4A	83	239	24.50	38.2	25.8	0.0	0.00	198.2	15.2	0.0	0.0	350	27-Aug
PX4A	83	240	14.03	35.6	28.1	0.0	0.00	164.2	16.8	0.0	0.0	350	28-Aug
PX4A	83	241	22.66	36.8	28.2	0.0	0.00	181.4	16.9	0.0	0.0	350	29-Aug
PX4A	83	242	23.32	38.1	26.6	0.0	0.00	129.6	17.3	0.0	0.0	350	30-Aug
PX4A	83	243	23.07	40.5	26.1	0.0	0.00	190.1	21.7	0.0	0.0	350	31-Aug
PX4A	83	244	23.01	39.0	27.7	0.0	0.00	207.4	22.6	0.0	0.0	350	01-Sep
PX4A	83	245	22.79	40.2	27.2	0.0	0.00	129.6	21.2	0.0	0.0	350	02-Sep
PX4A	83	246	23.00	40.2	27.5	0.0	0.00	129.6	26.0	0.0	0.0	350	03-Sep
PX4A	83	247	23.68	40.5	24.0	0.0	0.00	207.4	18.9	0.0	0.0	350	04-Sep
PX4A	83	248	23.71	37.9	24.6	0.0	0.00	146.9	20.7	0.0	0.0	350	05-Sep

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL	XTMAX		XRAIN		WIND		STMAX		CO2			
PX4A	83	249	23.96	37.4	26.9	0.0	0.00	259.2	20.8	0.0	0.0	350	06-Sep
PX4A	83	250	22.53	35.4	24.4	0.0	0.00	146.9	18.4	0.0	0.0	350	07-Sep
PX4A	83	251	22.00	39.6	24.5	0.0	0.00	121.0	17.7	0.0	0.0	350	08-Sep
PX4A	83	252	21.89	38.4	25.9	0.0	0.00	112.3	17.0	0.0	0.0	350	09-Sep
PX4A	83	253	22.18	38.1	27.5	0.0	0.00	241.9	17.5	0.0	0.0	350	10-Sep
PX4A	83	254	22.17	37.4	26.4	0.0	0.00	250.6	17.7	0.0	0.0	350	11-Sep
PX4A	83	255	21.75	36.7	28.4	0.0	0.00	224.6	18.2	0.0	0.0	350	12-Sep
PX4A	83	256	21.38	37.8	24.8	0.0	0.00	172.8	15.4	0.0	0.0	350	13-Sep
PX4A	83	257	21.25	37.9	26.0	0.0	0.00	216.0	15.8	0.0	0.0	350	14-Sep
PX4A	83	258	20.71	37.3	26.4	0.0	0.00	276.5	17.5	0.0	0.0	350	15-Sep
PX4A	83	259	19.68	35.5	24.4	0.0	0.00	233.3	17.1	0.0	0.0	350	16-Sep
PX4A	83	260	20.60	35.6	24.1	0.0	0.00	164.2	17.3	0.0	0.0	350	17-Sep
PX4A	83	261	19.92	35.6	24.8	0.0	0.00	172.8	18.3	0.0	0.0	350	18-Sep
PX4A	83	262	15.73	34.4	23.7	0.0	0.00	190.1	19.4	0.0	0.0	350	19-Sep
PX4A	83	263	14.79	33.0	23.7	6.0	0.00	138.2	20.1	0.0	0.0	350	20-Sep
PX4A	83	264	21.05	35.6	20.6	0.0	0.00	129.6	15.0	0.0	0.0	350	21-Sep
PX4A	83	265	20.41	36.7	22.3	0.0	0.00	319.7	16.4	0.0	0.0	350	22-Sep
PX4A	83	266	13.83	34.1	20.9	1.0	0.00	267.8	18.2	0.0	0.0	350	23-Sep
PX4A	83	267	19.40	32.0	21.1	1.0	0.00	233.3	18.0	0.0	0.0	350	24-Sep
PX4A	83	268	18.64	34.6	21.2	0.0	0.00	121.0	15.8	0.0	0.0	350	25-Sep
PX4A	83	269	16.38	35.2	21.0	0.0	0.00	181.4	13.9	0.0	0.0	350	26-Sep
PX4A	83	270	20.59	34.0	19.7	0.0	0.00	103.7	14.0	0.0	0.0	350	27-Sep
PX4A	83	271	17.15	34.5	21.5	7.0	0.00	535.7	11.5	0.0	0.0	350	28-Sep
PX4A	83	272	3.17	21.5	17.7	0.0	0.00	432.0	17.0	0.0	0.0	350	29-Sep
PX4A	83	273	13.42	26.5	19.7	37.0	0.00	302.4	17.9	0.0	0.0	350	30-Sep
PX4A	83	274	7.41	20.8	17.1	2.0	0.00	388.8	17.0	0.0	0.0	350	01-Oct
PX4A	83	275	19.15	25.8	16.9	0.0	0.00	121.0	16.4	0.0	0.0	350	02-Oct
PX4A	83	276	19.11	27.3	17.9	0.0	0.00	198.7	17.5	0.0	0.0	350	03-Oct
PX4A	83	277	18.65	29.5	17.5	0.0	0.00	198.7	17.3	0.0	0.0	350	04-Oct
PX4A	83	278	16.50	29.6	18.7	0.0	0.00	198.7	17.3	0.0	0.0	350	05-Oct
PX4A	83	279	18.61	28.9	18.4	0.0	0.00	129.6	16.9	0.0	0.0	350	06-Oct
PX4A	83	280	18.51	31.0	18.2	0.0	0.00	181.4	19.2	0.0	0.0	350	07-Oct
PX4A	83	281	15.63	29.2	20.5	0.0	0.00	198.7	17.6	0.0	0.0	350	08-Oct
PX4A	83	282	18.97	31.1	18.3	0.0	0.00	121.0	16.8	0.0	0.0	350	09-Oct
PX4A	83	283	18.23	31.2	18.0	0.0	0.00	146.9	16.0	0.0	0.0	350	10-Oct
PX4A	83	284	18.68	32.4	16.8	0.0	0.00	121.0	11.6	0.0	0.0	350	11-Oct
PX4A	83	285	19.29	31.3	14.1	0.0	0.00	129.6	6.2	0.0	0.0	350	12-Oct
PX4A	83	286	18.14	30.7	14.6	0.0	0.00	267.8	8.8	0.0	0.0	350	13-Oct
PX4A	83	287	18.01	28.4	17.5	0.0	0.00	233.3	9.8	0.0	0.0	350	14-Oct
PX4A	83	288	17.78	27.2	14.3	0.0	0.00	216.0	9.9	0.0	0.0	350	15-Oct
PX4A	83	289	17.69	28.8	15.9	0.0	0.00	121.0	10.5	0.0	0.0	350	16-Oct
PX4A	83	290	10.61	26.1	16.4	0.0	0.00	497.7	12.9	0.0	0.0	350	17-Oct
PX4A	83	291	16.67	27.2	16.5	0.0	0.00	170.2	14.0	0.0	0.0	350	18-Oct
PX4A	83	292	11.74	26.7	19.7	0.0	0.00	188.4	13.9	0.0	0.0	350	19-Oct
PX4A	83	293	17.00	26.9	16.9	0.0	0.00	166.8	13.0	0.0	0.0	350	20-Oct
PX4A	83	294	17.12	28.2	16.0	0.0	0.00	149.5	13.2	0.0	0.0	350	21-Oct
PX4A	83	295	16.97	29.8	15.8	0.0	0.00	115.8	13.0	0.0	0.0	350	22-Oct
PX4A	83	296	16.82	29.0	16.0	0.0	0.00	182.3	13.7	0.0	0.0	350	23-Oct
PX4A	83	297	12.05	26.8	16.6	0.0	0.00	233.3	13.9	0.0	0.0	350	24-Oct
PX4A	83	298	16.12	27.2	16.8	0.0	0.00	407.8	13.2	0.0	0.0	350	25-Oct
PX4A	83	299	15.50	27.0	16.7	0.0	0.00	300.0	13.1	0.0	0.0	350	26-Oct

FILENAME: PX2C0605.W83

WEATHER DATA FOR NO CHAMBER, REP=#2

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC      ↓      CO2YR WINDYR  
 PX2C 33.40 112.00 2.30 0 1 1 0 1 350 0.0

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
<u>INSTW</u>	<u>JUL</u>		<u>XTMAX</u>		<u>XRAIN</u>		<u>WIND</u>		<u>STMAX</u>		<u>CO2</u>		
PX2C	83	152	26.27	36.1	23.3	0.0	0.00	290.0	2.3	0.0	0.0	350	01-Jun
PX2C	83	153	30.20	33.3	20.6	0.0	0.00	227.9	3.0	0.0	0.0	350	02-Jun
PX2C	83	154	30.72	35.6	18.9	0.0	0.00	185.3	2.5	0.0	0.0	350	03-Jun
PX2C	83	155	30.71	35.6	21.1	0.0	0.00	189.2	3.0	0.0	0.0	350	04-Jun
PX2C	83	156	29.86	37.2	20.6	0.0	0.00	123.2	2.7	0.0	0.0	350	05-Jun
PX2C	83	157	29.50	38.9	22.2	0.0	0.00	158.1	3.4	0.0	0.0	350	06-Jun
PX2C	83	158	28.38	40.0	22.8	0.0	0.00	224.0	2.9	0.0	0.0	350	07-Jun
PX2C	83	159	30.20	39.4	24.4	0.0	0.00	301.6	3.4	0.0	0.0	350	08-Jun
PX2C	83	160	29.67	37.2	23.9	0.0	0.00	216.3	3.0	0.0	0.0	350	09-Jun
PX2C	83	161	29.08	36.7	20.6	0.0	0.00	119.4	3.8	0.0	0.0	350	10-Jun
PX2C	83	162	28.93	37.2	21.2	0.0	0.00	297.7	3.2	0.0	0.0	350	11-Jun
PX2C	83	163	30.09	34.1	21.9	0.0	0.00	189.2	3.8	0.0	0.0	350	12-Jun
PX2C	83	164	29.84	36.2	19.4	0.0	0.00	127.1	3.4	0.0	0.0	350	13-Jun
PX2C	83	165	30.49	37.7	18.7	0.0	0.00	173.6	4.1	0.0	0.0	350	14-Jun
PX2C	83	166	29.43	38.2	18.7	0.0	0.00	212.4	3.6	0.0	0.0	350	15-Jun
PX2C	83	167	28.92	38.2	22.5	0.0	0.00	173.6	4.1	0.0	0.0	350	16-Jun
PX2C	83	168	29.56	39.7	22.5	0.0	0.00	185.3	3.8	0.0	0.0	350	17-Jun
PX2C	83	169	30.67	39.2	21.9	0.0	0.00	150.4	4.6	0.0	0.0	350	18-Jun
PX2C	83	170	31.22	39.2	21.9	0.0	0.00	239.6	4.5	0.0	0.0	350	19-Jun
PX2C	83	171	30.64	38.7	22.5	0.0	0.00	286.1	5.0	0.0	0.0	350	20-Jun
PX2C	83	172	26.28	38.7	22.5	0.0	0.00	212.4	4.5	0.0	0.0	350	21-Jun
PX2C	83	173	23.60	38.0	21.2	0.0	0.00	127.1	3.8	0.0	0.0	350	22-Jun
PX2C	83	174	20.10	37.5	24.4	0.0	0.00	155.5	3.8	0.0	0.0	350	23-Jun
PX2C	83	175	29.90	39.1	23.5	0.0	0.00	388.8	5.4	0.0	0.0	350	24-Jun
PX2C	83	176	31.10	36.7	19.2	0.0	0.00	224.6	-0.0	0.0	0.0	350	25-Jun
PX2C	83	177	30.90	37.8	20.2	0.0	0.00	259.2	1.5	0.0	0.0	350	26-Jun
PX2C	83	178	30.20	36.0	18.5	0.0	0.00	207.4	3.0	0.0	0.0	350	27-Jun
PX2C	83	179	28.50	38.1	18.8	0.0	0.00	146.9	3.8	0.0	0.0	350	28-Jun
PX2C	83	180	30.14	39.2	18.8	0.0	0.00	164.2	3.8	0.0	0.0	350	29-Jun
PX2C	83	181	29.39	39.2	20.2	0.0	0.00	207.4	5.1	0.0	0.0	350	30-Jun
PX2C	83	182	30.30	39.1	22.8	0.0	0.00	267.8	7.8	0.0	0.0	350	01-Jul
PX2C	83	183	29.81	38.2	20.0	0.0	0.00	172.8	6.8	0.0	0.0	350	02-Jul
PX2C	83	184	30.01	37.2	19.5	0.0	0.00	125.3	3.6	0.0	0.0	350	03-Jul
PX2C	83	185	30.21	40.9	22.5	0.0	0.00	133.9	7.0	0.0	0.0	350	04-Jul
PX2C	83	186	29.68	44.4	22.9	0.0	0.00	198.7	5.8	0.0	0.0	350	05-Jul
PX2C	83	187	28.64	41.9	28.9	0.0	0.00	259.2	10.0	0.0	0.0	350	06-Jul
PX2C	83	188	23.90	38.5	28.9	1.0	0.00	302.4	14.4	0.0	0.0	350	07-Jul
PX2C	83	189	20.58	36.9	25.7	0.0	0.00	95.0	17.4	0.0	0.0	350	08-Jul
PX2C	83	190	19.74	35.2	27.1	0.0	0.00	155.5	17.4	0.0	0.0	350	09-Jul
PX2C	83	191	27.89	40.8	26.4	0.0	0.00	241.9	14.5	0.0	0.0	350	10-Jul
PX2C	83	192	28.64	40.2	25.6	0.0	0.00	164.1	13.5	0.0	0.0	350	11-Jul
PX2C	83	193	27.75	40.6	28.0	0.0	0.00	203.0	12.2	0.0	0.0	350	12-Jul
PX2C	83	194	28.73	41.6	26.9	0.0	0.00	241.9	11.1	0.0	0.0	350	13-Jul
PX2C	83	195	28.06	41.6	28.6	0.0	0.00	337.0	12.3	0.0	0.0	350	14-Jul
PX2C	83	196	28.07	40.9	27.5	0.0	0.00	337.0	13.4	0.0	0.0	350	15-Jul

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX2C	83	197	29.80	40.3	25.0	0.0	0.00	354.2	9.0	0.0	0.0	350	16-Jul
PX2C	83	198	28.33	39.9	22.2	0.0	0.00	233.3	3.9	0.0	0.0	350	17-Jul
PX2C	83	199	28.47	41.3	23.8	0.0	0.00	190.1	3.4	0.0	0.0	350	18-Jul
PX2C	83	200	26.10	41.4	27.5	0.0	0.00	181.4	5.6	0.0	0.0	350	19-Jul
PX2C	83	201	21.09	37.8	30.8	0.0	0.00	259.2	14.4	0.0	0.0	350	20-Jul
PX2C	83	202	10.59	32.3	26.0	0.0	0.00	259.2	19.2	0.0	0.0	350	21-Jul
PX2C	83	203	16.80	32.7	26.4	0.0	0.00	337.0	19.8	0.0	0.0	350	22-Jul
PX2C	83	204	27.29	38.2	26.5	0.0	0.00	250.6	20.0	0.0	0.0	350	23-Jul
PX2C	83	205	25.30	39.3	28.1	0.0	0.00	267.8	19.5	0.0	0.0	350	24-Jul
PX2C	83	206	25.69	40.0	28.4	0.0	0.00	267.8	17.5	0.0	0.0	350	25-Jul
PX2C	83	207	13.05	40.2	27.1	0.0	0.00	259.2	14.7	0.0	0.0	350	26-Jul
PX2C	83	208	27.92	38.9	27.8	0.0	0.00	423.4	15.9	0.0	0.0	350	27-Jul
PX2C	83	209	26.41	38.1	26.4	0.0	0.00	224.6	16.4	0.0	0.0	350	28-Jul
PX2C	83	210	24.81	38.5	27.2	0.0	0.00	362.9	18.8	0.0	0.0	350	29-Jul
PX2C	83	211	26.28	39.0	26.8	1.0	0.00	250.6	17.7	0.0	0.0	350	30-Jul
PX2C	83	212	27.08	40.4	27.2	0.0	0.00	259.2	18.7	0.0	0.0	350	31-Jul
PX2C	83	213	23.51	38.9	27.5	0.0	0.00	311.0	19.5	0.0	0.0	350	01-Aug
PX2C	83	214	26.90	39.3	27.3	0.0	0.00	181.4	17.7	0.0	0.0	350	02-Aug
PX2C	83	215	26.71	41.0	29.0	0.0	0.00	337.0	17.9	0.0	0.0	350	03-Aug
PX2C	83	216	22.57	37.2	26.6	0.0	0.00	362.9	18.6	0.0	0.0	350	04-Aug
PX2C	83	217	24.16	41.2	26.7	0.0	0.00	198.7	19.4	0.0	0.0	350	05-Aug
PX2C	83	218	26.46	40.4	27.1	0.0	0.00	224.6	18.5	0.0	0.0	350	06-Aug
PX2C	83	219	23.62	39.2	24.1	17.0	0.00	311.0	19.7	0.0	0.0	350	07-Aug
PX2C	83	220	17.62	36.7	24.1	1.0	0.00	285.1	22.0	0.0	0.0	350	08-Aug
PX2C	83	221	20.01	33.2	22.6	12.0	0.00	233.3	20.5	0.0	0.0	350	09-Aug
PX2C	83	222	23.54	33.3	22.3	0.0	0.00	198.7	21.3	0.0	0.0	350	10-Aug
PX2C	83	223	24.90	35.7	24.5	0.0	0.00	276.5	20.5	0.0	0.0	350	11-Aug
PX2C	83	224	26.61	38.6	24.2	0.0	0.00	121.0	17.4	0.0	0.0	350	12-Aug
PX2C	83	225	26.70	41.3	25.0	0.0	0.00	230.6	17.7	0.0	0.0	350	13-Aug
PX2C	83	226	25.98	39.0	25.8	2.0	0.00	311.0	20.0	0.0	0.0	350	14-Aug
PX2C	83	227	25.69	37.4	25.2	1.0	0.00	250.6	20.8	0.0	0.0	350	15-Aug
PX2C	83	228	22.54	35.2	21.2	0.0	0.00	233.3	21.7	0.0	0.0	350	16-Aug
PX2C	83	229	8.45	26.4	21.7	36.0	0.00	267.8	20.8	0.0	0.0	350	17-Aug
PX2C	83	230	20.46	32.4	21.9	3.0	0.00	198.7	21.6	0.0	0.0	350	18-Aug
PX2C	83	231	24.50	32.8	23.4	1.0	0.00	172.8	22.2	0.0	0.0	350	19-Aug
PX2C	83	232	25.45	33.9	22.2	0.0	0.00	198.7	18.1	0.0	0.0	350	20-Aug
PX2C	83	233	26.12	33.8	23.0	0.0	0.00	172.8	16.7	0.0	0.0	350	21-Aug
PX2C	83	234	26.04	34.7	21.7	0.0	0.00	146.8	13.3	0.0	0.0	350	22-Aug
PX2C	83	235	25.24	36.8	21.0	0.0	0.00	155.5	15.8	0.0	0.0	350	23-Aug
PX2C	83	236	24.89	36.9	22.8	0.0	0.00	172.8	19.9	0.0	0.0	350	24-Aug
PX2C	83	237	25.19	37.1	22.7	0.0	0.00	103.7	13.6	0.0	0.0	350	25-Aug
PX2C	83	238	24.62	38.5	24.5	0.0	0.00	146.9	15.8	0.0	0.0	350	26-Aug
PX2C	83	239	24.50	38.8	25.5	0.0	0.00	198.2	17.2	0.0	0.0	350	27-Aug
PX2C	83	240	14.03	36.2	28.1	0.0	0.00	164.2	18.8	0.0	0.0	350	28-Aug
PX2C	83	241	22.66	36.7	28.1	0.0	0.00	181.4	18.5	0.0	0.0	350	29-Aug
PX2C	83	242	23.32	38.8	26.4	0.0	0.00	129.6	18.5	0.0	0.0	350	30-Aug
PX2C	83	243	23.07	39.9	26.2	0.0	0.00	190.1	18.5	0.0	0.0	350	31-Aug
PX2C	83	244	23.01	39.3	27.6	0.0	0.00	207.4	19.5	0.0	0.0	350	01-Sep
PX2C	83	245	22.79	40.2	26.8	0.0	0.00	129.6	19.2	0.0	0.0	350	02-Sep
PX2C	83	246	23.00	40.5	28.7	0.0	0.00	129.6	19.8	0.0	0.0	350	03-Sep
PX2C	83	247	23.68	40.6	25.8	0.0	0.00	207.4	18.1	0.0	0.0	350	04-Sep

INSTW	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
	JUL		XTMAX		XRAIN	WIND	STMAX	CO2					
PX2C	83	248	23.71	36.9	26.3	0.0	0.00	146.9	20.0	0.0	0.0	350	05-Sep
PX2C	83	249	23.96	37.8	27.5	0.0	0.00	259.2	21.1	0.0	0.0	350	06-Sep
PX2C	83	250	22.53	34.7	24.6	0.0	0.00	146.9	18.8	0.0	0.0	350	07-Sep
PX2C	83	251	22.00	39.3	24.4	0.0	0.00	121.0	17.5	0.0	0.0	350	08-Sep
PX2C	83	252	21.89	37.8	25.6	0.0	0.00	112.3	17.3	0.0	0.0	350	09-Sep
PX2C	83	253	22.18	38.7	27.2	0.0	0.00	241.9	17.5	0.0	0.0	350	10-Sep
PX2C	83	254	22.17	37.9	26.3	0.0	0.00	250.6	17.9	0.0	0.0	350	11-Sep
PX2C	83	255	21.75	37.3	28.1	0.0	0.00	224.6	18.2	0.0	0.0	350	12-Sep
PX2C	83	256	21.38	37.3	24.5	0.0	0.00	172.8	17.3	0.0	0.0	350	13-Sep
PX2C	83	257	21.25	38.5	25.7	0.0	0.00	216.0	15.9	0.0	0.0	350	14-Sep
PX2C	83	258	20.71	37.5	26.2	0.0	0.00	276.5	17.7	0.0	0.0	350	15-Sep
PX2C	83	259	19.68	36.1	24.7	0.0	0.00	233.3	17.4	0.0	0.0	350	16-Sep
PX2C	83	260	20.60	36.1	24.2	0.0	0.00	164.2	17.6	0.0	0.0	350	17-Sep
PX2C	83	261	19.92	36.1	24.7	0.0	0.00	172.8	18.7	0.0	0.0	350	18-Sep
PX2C	83	262	15.73	34.6	23.9	0.0	0.00	190.1	19.5	0.0	0.0	350	19-Sep
PX2C	83	263	14.79	32.8	23.7	6.0	0.00	138.2	20.9	0.0	0.0	350	20-Sep
PX2C	83	264	21.05	37.1	19.6	0.0	0.00	129.6	19.9	0.0	0.0	350	21-Sep
PX2C	83	265	20.41	36.7	20.8	0.0	0.00	319.7	19.8	0.0	0.0	350	22-Sep
PX2C	83	266	13.83	33.9	21.0	1.0	0.00	267.8	18.4	0.0	0.0	350	23-Sep
PX2C	83	267	19.40	31.9	21.1	1.0	0.00	233.3	18.4	0.0	0.0	350	24-Sep
PX2C	83	268	18.64	34.7	21.2	0.0	0.00	121.0	15.9	0.0	0.0	350	25-Sep
PX2C	83	269	16.38	35.4	21.1	0.0	0.00	181.4	14.1	0.0	0.0	350	26-Sep
PX2C	83	270	20.59	33.9	19.5	0.0	0.00	103.7	14.1	0.0	0.0	350	27-Sep
PX2C	83	271	17.15	35.0	21.5	7.0	0.00	535.7	16.2	0.0	0.0	350	28-Sep
PX2C	83	272	3.17	21.5	17.5	0.0	0.00	432.0	16.8	0.0	0.0	350	29-Sep
PX2C	83	273	13.42	26.4	19.4	37.0	0.00	302.4	18.0	0.0	0.0	350	30-Sep
PX2C	83	274	7.41	20.9	17.1	2.0	0.00	388.8	17.0	0.0	0.0	350	01-Oct
PX2C	83	275	19.15	25.9	16.7	0.0	0.00	121.0	16.6	0.0	0.0	350	02-Oct
PX2C	83	276	19.11	27.4	17.8	0.0	0.00	198.7	17.5	0.0	0.0	350	03-Oct
PX2C	83	277	18.65	29.5	17.4	0.0	0.00	198.7	17.3	0.0	0.0	350	04-Oct
PX2C	83	278	16.50	29.9	18.9	0.0	0.00	198.7	17.3	0.0	0.0	350	05-Oct
PX2C	83	279	18.61	29.4	18.4	0.0	0.00	129.6	17.0	0.0	0.0	350	06-Oct
PX2C	83	280	18.51	31.3	18.3	0.0	0.00	181.4	16.4	0.0	0.0	350	07-Oct
PX2C	83	281	15.63	29.0	20.4	0.0	0.00	198.7	17.0	0.0	0.0	350	08-Oct
PX2C	83	282	18.97	31.3	18.4	0.0	0.00	121.0	16.5	0.0	0.0	350	09-Oct
PX2C	83	283	18.23	31.7	17.9	0.0	0.00	146.9	15.7	0.0	0.0	350	10-Oct
PX2C	83	284	18.68	32.2	16.7	0.0	0.00	121.0	11.9	0.0	0.0	350	11-Oct
PX2C	83	285	19.29	30.8	13.7	0.0	0.00	129.6	6.7	0.0	0.0	350	12-Oct
PX2C	83	286	18.14	30.9	14.7	0.0	0.00	267.8	8.9	0.0	0.0	350	13-Oct
PX2C	83	287	18.01	28.9	17.4	0.0	0.00	233.3	9.9	0.0	0.0	350	14-Oct
PX2C	83	288	17.78	27.6	14.5	0.0	0.00	216.0	10.0	0.0	0.0	350	15-Oct
PX2C	83	289	17.69	29.0	15.9	0.0	0.00	121.0	10.6	0.0	0.0	350	16-Oct
PX2C	83	290	10.61	26.5	17.5	0.0	0.00	497.7	13.0	0.0	0.0	350	17-Oct
PX2C	83	291	16.67	27.5	16.5	0.0	0.00	170.2	13.1	0.0	0.0	350	18-Oct
PX2C	83	292	11.74	27.0	19.7	0.0	0.00	188.4	13.0	0.0	0.0	350	19-Oct
PX2C	83	293	17.00	27.4	16.9	0.0	0.00	166.8	12.1	0.0	0.0	350	20-Oct
PX2C	83	294	17.12	28.4	16.0	0.0	0.00	149.5	12.3	0.0	0.0	350	21-Oct
PX2C	83	295	16.97	30.0	15.8	0.0	0.00	115.8	12.5	0.0	0.0	350	22-Oct
PX2C	83	296	16.82	29.1	16.0	0.0	0.00	182.3	13.0	0.0	0.0	350	23-Oct
PX2C	83	297	12.05	26.9	16.6	0.0	0.00	233.3	13.2	0.0	0.0	350	24-Oct
PX2C	83	298	16.12	27.2	16.8	0.0	0.00	407.8	12.5	0.0	0.0	350	25-Oct
PX2C	83	299	15.50	27.2	16.8	0.0	0.00	407.8	13.1	0.0	0.0	350	26-Oct

FILENAME: PX4B0605.W83

WEATHER DATA FOR CO2=AMBIENT, REP=#1

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC ↓ CO2YR WINDYR  
 PX4B 33.40 112.00 2.30 0 1 1 0 1 355 0.0

INSTW	IYR	SOLRAD		XTMIN		XPAR		DEWPT	STMIN		A00	
		JUL	XTMAX	XRAIN	WIND	STMAX	CO2					
PX4B 83	152	26.27	36.1	23.3	0.0	0.00	290.0	2.3	0.0	0.0	350	01-Jun
PX4B 83	153	30.20	33.3	20.6	0.0	0.00	227.9	3.0	0.0	0.0	350	02-Jun
PX4B 83	154	30.72	35.6	18.9	0.0	0.00	185.3	2.5	0.0	0.0	350	03-Jun
PX4B 83	155	30.71	35.6	21.1	0.0	0.00	189.2	3.0	0.0	0.0	350	04-Jun
PX4B 83	156	29.86	37.2	20.6	0.0	0.00	123.2	2.7	0.0	0.0	350	05-Jun
PX4B 83	157	29.50	38.9	22.2	0.0	0.00	158.1	3.4	0.0	0.0	350	06-Jun
PX4B 83	158	28.38	40.0	22.8	0.0	0.00	224.0	2.9	0.0	0.0	350	07-Jun
PX4B 83	159	30.20	39.4	24.4	0.0	0.00	301.6	3.4	0.0	0.0	350	08-Jun
PX4B 83	160	29.67	37.2	23.9	0.0	0.00	216.3	3.0	0.0	0.0	350	09-Jun
PX4B 83	161	29.08	37.7	19.3	0.0	0.00	119.4	3.8	0.0	0.0	350	10-Jun
PX4B 83	162	28.93	38.2	20.0	0.0	0.00	297.7	3.2	0.0	0.0	350	11-Jun
PX4B 83	163	30.09	35.2	20.7	0.0	0.00	189.2	3.8	0.0	0.0	350	12-Jun
PX4B 83	164	29.84	37.2	17.9	0.0	0.00	127.1	3.4	0.0	0.0	350	13-Jun
PX4B 83	165	30.49	38.7	17.1	0.0	0.00	173.6	4.1	0.0	0.0	350	14-Jun
PX4B 83	166	29.43	39.2	17.1	0.0	0.00	212.4	3.6	0.0	0.0	350	15-Jun
PX4B 83	167	28.92	39.2	21.4	0.0	0.00	173.6	4.1	0.0	0.0	350	16-Jun
PX4B 83	168	29.56	40.8	21.4	0.0	0.00	185.3	3.8	0.0	0.0	350	17-Jun
PX4B 83	169	30.67	40.2	20.7	0.0	0.00	150.4	4.6	0.0	0.0	350	18-Jun
PX4B 83	170	31.22	40.2	20.7	0.0	0.00	239.6	4.5	0.0	0.0	350	19-Jun
PX4B 83	171	30.64	39.7	21.4	0.0	0.00	286.1	5.0	0.0	0.0	350	20-Jun
PX4B 83	172	26.28	39.7	21.4	0.0	0.00	212.4	4.5	0.0	0.0	350	21-Jun
PX4B 83	173	23.64	39.8	20.0	0.0	0.00	127.1	3.8	0.0	0.0	350	22-Jun
PX4B 83	174	20.14	38.7	23.5	0.0	0.00	155.5	3.8	0.0	0.0	350	23-Jun
PX4B 83	175	29.91	40.4	23.0	0.0	0.00	388.8	5.1	0.0	0.0	350	24-Jun
PX4B 83	176	31.17	38.7	19.0	0.0	0.00	224.6	0.6	0.0	0.0	350	25-Jun
PX4B 83	177	30.92	39.4	19.8	0.0	0.00	259.2	1.3	0.0	0.0	350	26-Jun
PX4B 83	178	30.17	37.8	18.2	0.0	0.00	207.4	3.6	0.0	0.0	350	27-Jun
PX4B 83	179	28.51	38.4	19.2	0.0	0.00	146.9	3.8	0.0	0.0	350	28-Jun
PX4B 83	180	30.14	40.5	18.5	0.0	0.00	164.2	3.8	0.0	0.0	350	29-Jun
PX4B 83	181	29.39	40.9	17.2	0.0	0.00	207.4	3.8	0.0	0.0	350	30-Jun
PX4B 83	182	30.30	40.8	22.4	0.0	0.00	267.8	4.5	0.0	0.0	350	01-Jul
PX4B 83	183	29.81	40.9	19.9	0.0	0.00	172.8	3.6	0.0	0.0	350	02-Jul
PX4B 83	184	30.01	39.6	18.9	0.0	0.00	125.3	3.6	0.0	0.0	350	03-Jul
PX4B 83	185	30.21	42.6	22.2	0.0	0.00	133.9	7.0	0.0	0.0	350	04-Jul
PX4B 83	186	29.68	45.6	22.5	0.0	0.00	198.7	5.1	0.0	0.0	350	05-Jul
PX4B 83	187	28.64	44.0	31.5	0.0	0.00	259.2	10.0	0.0	0.0	350	06-Jul
PX4B 83	188	23.90	42.1	26.5	1.0	0.00	302.4	14.4	0.0	0.0	350	07-Jul
PX4B 83	189	20.58	40.3	25.7	0.0	0.00	95.0	18.2	0.0	0.0	350	08-Jul
PX4B 83	190	19.74	35.7	26.5	0.0	0.00	155.5	18.7	0.0	0.0	350	09-Jul
PX4B 83	191	27.89	40.4	25.6	0.0	0.00	241.9	16.5	0.0	0.0	350	10-Jul
PX4B 83	192	28.64	41.0	25.0	0.0	0.00	164.1	15.1	0.0	0.0	350	11-Jul
PX4B 83	193	27.75	42.1	27.5	0.0	0.00	203.0	13.6	0.0	0.0	350	12-Jul
PX4B 83	194	28.73	42.3	26.4	0.0	0.00	241.9	12.7	0.0	0.0	350	13-Jul
PX4B 83	195	28.06	42.0	28.0	0.0	0.00	337.0	12.8	0.0	0.0	350	14-Jul
PX4B 83	196	28.07	41.4	27.2	0.0	0.00	337.0	13.5	0.0	0.0	350	15-Jul
PX4B 83	197	29.80	41.5	24.6	0.0	0.00	354.2	9.9	0.0	0.0	350	16-Jul



INSTW	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00
	JUL		XTMAX		XRAIN		WIND		STMAX	CO2		
PX4B 83	198	28.33	41.1	20.8	0.0	0.00	233.3	8.8	0.0	0.0	350	17-Jul
PX4B 83	199	28.47	42.7	23.2	0.0	0.00	190.1	6.1	0.0	0.0	350	18-Jul
PX4B 83	200	26.10	42.4	27.1	0.0	0.00	181.4	7.5	0.0	0.0	350	19-Jul
PX4B 83	201	21.09	38.0	30.5	0.0	0.00	259.2	20.1	0.0	0.0	350	20-Jul
PX4B 83	202	10.59	32.3	26.1	0.0	0.00	259.2	19.3	0.0	0.0	350	21-Jul
PX4B 83	203	16.80	34.2	26.6	0.0	0.00	337.0	19.7	0.0	0.0	350	22-Jul
PX4B 83	204	27.29	39.9	26.5	0.0	0.00	250.6	20.0	0.0	0.0	350	23-Jul
PX4B 83	205	25.30	40.5	27.9	0.0	0.00	267.8	19.1	0.0	0.0	350	24-Jul
PX4B 83	206	25.69	41.3	28.3	0.0	0.00	267.8	18.0	0.0	0.0	350	25-Jul
PX4B 83	207	13.05	41.8	27.0	0.0	0.00	259.2	15.7	0.0	0.0	350	26-Jul
PX4B 83	208	27.92	37.5	27.5	0.0	0.00	423.4	16.7	0.0	0.0	350	27-Jul
PX4B 83	209	26.41	36.2	25.2	0.0	0.00	224.6	18.7	0.0	0.0	350	28-Jul
PX4B 83	210	24.81	37.2	26.5	0.0	0.00	362.9	18.8	0.0	0.0	350	29-Jul
PX4B 83	211	26.28	38.1	26.5	1.0	0.00	250.6	19.7	0.0	0.0	350	30-Jul
PX4B 83	212	27.08	38.6	26.6	0.0	0.00	259.2	19.6	0.0	0.0	350	31-Jul
PX4B 83	213	23.51	38.4	27.2	0.0	0.00	311.0	19.4	0.0	0.0	350	01-Aug
PX4B 83	214	26.90	38.1	27.7	0.0	0.00	181.4	19.3	0.0	0.0	350	02-Aug
PX4B 83	215	26.71	39.6	28.8	0.0	0.00	337.0	19.5	0.0	0.0	350	03-Aug
PX4B 83	216	22.57	36.4	26.5	0.0	0.00	362.9	19.9	0.0	0.0	350	04-Aug
PX4B 83	217	24.16	40.2	26.0	0.0	0.00	198.7	17.4	0.0	0.0	350	05-Aug
PX4B 83	218	26.46	39.2	26.6	0.0	0.00	224.6	19.4	0.0	0.0	350	06-Aug
PX4B 83	219	23.62	38.2	25.3	17.0	0.00	311.0	20.4	0.0	0.0	350	07-Aug
PX4B 83	220	17.62	35.4	25.3	1.0	0.00	285.1	22.4	0.0	0.0	350	08-Aug
PX4B 83	221	20.01	33.2	22.7	12.0	0.00	233.3	21.7	0.0	0.0	350	09-Aug
PX4B 83	222	23.54	32.4	22.8	0.0	0.00	198.7	22.7	0.0	0.0	350	10-Aug
PX4B 83	223	24.90	33.8	24.5	0.0	0.00	276.5	22.0	0.0	0.0	350	11-Aug
PX4B 83	224	26.61	35.8	23.0	0.0	0.00	121.0	19.5	0.0	0.0	350	12-Aug
PX4B 83	225	26.76	37.6	23.3	0.0	0.00	230.6	19.9	0.0	0.0	350	13-Aug
PX4B 83	226	25.98	35.9	25.0	2.0	0.00	311.0	21.9	0.0	0.0	350	14-Aug
PX4B 83	227	25.69	35.4	24.4	1.0	0.00	250.6	22.1	0.0	0.0	350	15-Aug
PX4B 83	228	22.54	34.4	23.3	0.0	0.00	233.3	23.2	0.0	0.0	350	16-Aug
PX4B 83	229	8.45	26.0	22.7	36.0	0.00	267.8	22.0	0.0	0.0	350	17-Aug
PX4B 83	230	20.46	31.9	22.0	3.0	0.00	198.7	21.1	0.0	0.0	350	18-Aug
PX4B 83	231	24.50	31.6	22.8	1.0	0.00	172.8	20.8	0.0	0.0	350	19-Aug
PX4B 83	232	25.45	32.0	21.3	0.0	0.00	198.7	19.5	0.0	0.0	350	20-Aug
PX4B 83	233	26.12	31.3	21.8	0.0	0.00	172.8	18.0	0.0	0.0	350	21-Aug
PX4B 83	234	26.04	31.9	19.3	0.0	0.00	146.8	15.9	0.0	0.0	350	22-Aug
PX4B 83	235	25.24	33.5	18.9	0.0	0.00	155.5	16.6	0.0	0.0	350	23-Aug
PX4B 83	236	24.89	32.5	20.7	0.0	0.00	172.8	17.9	0.0	0.0	350	24-Aug
PX4B 83	237	25.19	32.3	19.9	0.0	0.00	103.7	22.1	0.0	0.0	350	25-Aug
PX4B 83	238	24.62	34.4	21.0	0.0	0.00	146.9	18.5	0.0	0.0	350	26-Aug
PX4B 83	239	24.50	33.7	23.3	0.0	0.00	198.2	19.2	0.0	0.0	350	27-Aug
PX4B 83	240	14.03	32.6	25.0	0.0	0.00	164.2	19.9	0.0	0.0	350	28-Aug
PX4B 83	241	22.66	33.8	26.5	0.0	0.00	181.4	19.8	0.0	0.0	350	29-Aug
PX4B 83	242	23.32	35.5	23.8	0.0	0.00	129.6	20.6	0.0	0.0	350	30-Aug
PX4B 83	243	23.07	36.9	23.8	0.0	0.00	190.1	20.2	0.0	0.0	350	31-Aug
PX4B 83	244	23.01	36.6	27.0	0.0	0.00	207.4	20.8	0.0	0.0	350	01-Sep
PX4B 83	245	22.79	36.7	24.5	0.0	0.00	129.6	20.0	0.0	0.0	350	02-Sep
PX4B 83	246	23.00	37.1	26.2	0.0	0.00	129.6	19.5	0.0	0.0	350	03-Sep
PX4B 83	247	23.68	37.4	23.1	0.0	0.00	207.4	16.0	0.0	0.0	350	04-Sep
PX4B 83	248	23.71	34.8	24.1	0.0	0.00	146.9	20.4	0.0	0.0	350	05-Sep
PX4B 83	249	23.96	35.5	27.1	0.0	0.00	259.2	25.4	0.0	0.0	350	06-Sep

INSTW	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
	JUL		XTMAX		XRAIN		WIND		STMAX	CO2			
PX4B	83	250	22.53	37.1	24.1	0.0	0.00	146.9	21.0	0.0	0.0	350	07-Sep
PX4B	83	251	22.00	38.9	21.5	0.0	0.00	121.0	20.8	0.0	0.0	350	08-Sep
PX4B	83	252	21.89	35.9	21.7	0.0	0.00	112.3	20.8	0.0	0.0	350	09-Sep
PX4B	83	253	22.18	35.5	25.2	0.0	0.00	241.9	20.3	0.0	0.0	350	10-Sep
PX4B	83	254	22.17	35.1	24.8	0.0	0.00	250.6	20.4	0.0	0.0	350	11-Sep
PX4B	83	255	21.75	34.6	25.8	0.0	0.00	224.6	20.2	0.0	0.0	350	12-Sep
PX4B	83	256	21.38	35.3	22.1	0.0	0.00	172.8	18.6	0.0	0.0	350	13-Sep
PX4B	83	257	21.25	35.6	23.1	0.0	0.00	216.0	18.6	0.0	0.0	350	14-Sep
PX4B	83	258	20.71	35.9	24.4	0.0	0.00	276.5	19.4	0.0	0.0	350	15-Sep
PX4B	83	259	19.68	35.0	23.2	0.0	0.00	233.3	18.9	0.0	0.0	350	16-Sep
PX4B	83	260	20.60	35.2	22.2	0.0	0.00	164.2	19.1	0.0	0.0	350	17-Sep
PX4B	83	261	19.92	35.4	22.9	0.0	0.00	172.8	19.9	0.0	0.0	350	18-Sep
PX4B	83	262	15.73	34.0	23.3	0.0	0.00	190.1	20.8	0.0	0.0	350	19-Sep
PX4B	83	263	14.79	33.0	23.2	6.0	0.00	138.2	21.3	0.0	0.0	350	20-Sep
PX4B	83	264	21.05	34.8	19.4	0.0	0.00	129.6	17.7	0.0	0.0	350	21-Sep
PX4B	83	265	20.41	35.5	20.0	0.0	0.00	319.7	20.6	0.0	0.0	350	22-Sep
PX4B	83	266	13.83	34.0	20.3	1.0	0.00	267.8	20.4	0.0	0.0	350	23-Sep
PX4B	83	267	19.40	32.5	20.8	1.0	0.00	233.3	20.6	0.0	0.0	350	24-Sep
PX4B	83	268	18.64	34.7	19.7	0.0	0.00	121.0	19.8	0.0	0.0	350	25-Sep
PX4B	83	269	16.38	35.9	19.2	0.0	0.00	181.4	16.7	0.0	0.0	350	26-Sep
PX4B	83	270	20.59	34.5	17.3	0.0	0.00	103.7	16.5	0.0	0.0	350	27-Sep
PX4B	83	271	17.15	35.5	20.5	7.0	0.00	535.7	19.9	0.0	0.0	350	28-Sep
PX4B	83	272	3.17	21.3	17.4	0.0	0.00	432.0	17.4	0.0	0.0	350	29-Sep
PX4B	83	273	13.42	27.8	19.4	37.0	0.00	302.4	18.9	0.0	0.0	350	30-Sep
PX4B	83	274	7.41	20.9	17.1	2.0	0.00	388.8	17.6	0.0	0.0	350	01-Oct
PX4B	83	275	19.15	27.5	16.6	0.0	0.00	121.0	17.5	0.0	0.0	350	02-Oct
PX4B	83	276	19.11	29.2	17.3	0.0	0.00	198.7	18.0	0.0	0.0	350	03-Oct
PX4B	83	277	18.65	30.8	17.0	0.0	0.00	198.7	17.9	0.0	0.0	350	04-Oct
PX4B	83	278	16.50	31.2	18.2	0.0	0.00	198.7	18.3	0.0	0.0	350	05-Oct
PX4B	83	279	18.61	31.0	17.4	0.0	0.00	129.6	17.7	0.0	0.0	350	06-Oct
PX4B	83	280	18.51	32.0	18.2	0.0	0.00	181.4	17.1	0.0	0.0	350	07-Oct
PX4B	83	281	15.63	30.9	19.9	0.0	0.00	198.7	17.6	0.0	0.0	350	08-Oct
PX4B	83	282	18.97	32.3	17.3	0.0	0.00	121.0	17.2	0.0	0.0	350	09-Oct
PX4B	83	283	18.23	32.3	16.9	0.0	0.00	146.9	16.4	0.0	0.0	350	10-Oct
PX4B	83	284	18.68	32.8	15.6	0.0	0.00	121.0	13.2	0.0	0.0	350	11-Oct
PX4B	83	285	19.29	32.0	12.2	0.0	0.00	129.6	8.9	0.0	0.0	350	12-Oct
PX4B	83	286	18.14	31.8	13.3	0.0	0.00	267.8	10.5	0.0	0.0	350	13-Oct
PX4B	83	287	18.01	30.2	16.0	0.0	0.00	233.3	11.2	0.0	0.0	350	14-Oct
PX4B	83	288	17.78	29.1	13.3	0.0	0.00	216.0	11.4	0.0	0.0	350	15-Oct
PX4B	83	289	17.69	30.6	14.6	0.0	0.00	121.0	12.2	0.0	0.0	350	16-Oct
PX4B	83	290	10.61	27.9	16.4	0.0	0.00	497.7	13.9	0.0	0.0	350	17-Oct
PX4B	83	291	16.67	29.0	16.5	0.0	0.00	170.2	14.0	0.0	0.0	350	18-Oct
PX4B	83	292	11.74	28.5	19.7	0.0	0.00	188.4	13.9	0.0	0.0	350	19-Oct
PX4B	83	293	17.00	28.5	19.7	0.0	0.00	166.8	13.0	0.0	0.0	350	20-Oct
PX4B	83	294	17.12	33.0	16.0	0.0	0.00	149.5	13.2	0.0	0.0	350	21-Oct
PX4B	83	295	16.97	31.5	15.8	0.0	0.00	115.8	13.0	0.0	0.0	350	22-Oct
PX4B	83	296	16.82	30.8	16.0	0.0	0.00	182.3	13.7	0.0	0.0	350	23-Oct
PX4B	83	297	12.05	27.5	16.6	0.0	0.00	233.3	13.9	0.0	0.0	350	24-Oct
PX4B	83	298	16.12	29.0	16.8	0.0	0.00	407.8	13.2	0.0	0.0	350	25-Oct
PX4B	83	299	15.50	29.0	16.8	0.0	0.00	407.8	13.3	0.0	0.0	350	26-Oct

FILENAME: PX3C0605.W83

WEATHER DATA FOR CO2=AMBIENT, REP=#2

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC     +     CO2YR WINDYR  
 PX3C 33.40 112.00 2.30 0 1 1 0 1 335 0.0

	IYR	SOLRAD	XTMIN	XPAR	DEWPT	STMIN	A00					
<u>INSTW</u>	<u>JUL</u>	<u>XTMAX</u>	<u>XRAIN</u>	<u>WIND</u>	<u>STMAX</u>	<u>CO2</u>						
PX3C 83	152	26.27	36.1	23.3	0.0	0.00	290.0	2.3	0.0	0.0	350	01-Jun
PX3C 83	153	30.20	33.3	20.6	0.0	0.00	227.9	3.0	0.0	0.0	350	02-Jun
PX3C 83	154	30.72	35.6	18.9	0.0	0.00	185.3	2.5	0.0	0.0	350	03-Jun
PX3C 83	155	30.71	35.6	21.1	0.0	0.00	189.2	3.0	0.0	0.0	350	04-Jun
PX3C 83	156	29.86	37.2	20.6	0.0	0.00	123.2	2.7	0.0	0.0	350	05-Jun
PX3C 83	157	29.50	38.9	22.2	0.0	0.00	158.1	3.4	0.0	0.0	350	06-Jun
PX3C 83	158	28.38	40.0	22.8	0.0	0.00	224.0	2.9	0.0	0.0	350	07-Jun
PX3C 83	159	30.20	39.4	24.4	0.0	0.00	301.6	3.4	0.0	0.0	350	08-Jun
PX3C 83	160	29.67	37.2	23.9	0.0	0.00	216.3	3.0	0.0	0.0	350	09-Jun
PX3C 83	161	29.08	37.5	20.1	0.0	0.00	119.4	3.8	0.0	0.0	350	10-Jun
PX3C 83	162	28.93	38.1	20.7	0.0	0.00	297.7	3.2	0.0	0.0	350	11-Jun
PX3C 83	163	30.09	34.5	21.3	0.0	0.00	189.2	3.8	0.0	0.0	350	12-Jun
PX3C 83	164	29.84	36.9	19.0	0.0	0.00	127.1	3.4	0.0	0.0	350	13-Jun
PX3C 83	165	30.49	38.7	18.4	0.0	0.00	173.6	4.1	0.0	0.0	350	14-Jun
PX3C 83	166	29.43	39.3	18.4	0.0	0.00	212.4	3.6	0.0	0.0	350	15-Jun
PX3C 83	167	28.92	39.3	21.8	0.0	0.00	173.6	4.1	0.0	0.0	350	16-Jun
PX3C 83	168	29.56	41.1	21.8	0.0	0.00	185.3	3.8	0.0	0.0	350	17-Jun
PX3C 83	169	30.67	40.5	21.3	0.0	0.00	150.4	4.6	0.0	0.0	350	18-Jun
PX3C 83	170	31.22	40.5	21.3	0.0	0.00	239.6	4.5	0.0	0.0	350	19-Jun
PX3C 83	171	30.64	39.9	21.8	0.0	0.00	286.1	5.0	0.0	0.0	350	20-Jun
PX3C 83	172	26.28	39.9	21.8	0.0	0.00	212.4	4.5	0.0	0.0	350	21-Jun
PX3C 83	173	23.64	39.8	20.0	0.0	0.00	127.1	3.8	0.0	0.0	350	22-Jun
PX3C 83	174	20.14	38.5	23.5	0.0	0.00	155.5	3.8	0.0	0.0	350	23-Jun
PX3C 83	175	29.91	40.4	23.1	0.0	0.00	388.8	4.8	0.0	0.0	350	24-Jun
PX3C 83	176	31.17	38.6	19.2	0.0	0.00	224.6	1.1	0.0	0.0	350	25-Jun
PX3C 83	177	30.92	39.5	20.0	0.0	0.00	259.2	0.6	0.0	0.0	350	26-Jun
PX3C 83	178	30.17	37.3	18.3	0.0	0.00	207.4	2.9	0.0	0.0	350	27-Jun
PX3C 83	179	28.51	37.9	19.2	0.0	0.00	146.9	3.8	0.0	0.0	350	28-Jun
PX3C 83	180	30.14	38.4	18.5	0.0	0.00	164.2	3.8	0.0	0.0	350	29-Jun
PX3C 83	181	29.39	40.6	19.8	0.0	0.00	207.4	2.5	0.0	0.0	350	30-Jun
PX3C 83	182	30.30	40.7	22.7	0.0	0.00	267.8	4.8	0.0	0.0	350	01-Jul
PX3C 83	183	29.81	40.0	20.0	0.0	0.00	172.8	3.8	0.0	0.0	350	02-Jul
PX3C 83	184	30.01	38.9	19.0	0.0	0.00	125.3	3.9	0.0	0.0	350	03-Jul
PX3C 83	185	30.21	42.2	22.3	0.0	0.00	133.9	7.3	0.0	0.0	350	04-Jul
PX3C 83	186	29.68	46.2	22.9	0.0	0.00	198.7	12.5	0.0	0.0	350	05-Jul
PX3C 83	187	28.64	42.6	22.2	0.0	0.00	259.2	10.0	0.0	0.0	350	06-Jul
PX3C 83	188	23.90	45.6	22.5	1.0	0.00	302.4	14.4	0.0	0.0	350	07-Jul
PX3C 83	189	20.58	36.7	25.6	0.0	0.00	95.0	18.9	0.0	0.0	350	08-Jul
PX3C 83	190	19.74	35.5	26.6	0.0	0.00	155.5	18.7	0.0	0.0	350	09-Jul
PX3C 83	191	27.89	40.7	25.6	0.0	0.00	241.9	16.9	0.0	0.0	350	10-Jul
PX3C 83	192	28.64	41.4	23.5	0.0	0.00	164.1	15.8	0.0	0.0	350	11-Jul
PX3C 83	193	27.75	42.2	26.1	0.0	0.00	203.0	14.1	0.0	0.0	350	12-Jul
PX3C 83	194	28.73	42.7	26.4	0.0	0.00	241.9	12.3	0.0	0.0	350	13-Jul
PX3C 83	195	28.06	42.5	28.0	0.0	0.00	337.0	12.7	0.0	0.0	350	14-Jul
PX3C 83	196	28.07	41.9	27.3	0.0	0.00	337.0	13.4	0.0	0.0	350	15-Jul
PX3C 83	197	29.80	42.3	24.7	0.0	0.00	354.2	8.9	0.0	0.0	350	16-Jul

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX3C	83	198	28.33	41.3	21.9	0.0	0.00	233.3	3.8	0.0	0.0	350	17-Jul
PX3C	83	199	28.47	42.8	23.3	0.0	0.00	190.1	4.6	0.0	0.0	350	18-Jul
PX3C	83	200	26.10	42.7	27.2	0.0	0.00	181.4	7.0	0.0	0.0	350	19-Jul
PX3C	83	201	21.09	39.2	27.2	0.0	0.00	259.2	15.0	0.0	0.0	350	20-Jul
PX3C	83	202	10.59	32.0	26.0	0.0	0.00	259.2	19.2	0.0	0.0	350	21-Jul
PX3C	83	203	16.80	33.8	26.6	0.0	0.00	337.0	19.6	0.0	0.0	350	22-Jul
PX3C	83	204	27.29	40.6	26.5	0.0	0.00	250.6	20.2	0.0	0.0	350	23-Jul
PX3C	83	205	25.30	40.9	27.9	0.0	0.00	267.8	19.1	0.0	0.0	350	24-Jul
PX3C	83	206	25.69	42.1	28.3	0.0	0.00	267.8	17.2	0.0	0.0	350	25-Jul
PX3C	83	207	13.05	43.6	27.0	0.0	0.00	259.2	14.6	0.0	0.0	350	26-Jul
PX3C	83	208	27.92	41.7	27.6	0.0	0.00	423.4	16.5	0.0	0.0	350	27-Jul
PX3C	83	209	26.41	36.6	25.1	0.0	0.00	224.6	18.0	0.0	0.0	350	28-Jul
PX3C	83	210	24.81	37.0	26.1	0.0	0.00	362.9	18.8	0.0	0.0	350	29-Jul
PX3C	83	211	26.28	39.0	26.6	1.0	0.00	250.6	18.7	0.0	0.0	350	30-Jul
PX3C	83	212	27.08	39.8	26.1	0.0	0.00	259.2	18.4	0.0	0.0	350	31-Jul
PX3C	83	213	23.51	39.4	27.1	0.0	0.00	311.0	18.7	0.0	0.0	350	01-Aug
PX3C	83	214	26.90	39.3	27.1	0.0	0.00	181.4	18.8	0.0	0.0	350	02-Aug
PX3C	83	215	26.71	41.1	29.0	0.0	0.00	337.0	19.0	0.0	0.0	350	03-Aug
PX3C	83	216	22.57	38.0	26.7	0.0	0.00	362.9	19.5	0.0	0.0	350	04-Aug
PX3C	83	217	24.16	41.8	26.2	0.0	0.00	198.7	18.9	0.0	0.0	350	05-Aug
PX3C	83	218	26.46	41.3	26.7	0.0	0.00	224.6	18.3	0.0	0.0	350	06-Aug
PX3C	83	219	23.62	39.5	23.8	17.0	0.00	311.0	19.4	0.0	0.0	350	07-Aug
PX3C	83	220	17.62	36.3	23.8	1.0	0.00	285.1	21.6	0.0	0.0	350	08-Aug
PX3C	83	221	20.01	33.9	22.4	12.0	0.00	233.3	21.2	0.0	0.0	350	09-Aug
PX3C	83	222	23.54	33.0	22.1	0.0	0.00	198.7	22.4	0.0	0.0	350	10-Aug
PX3C	83	223	24.90	33.8	24.1	0.0	0.00	276.5	22.0	0.0	0.0	350	11-Aug
PX3C	83	224	26.61	36.0	23.1	0.0	0.00	121.0	19.4	0.0	0.0	350	12-Aug
PX3C	83	225	26.70	38.4	23.4	0.0	0.00	230.6	19.6	0.0	0.0	350	13-Aug
PX3C	83	226	25.98	36.9	25.1	2.0	0.00	311.0	21.5	0.0	0.0	350	14-Aug
PX3C	83	227	25.69	36.1	24.6	1.0	0.00	250.6	22.4	0.0	0.0	350	15-Aug
PX3C	83	228	22.54	35.3	20.5	0.0	0.00	233.3	22.4	0.0	0.0	350	16-Aug
PX3C	83	229	8.45	25.9	21.1	36.0	0.00	267.8	21.5	0.0	0.0	350	17-Aug
PX3C	83	230	20.46	30.8	21.8	3.0	0.00	198.7	21.0	0.0	0.0	350	18-Aug
PX3C	83	231	24.50	31.6	22.8	1.0	0.00	172.8	20.6	0.0	0.0	350	19-Aug
PX3C	83	232	25.45	32.6	21.6	0.0	0.00	198.7	19.2	0.0	0.0	350	20-Aug
PX3C	83	233	26.12	32.3	22.1	0.0	0.00	172.8	17.8	0.0	0.0	350	21-Aug
PX3C	83	234	26.04	32.9	19.8	0.0	0.00	146.8	15.7	0.0	0.0	350	22-Aug
PX3C	83	235	25.24	34.8	19.4	0.0	0.00	155.5	16.4	0.0	0.0	350	23-Aug
PX3C	83	236	24.89	33.2	21.1	0.0	0.00	172.8	18.1	0.0	0.0	350	24-Aug
PX3C	83	237	25.19	32.7	20.0	0.0	0.00	103.7	17.3	0.0	0.0	350	25-Aug
PX3C	83	238	24.62	34.9	21.3	0.0	0.00	146.9	18.3	0.0	0.0	350	26-Aug
PX3C	83	239	24.50	35.2	23.8	0.0	0.00	198.2	18.9	0.0	0.0	350	27-Aug
PX3C	83	240	14.03	34.6	25.5	0.0	0.00	164.2	19.8	0.0	0.0	350	28-Aug
PX3C	83	241	22.66	34.8	26.9	0.0	0.00	181.4	19.3	0.0	0.0	350	29-Aug
PX3C	83	242	23.32	36.4	24.2	0.0	0.00	129.6	19.8	0.0	0.0	350	30-Aug
PX3C	83	243	23.07	36.9	23.8	0.0	0.00	190.1	19.7	0.0	0.0	350	31-Aug
PX3C	83	244	23.01	37.0	27.0	0.0	0.00	207.4	20.3	0.0	0.0	350	01-Sep
PX3C	83	245	22.79	37.8	24.7	0.0	0.00	129.6	19.3	0.0	0.0	350	02-Sep
PX3C	83	246	23.00	38.2	26.7	0.0	0.00	129.6	18.9	0.0	0.0	350	03-Sep
PX3C	83	247	23.68	38.8	23.5	0.0	0.00	207.4	15.2	0.0	0.0	350	04-Sep
PX3C	83	248	23.71	35.5	24.6	0.0	0.00	146.9	19.9	0.0	0.0	350	05-Sep
PX3C	83	249	23.96	36.8	27.3	0.0	0.00	259.2	20.8	0.0	0.0	350	06-Sep

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00
INSTW	JUL	XTMAX		XRAIN	WIND	STMAX	CO2					
PX3C 83	250	22.53	34.9	24.4	0.0	0.00	146.9	20.3	0.0	0.0	350	07-Sep
PX3C 83	251	22.00	37.4	22.4	0.0	0.00	121.0	19.6	0.0	0.0	350	08-Sep
PX3C 83	252	21.89	34.8	22.9	0.0	0.00	112.3	20.3	0.0	0.0	350	09-Sep
PX3C 83	253	22.18	35.6	25.0	0.0	0.00	241.9	19.9	0.0	0.0	350	10-Sep
PX3C 83	254	22.17	34.9	24.8	0.0	0.00	250.6	20.2	0.0	0.0	350	11-Sep
PX3C 83	255	21.75	34.8	25.9	0.0	0.00	224.6	20.1	0.0	0.0	350	12-Sep
PX3C 83	256	21.38	34.8	22.3	0.0	0.00	172.8	19.0	0.0	0.0	350	13-Sep
PX3C 83	257	21.25	35.0	23.2	0.0	0.00	216.0	19.1	0.0	0.0	350	14-Sep
PX3C 83	258	20.71	35.4	24.4	0.0	0.00	276.5	19.5	0.0	0.0	350	15-Sep
PX3C 83	259	19.68	34.3	23.4	0.0	0.00	233.3	19.2	0.0	0.0	350	16-Sep
PX3C 83	260	20.60	34.5	22.3	0.0	0.00	164.2	19.1	0.0	0.0	350	17-Sep
PX3C 83	261	19.92	34.7	23.3	0.0	0.00	172.8	20.0	0.0	0.0	350	18-Sep
PX3C 83	262	15.73	33.4	23.5	0.0	0.00	190.1	20.7	0.0	0.0	350	19-Sep
PX3C 83	263	14.79	32.2	23.3	6.0	0.00	138.2	21.3	0.0	0.0	350	20-Sep
PX3C 83	264	21.05	34.5	19.7	0.0	0.00	129.6	17.6	0.0	0.0	350	21-Sep
PX3C 83	265	20.41	33.9	20.0	0.0	0.00	319.7	19.5	0.0	0.0	350	22-Sep
PX3C 83	266	13.83	33.5	20.4	1.0	0.00	267.8	19.5	0.0	0.0	350	23-Sep
PX3C 83	267	19.4	32.5	20.7	1.0	0.00	233.3	19.5	0.0	0.0	350	24-Sep
PX3C 83	268	18.64	34.0	19.9	0.0	0.00	121.0	17.6	0.0	0.0	350	25-Sep
PX3C 83	269	16.38	34.7	19.2	0.0	0.00	181.4	16.1	0.0	0.0	350	26-Sep
PX3C 83	270	20.59	33.6	17.4	0.0	0.00	103.7	16.1	0.0	0.0	350	27-Sep
PX3C 83	271	17.15	34.5	18.8	7.0	0.00	535.7	17.7	0.0	0.0	350	28-Sep
PX3C 83	272	3.17	21.1	17.5	0.0	0.00	432.0	17.1	0.0	0.0	350	29-Sep
PX3C 83	273	13.42	27.2	18.9	37.0	0.00	302.4	18.9	0.0	0.0	350	30-Sep
PX3C 83	274	7.41	20.7	17.0	2.0	0.00	388.8	17.5	0.0	0.0	350	01-Oct
PX3C 83	275	19.15	27.1	16.5	0.0	0.00	121.0	17.4	0.0	0.0	350	02-Oct
PX3C 83	276	19.11	29.1	17.3	0.0	0.00	198.7	18.2	0.0	0.0	350	03-Oct
PX3C 83	277	18.65	30.6	16.8	0.0	0.00	198.7	18.0	0.0	0.0	350	04-Oct
PX3C 83	278	16.50	31.9	18.1	0.0	0.00	198.7	18.3	0.0	0.0	350	05-Oct
PX3C 83	279	18.61	31.2	17.1	0.0	0.00	129.6	17.7	0.0	0.0	350	06-Oct
PX3C 83	280	18.51	32.0	17.4	0.0	0.00	181.4	17.3	0.0	0.0	350	07-Oct
PX3C 83	281	15.63	30.7	19.9	0.0	0.00	198.7	17.5	0.0	0.0	350	08-Oct
PX3C 83	282	18.97	32.2	17.2	0.0	0.00	121.0	17.1	0.0	0.0	350	09-Oct
PX3C 83	283	18.23	32.3	16.8	0.0	0.00	146.9	16.4	0.0	0.0	350	10-Oct
PX3C 83	284	18.68	32.5	15.7	0.0	0.00	121.0	13.0	0.0	0.0	350	11-Oct
PX3C 83	285	19.29	31.7	12.3	0.0	0.00	129.6	8.6	0.0	0.0	350	12-Oct
PX3C 83	286	18.14	31.6	13.2	0.0	0.00	267.8	10.9	0.0	0.0	350	13-Oct
PX3C 83	287	18.01	30.1	15.9	0.0	0.00	233.3	11.2	0.0	0.0	350	14-Oct
PX3C 83	288	17.78	29.2	13.3	0.0	0.00	216.0	11.4	0.0	0.0	350	15-Oct
PX3C 83	289	17.69	30.5	14.5	0.0	0.00	121.0	12.2	0.0	0.0	350	16-Oct
PX3C 83	290	10.61	28.6	16.2	0.0	0.00	497.7	13.7	0.0	0.0	350	17-Oct
PX3C 83	291	16.67	29.0	16.5	0.0	0.00	170.2	14.0	0.0	0.0	350	18-Oct
PX3C 83	292	11.74	28.5	19.7	0.0	0.00	188.4	13.9	0.0	0.0	350	19-Oct
PX3C 83	293	17.00	28.5	16.9	0.0	0.00	166.8	13.0	0.0	0.0	350	20-Oct
PX3C 83	294	17.12	30.0	16.6	0.0	0.00	149.5	13.2	0.0	0.0	350	21-Oct
PX3C 83	295	16.97	31.5	15.8	0.0	0.00	115.8	13.0	0.0	0.0	350	22-Oct
PX3C 83	296	16.82	30.8	16.0	0.0	0.00	182.3	13.7	0.0	0.0	350	23-Oct
PX3C 83	297	12.05	27.5	16.6	0.0	0.00	233.3	13.9	0.0	0.0	350	24-Oct
PX3C 83	298	16.12	29.0	16.8	0.0	0.00	407.8	13.2	0.0	0.0	350	25-Oct
PX3C 83	299	15.50	29.0	16.8	0.0	0.00	407.8	13.1	0.0	0.0	350	26-Oct

FILENAME: PX3B0605.W83

WEATHER DATA FOR CO2=500, REP=#1

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC    ↓    CO2YR WINDYR  
 PX3B 33.40 112.00 2.30 0 1 1 0 1 500 0.0

	IYR	SOLRAD	XTMIN	XPAR	DEWPT	STMIN	A00					
<u>INSTW</u>	<u>JUL</u>	<u>XTMAX</u>	<u>XRAIN</u>	<u>WIND</u>	<u>STMAX</u>	<u>CO2</u>						
PX3B 83	152	26.27	36.1	23.3	0.0	0.00	290.0	2.3	0.0	0.0	350	01-Jun
PX3B 83	153	30.20	33.3	20.6	0.0	0.00	227.9	3.0	0.0	0.0	350	02-Jun
PX3B 83	154	30.72	35.6	18.9	0.0	0.00	185.3	2.5	0.0	0.0	350	03-Jun
PX3B 83	155	30.71	35.6	21.1	0.0	0.00	189.2	3.0	0.0	0.0	350	04-Jun
PX3B 83	156	29.86	37.2	20.6	0.0	0.00	123.2	2.7	0.0	0.0	350	05-Jun
PX3B 83	157	29.50	38.9	22.2	0.0	0.00	158.1	3.4	0.0	0.0	350	06-Jun
PX3B 83	158	28.38	40.0	22.8	0.0	0.00	224.0	2.9	0.0	0.0	350	07-Jun
PX3B 83	159	30.20	39.4	24.4	0.0	0.00	301.6	3.4	0.0	0.0	350	08-Jun
PX3B 83	160	29.67	37.2	23.9	0.0	0.00	216.3	3.0	0.0	0.0	350	09-Jun
PX3B 83	161	29.08	37.5	20.5	0.0	0.00	119.4	3.8	0.0	0.0	350	10-Jun
PX3B 83	162	28.93	38.0	21.1	0.0	0.00	297.7	3.2	0.0	0.0	500	11-Jun
PX3B 83	163	30.09	35.2	21.6	0.0	0.00	189.2	3.8	0.0	0.0	500	12-Jun
PX3B 83	164	29.84	37.1	19.5	0.0	0.00	127.1	3.4	0.0	0.0	500	13-Jun
PX3B 83	165	30.49	38.5	18.9	0.0	0.00	173.6	4.1	0.0	0.0	500	14-Jun
PX3B 83	166	29.43	38.9	18.9	0.0	0.00	212.4	3.6	0.0	0.0	500	15-Jun
PX3B 83	167	28.92	38.9	22.1	0.0	0.00	173.6	4.1	0.0	0.0	500	16-Jun
PX3B 83	168	29.56	40.3	22.1	0.0	0.00	185.3	3.8	0.0	0.0	500	17-Jun
PX3B 83	169	30.67	39.9	21.6	0.0	0.00	150.4	4.6	0.0	0.0	500	18-Jun
PX3B 83	170	31.22	39.9	21.6	0.0	0.00	239.6	4.5	0.0	0.0	500	19-Jun
PX3B 83	171	30.64	39.4	22.1	0.0	0.00	286.1	5.0	0.0	0.0	500	20-Jun
PX3B 83	172	26.28	39.4	22.1	0.0	0.00	212.4	4.5	0.0	0.0	500	21-Jun
PX3B 83	173	23.64	38.9	21.1	0.0	0.00	127.1	3.8	0.0	0.0	500	22-Jun
PX3B 83	174	20.14	37.8	24.4	0.0	0.00	155.5	3.8	0.0	0.0	500	23-Jun
PX3B 83	175	29.91	40.7	23.1	0.0	0.00	388.8	4.8	0.0	0.0	500	24-Jun
PX3B 83	176	31.17	38.9	19.0	0.0	0.00	224.6	0.6	0.0	0.0	500	25-Jun
PX3B 83	177	30.92	39.8	19.9	0.0	0.00	259.2	0.4	0.0	0.0	500	26-Jun
PX3B 83	178	30.17	37.9	18.3	0.0	0.00	207.4	2.7	0.0	0.0	500	27-Jun
PX3B 83	179	28.51	38.7	18.3	0.0	0.00	146.9	3.8	0.0	0.0	500	28-Jun
PX3B 83	180	30.14	40.1	18.8	0.0	0.00	164.2	4.8	0.0	0.0	500	29-Jun
PX3B 83	181	29.39	41.1	19.8	0.0	0.00	207.4	11.2	0.0	0.0	500	30-Jun
PX3B 83	182	30.30	40.8	22.5	0.0	0.00	267.8	4.6	0.0	0.0	500	01-Jul
PX3B 83	183	29.81	40.6	20.2	0.0	0.00	172.8	3.4	0.0	0.0	500	02-Jul
PX3B 83	184	30.01	39.7	19.1	0.0	0.00	125.3	3.6	0.0	0.0	500	03-Jul
PX3B 83	185	30.21	42.6	22.3	0.0	0.00	133.9	6.7	0.0	0.0	500	04-Jul
PX3B 83	186	29.68	45.7	22.7	0.0	0.00	198.7	5.8	0.0	0.0	500	05-Jul
PX3B 83	187	28.64	39.4	25.6	0.0	0.00	259.2	10.0	0.0	0.0	500	06-Jul
PX3B 83	188	23.90	40.7	27.2	1.0	0.00	302.4	14.4	0.0	0.0	500	07-Jul
PX3B 83	189	20.58	36.8	25.3	0.0	0.00	95.0	22.2	0.0	0.0	500	08-Jul
PX3B 83	190	19.74	35.7	26.5	0.0	0.00	155.5	18.7	0.0	0.0	500	09-Jul
PX3B 83	191	27.89	40.8	25.6	0.0	0.00	241.9	16.4	0.0	0.0	500	10-Jul
PX3B 83	192	28.64	41.0	25.1	0.0	0.00	164.1	15.0	0.0	0.0	500	11-Jul
PX3B 83	193	27.75	41.6	23.0	0.0	0.00	203.0	13.8	0.0	0.0	500	12-Jul
PX3B 83	194	28.73	42.0	26.4	0.0	0.00	241.9	12.5	0.0	0.0	500	13-Jul
PX3B 83	195	28.06	41.9	27.8	0.0	0.00	337.0	13.1	0.0	0.0	500	14-Jul
PX3B 83	196	28.07	41.4	27.2	0.0	0.00	337.0	14.1	0.0	0.0	500	15-Jul
PX3B 83	197	29.80	41.3	24.5	0.0	0.00	354.2	10.0	0.0	0.0	500	16-Jul

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2	
PX3B 83 198	28.33	40.9	21.9	0.0	0.00	233.3	5.8	0.0	0.0	500	17-Jul	
PX3B 83 199	28.47	41.7	23.1	0.0	0.00	190.1	7.0	0.0	0.0	500	18-Jul	
PX3B 83 200	26.10	41.7	27.1	0.0	0.00	181.4	8.1	0.0	0.0	500	19-Jul	
PX3B 83 201	21.09	38.4	30.4	0.0	0.00	259.2	15.5	0.0	0.0	500	20-Jul	
PX3B 83 202	10.59	32.0	26.1	0.0	0.00	259.2	19.3	0.0	0.0	500	21-Jul	
PX3B 83 203	16.80	33.8	26.6	0.0	0.00	337.0	19.7	0.0	0.0	500	22-Jul	
PX3B 83 204	27.29	39.7	26.5	0.0	0.00	250.6	21.5	0.0	0.0	500	23-Jul	
PX3B 83 205	25.30	40.7	27.4	0.0	0.00	267.8	22.6	0.0	0.0	500	24-Jul	
PX3B 83 206	25.69	41.6	27.7	0.0	0.00	267.8	18.6	0.0	0.0	500	25-Jul	
PX3B 83 207	13.05	39.4	25.4	0.0	0.00	259.2	20.2	0.0	0.0	500	26-Jul	
PX3B 83 208	27.92	38.8	25.7	0.0	0.00	423.4	19.4	0.0	0.0	500	27-Jul	
PX3B 83 209	26.41	35.9	25.2	0.0	0.00	224.6	18.5	0.0	0.0	500	28-Jul	
PX3B 83 210	24.81	38.8	26.5	0.0	0.00	362.9	18.8	0.0	0.0	500	29-Jul	
PX3B 83 211	26.28	37.6	26.2	1.0	0.00	250.6	19.3	0.0	0.0	500	30-Jul	
PX3B 83 212	27.08	38.0	26.5	0.0	0.00	259.2	19.2	0.0	0.0	500	31-Jul	
PX3B 83 213	23.51	37.9	26.9	0.0	0.00	311.0	19.3	0.0	0.0	500	01-Aug	
PX3B 83 214	26.90	37.6	26.9	0.0	0.00	181.4	19.6	0.0	0.0	500	02-Aug	
PX3B 83 215	26.71	39.3	28.8	0.0	0.00	337.0	19.7	0.0	0.0	500	03-Aug	
PX3B 83 216	22.57	36.4	26.5	0.0	0.00	362.9	19.9	0.0	0.0	500	04-Aug	
PX3B 83 217	24.16	39.4	25.9	0.0	0.00	198.7	19.7	0.0	0.0	500	05-Aug	
PX3B 83 218	26.46	38.6	26.5	0.0	0.00	224.6	19.4	0.0	0.0	500	06-Aug	
PX3B 83 219	23.62	37.4	25.2	17.0	0.00	311.0	20.2	0.0	0.0	500	07-Aug	
PX3B 83 220	17.62	34.6	25.2	1.0	0.00	285.1	22.6	0.0	0.0	500	08-Aug	
PX3B 83 221	20.01	32.5	22.6	12.0	0.00	233.3	21.8	0.0	0.0	500	09-Aug	
PX3B 83 222	23.54	32.1	22.7	0.0	0.00	198.7	23.2	0.0	0.0	500	10-Aug	
PX3B 83 223	24.90	32.7	24.3	0.0	0.00	276.5	22.5	0.0	0.0	500	11-Aug	
PX3B 83 224	26.61	34.5	22.8	0.0	0.00	121.0	19.9	0.0	0.0	500	12-Aug	
PX3B 83 225	26.70	36.2	23.1	0.0	0.00	230.6	20.6	0.0	0.0	500	13-Aug	
PX3B 83 226	25.98	35.1	24.9	2.0	0.00	311.0	22.4	0.0	0.0	500	14-Aug	
PX3B 83 227	25.69	34.7	24.2	1.0	0.00	250.6	22.3	0.0	0.0	500	15-Aug	
PX3B 83 228	22.54	34.6	23.1	0.0	0.00	233.3	23.4	0.0	0.0	500	16-Aug	
PX3B 83 229	8.45	25.7	22.6	36.0	0.00	267.8	22.2	0.0	0.0	500	17-Aug	
PX3B 83 230	20.46	30.4	23.1	3.0	0.00	198.7	21.3	0.0	0.0	500	18-Aug	
PX3B 83 231	24.50	30.8	22.7	1.0	0.00	172.8	21.0	0.0	0.0	500	19-Aug	
PX3B 83 232	25.45	31.4	21.3	0.0	0.00	198.7	19.9	0.0	0.0	500	20-Aug	
PX3B 83 233	26.12	30.8	21.7	0.0	0.00	172.8	18.4	0.0	0.0	500	21-Aug	
PX3B 83 234	26.04	32.2	19.4	0.0	0.00	146.8	17.5	0.0	0.0	500	22-Aug	
PX3B 83 235	25.24	33.4	18.2	0.0	0.00	155.5	17.7	0.0	0.0	500	23-Aug	
PX3B 83 236	24.89	32.8	19.8	0.0	0.00	172.8	18.9	0.0	0.0	500	24-Aug	
PX3B 83 237	25.19	31.3	19.8	0.0	0.00	103.7	17.7	0.0	0.0	500	25-Aug	
PX3B 83 238	24.62	33.3	20.7	0.0	0.00	146.9	18.7	0.0	0.0	500	26-Aug	
PX3B 83 239	24.50	33.3	23.2	0.0	0.00	198.2	19.3	0.0	0.0	500	27-Aug	
PX3B 83 240	14.03	32.3	24.9	0.0	0.00	164.2	19.8	0.0	0.0	500	28-Aug	
PX3B 83 241	22.66	33.0	26.4	0.0	0.00	181.4	19.8	0.0	0.0	500	29-Aug	
PX3B 83 242	23.32	34.3	23.9	0.0	0.00	129.6	20.5	0.0	0.0	500	30-Aug	
PX3B 83 243	23.07	36.6	23.6	0.0	0.00	190.1	20.2	0.0	0.0	500	31-Aug	
PX3B 83 244	23.01	36.1	26.9	0.0	0.00	207.4	20.6	0.0	0.0	500	01-Sep	
PX3B 83 245	22.79	36.5	24.6	0.0	0.00	129.6	19.7	0.0	0.0	500	02-Sep	
PX3B 83 246	23.00	36.8	26.2	0.0	0.00	129.6	19.0	0.0	0.0	500	03-Sep	
PX3B 83 247	23.68	37.6	23.3	0.0	0.00	207.4	15.5	0.0	0.0	500	04-Sep	
PX3B 83 248	23.71	34.7	24.3	0.0	0.00	146.9	20.0	0.0	0.0	500	05-Sep	
PX3B 83 249	23.96	36.1	27.0	0.0	0.00	259.2	21.0	0.0	0.0	500	06-Sep	

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL	XTMAX		XRAIN	WIND	STMAX	CO2						
PX3B	83	250	22.53	33.0	24.2	0.0	0.00	146.9	20.6	0.0	0.0	500	07-Sep
PX3B	83	251	22.00	36.2	22.5	0.0	0.00	121.0	19.6	0.0	0.0	500	08-Sep
PX3B	83	252	21.89	35.7	23.0	0.0	0.00	112.3	20.1	0.0	0.0	500	09-Sep
PX3B	83	253	22.18	35.4	25.3	0.0	0.00	241.9	19.9	0.0	0.0	500	10-Sep
PX3B	83	254	22.17	35.1	24.9	0.0	0.00	250.6	20.0	0.0	0.0	500	11-Sep
PX3B	83	255	21.75	34.8	26.2	0.0	0.00	224.6	19.9	0.0	0.0	500	12-Sep
PX3B	83	256	21.38	35.2	22.3	0.0	0.00	172.8	18.7	0.0	0.0	500	13-Sep
PX3B	83	257	21.25	36.0	23.3	0.0	0.00	216.0	18.7	0.0	0.0	500	14-Sep
PX3B	83	258	20.71	35.7	24.4	0.0	0.00	276.5	19.2	0.0	0.0	500	15-Sep
PX3B	83	259	19.68	34.8	23.3	0.0	0.00	233.3	19.1	0.0	0.0	500	16-Sep
PX3B	83	260	20.60	34.9	22.3	0.0	0.00	164.2	19.0	0.0	0.0	500	17-Sep
PX3B	83	261	19.92	35.2	23.1	0.0	0.00	172.8	20.0	0.0	0.0	500	18-Sep
PX3B	83	262	15.73	33.9	23.4	0.0	0.00	190.1	20.7	0.0	0.0	500	19-Sep
PX3B	83	263	14.79	32.6	23.2	6.0	0.00	138.2	21.2	0.0	0.0	500	20-Sep
PX3B	83	264	21.05	36.9	23.2	0.0	0.00	129.6	17.7	0.0	0.0	500	21-Sep
PX3B	83	265	20.41	34.7	19.2	0.0	0.00	319.7	19.8	0.0	0.0	500	22-Sep
PX3B	83	266	13.83	33.7	20.5	1.0	0.00	267.8	19.3	0.0	0.0	500	23-Sep
PX3B	83	267	19.40	32.0	20.7	1.0	0.00	233.3	19.3	0.0	0.0	500	24-Sep
PX3B	83	268	18.64	34.3	19.9	0.0	0.00	121.0	17.6	0.0	0.0	500	25-Sep
PX3B	83	269	16.38	35.3	19.5	0.0	0.00	181.4	15.8	0.0	0.0	500	26-Sep
PX3B	83	270	20.59	34.0	17.5	0.0	0.00	103.7	15.9	0.0	0.0	500	27-Sep
PX3B	83	271	17.15	34.9	20.7	7.0	0.00	535.7	17.0	0.0	0.0	500	28-Sep
PX3B	83	272	3.17	21.3	17.7	0.0	0.00	432.0	17.3	0.0	0.0	500	29-Sep
PX3B	83	273	13.42	27.9	19.4	37.0	0.00	302.4	18.7	0.0	0.0	500	30-Sep
PX3B	83	274	7.41	20.7	17.0	2.0	0.00	388.8	17.4	0.0	0.0	500	01-Oct
PX3B	83	275	19.15	27.7	16.5	0.0	0.00	121.0	17.3	0.0	0.0	500	02-Oct
PX3B	83	276	19.11	27.8	17.3	0.0	0.00	198.7	18.0	0.0	0.0	500	03-Oct
PX3B	83	277	18.65	31.2	16.8	0.0	0.00	198.7	22.5	0.0	0.0	500	04-Oct
PX3B	83	278	16.50	31.4	18.2	0.0	0.00	198.7	20.4	0.0	0.0	500	05-Oct
PX3B	83	279	18.61	31.5	17.2	0.0	0.00	129.6	17.6	0.0	0.0	500	06-Oct
PX3B	83	280	18.51	32.1	17.6	0.0	0.00	181.4	17.0	0.0	0.0	500	07-Oct
PX3B	83	281	15.63	30.6	20.1	0.0	0.00	198.7	17.4	0.0	0.0	500	08-Oct
PX3B	83	282	18.97	32.8	17.3	0.0	0.00	121.0	17.0	0.0	0.0	500	09-Oct
PX3B	83	283	18.23	32.8	17.0	0.0	0.00	146.9	15.7	0.0	0.0	500	10-Oct
PX3B	83	284	18.68	32.8	15.6	0.0	0.00	121.0	13.0	0.0	0.0	500	11-Oct
PX3B	83	285	19.29	31.9	12.3	0.0	0.00	129.6	8.5	0.0	0.0	500	12-Oct
PX3B	83	286	18.14	32.0	13.7	0.0	0.00	267.8	10.3	0.0	0.0	500	13-Oct
PX3B	83	287	18.01	30.5	16.2	0.0	0.00	233.3	11.1	0.0	0.0	500	14-Oct
PX3B	83	288	17.78	29.3	13.3	0.0	0.00	216.0	11.3	0.0	0.0	500	15-Oct
PX3B	83	289	17.69	30.9	14.8	0.0	0.00	121.0	12.0	0.0	0.0	500	16-Oct
PX3B	83	290	10.61	28.1	16.4	0.0	0.00	497.7	13.8	0.0	0.0	500	17-Oct
PX3B	83	291	16.67	28.5	16.7	0.0	0.00	170.2	13.0	0.0	0.0	500	18-Oct
PX3B	83	292	11.74	27.9	19.6	0.0	0.00	188.4	13.5	0.0	0.0	500	19-Oct
PX3B	83	293	17.00	28.3	16.9	0.0	0.00	166.8	12.5	0.0	0.0	500	20-Oct
PX3B	83	294	17.12	29.2	16.5	0.0	0.00	149.5	12.7	0.0	0.0	500	21-Oct
PX3B	83	295	16.97	30.8	15.7	0.0	0.00	115.8	12.8	0.0	0.0	500	22-Oct
PX3B	83	296	16.82	30.0	15.9	0.0	0.00	182.3	13.5	0.0	0.0	500	23-Oct
PX3B	83	297	12.05	28.0	16.6	0.0	0.00	233.3	13.7	0.0	0.0	500	24-Oct
PX3B	83	298	16.12	28.4	16.7	0.0	0.00	407.8	13.0	0.0	0.0	500	25-Oct
PX3B	83	298	15.50	28.4	16.7	0.0	0.00	407.8	13.2	0.0	0.0	500	26-Oct



FILENAME: PX4C0605.W83

WEATHER DATA FOR CO2-500, REP=#2

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC      ↓      CO2YR WINDYR  
 PX4C 33.40 112.00 2.30 0 1 1 0 1 500 0.0

INSTW	IYR	SOLRAD	XTMIN		XPAR		DEWPT		STMIN		A00		
	JUL		XTMAX	XRAIN	WIND	STMAX	CO2						
PX4C	83	152	26.27	36.1	23.3	0.0	0.00	290.0	2.3	0.0	0.0	350	01-Jun
PX4C	83	153	30.20	33.3	20.6	0.0	0.00	227.9	3.0	0.0	0.0	350	02-Jun
PX4C	83	154	30.72	35.6	18.9	0.0	0.00	185.3	2.5	0.0	0.0	350	03-Jun
PX4C	83	155	30.71	35.6	21.1	0.0	0.00	189.2	3.0	0.0	0.0	350	04-Jun
PX4C	83	156	29.86	37.2	20.6	0.0	0.00	123.2	2.7	0.0	0.0	350	05-Jun
PX4C	83	157	29.50	38.9	22.2	0.0	0.00	158.1	3.4	0.0	0.0	350	06-Jun
PX4C	83	158	28.38	40.0	22.8	0.0	0.00	224.0	2.9	0.0	0.0	350	07-Jun
PX4C	83	159	30.20	39.4	24.4	0.0	0.00	301.6	3.4	0.0	0.0	350	08-Jun
PX4C	83	160	29.67	37.2	23.9	0.0	0.00	216.3	3.0	0.0	0.0	350	09-Jun
PX4C	83	161	29.08	37.3	19.9	0.0	0.00	119.4	3.8	0.0	0.0	350	10-Jun
PX4C	83	162	28.93	37.9	20.5	0.0	0.00	297.7	3.2	0.0	0.0	500	11-Jun
PX4C	83	163	30.09	34.5	21.1	0.0	0.00	189.2	3.8	0.0	0.0	500	12-Jun
PX4C	83	164	29.84	36.7	18.6	0.0	0.00	127.1	3.4	0.0	0.0	500	13-Jun
PX4C	83	165	30.49	38.4	18.0	0.0	0.00	173.6	4.1	0.0	0.0	500	14-Jun
PX4C	83	166	29.43	39.0	18.0	0.0	0.00	212.4	3.6	0.0	0.0	500	15-Jun
PX4C	83	167	28.92	39.0	21.7	0.0	0.00	173.6	4.1	0.0	0.0	500	16-Jun
PX4C	83	168	29.56	40.7	21.7	0.0	0.00	185.3	3.8	0.0	0.0	500	17-Jun
PX4C	83	169	30.67	40.1	21.1	0.0	0.00	150.4	4.6	0.0	0.0	500	18-Jun
PX4C	83	170	31.22	40.1	21.1	0.0	0.00	239.6	4.5	0.0	0.0	500	19-Jun
PX4C	83	171	30.64	39.5	21.7	0.0	0.00	286.1	5.0	0.0	0.0	500	20-Jun
PX4C	83	172	26.28	39.5	21.7	0.0	0.00	212.4	4.5	0.0	0.0	500	21-Jun
PX4C	83	173	23.64	38.4	20.5	0.0	0.00	127.1	3.8	0.0	0.0	500	22-Jun
PX4C	83	174	20.14	38.3	23.8	0.0	0.00	155.5	3.8	0.0	0.0	500	23-Jun
PX4C	83	175	29.91	40.1	22.7	0.0	0.00	388.8	5.6	0.0	0.0	500	24-Jun
PX4C	83	176	31.17	38.1	18.6	0.0	0.00	224.6	0.4	0.0	0.0	500	25-Jun
PX4C	83	177	30.92	39.0	19.5	0.0	0.00	259.2	1.9	0.0	0.0	500	26-Jun
PX4C	83	178	30.17	36.9	17.8	0.0	0.00	207.4	2.9	0.0	0.0	500	27-Jun
PX4C	83	179	28.51	38.4	17.8	0.0	0.00	146.9	3.8	0.0	0.0	500	28-Jun
PX4C	83	180	30.14	39.2	18.0	0.0	0.00	164.2	3.8	0.0	0.0	500	29-Jun
PX4C	83	181	29.39	40.1	19.1	0.0	0.00	207.4	3.2	0.0	0.0	500	30-Jun
PX4C	83	182	30.30	40.4	22.1	0.0	0.00	267.8	5.6	0.0	0.0	500	01-Jul
PX4C	83	183	29.81	39.7	19.5	0.0	0.00	172.8	4.5	0.0	0.0	500	02-Jul
PX4C	83	184	30.01	38.9	18.6	0.0	0.00	125.3	4.1	0.0	0.0	500	03-Jul
PX4C	83	185	30.21	41.9	21.8	0.0	0.00	133.9	7.7	0.0	0.0	500	04-Jul
PX4C	83	186	29.68	44.8	22.4	0.0	0.00	198.7	6.2	0.0	0.0	500	05-Jul
PX4C	83	187	28.64	44.6	28.7	0.0	0.00	259.2	10.0	0.0	0.0	500	06-Jul
PX4C	83	188	23.90	42.0	27.2	1.0	0.00	302.4	14.4	0.0	0.0	500	07-Jul
PX4C	83	189	20.58	36.5	25.3	0.0	0.00	95.0	19.4	0.0	0.0	500	08-Jul
PX4C	83	190	19.74	35.4	26.4	0.0	0.00	155.5	18.8	0.0	0.0	500	09-Jul
PX4C	83	191	27.89	39.9	25.2	0.0	0.00	241.9	16.7	0.0	0.0	500	10-Jul
PX4C	83	192	28.64	40.8	24.3	0.0	0.00	164.1	15.0	0.0	0.0	500	11-Jul
PX4C	83	193	27.75	41.7	26.9	0.0	0.00	203.0	13.4	0.0	0.0	500	12-Jul
PX4C	83	194	28.73	42.6	25.7	0.0	0.00	241.9	12.4	0.0	0.0	500	13-Jul
PX4C	83	195	28.06	42.0	27.6	0.0	0.00	337.0	12.8	0.0	0.0	500	14-Jul
PX4C	83	196	28.07	41.4	27.0	0.0	0.00	337.0	13.6	0.0	0.0	500	15-Jul
PX4C	83	197	29.80	41.4	24.1	0.0	0.00	354.2	9.2	0.0	0.0	500	16-Jul

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX4C	83	198	28.33	40.9	21.3	0.0	0.00	233.3	3.9	0.0	0.0	500	17-Jul
PX4C	83	199	28.47	42.1	22.7	0.0	0.00	190.1	5.8	0.0	0.0	500	18-Jul
PX4C	83	200	26.10	42.2	26.7	0.0	0.00	181.4	9.5	0.0	0.0	500	19-Jul
PX4C	83	201	21.09	38.4	30.1	0.0	0.00	259.2	15.8	0.0	0.0	500	20-Jul
PX4C	83	202	10.59	32.0	25.7	0.0	0.00	259.2	20.0	0.0	0.0	500	21-Jul
PX4C	83	203	16.80	33.7	26.4	0.0	0.00	337.0	19.5	0.0	0.0	500	22-Jul
PX4C	83	204	27.29	40.2	26.3	0.0	0.00	250.6	19.7	0.0	0.0	500	23-Jul
PX4C	83	205	25.30	40.5	27.0	0.0	0.00	267.8	19.2	0.0	0.0	500	24-Jul
PX4C	83	206	25.69	41.7	27.9	0.0	0.00	267.8	17.7	0.0	0.0	500	25-Jul
PX4C	83	207	13.05	42.1	26.6	0.0	0.00	259.2	15.1	0.0	0.0	500	26-Jul
PX4C	83	208	27.92	41.1	27.3	0.0	0.00	423.4	17.3	0.0	0.0	500	27-Jul
PX4C	83	209	26.41	36.0	24.7	0.0	0.00	224.6	18.7	0.0	0.0	500	28-Jul
PX4C	83	210	24.81	38.9	26.5	0.0	0.00	362.9	18.8	0.0	0.0	500	29-Jul
PX4C	83	211	26.28	38.7	26.2	1.0	0.00	250.6	19.2	0.0	0.0	500	30-Jul
PX4C	83	212	27.08	39.5	26.2	0.0	0.00	259.2	19.1	0.0	0.0	500	31-Jul
PX4C	83	213	23.51	38.9	26.8	0.0	0.00	311.0	19.1	0.0	0.0	500	01-Aug
PX4C	83	214	26.90	38.8	26.8	0.0	0.00	181.4	19.5	0.0	0.0	500	02-Aug
PX4C	83	215	26.71	40.5	28.9	0.0	0.00	337.0	20.2	0.0	0.0	500	03-Aug
PX4C	83	216	22.57	37.1	26.6	0.0	0.00	362.9	19.6	0.0	0.0	500	04-Aug
PX4C	83	217	24.16	40.9	25.6	0.0	0.00	198.7	19.0	0.0	0.0	500	05-Aug
PX4C	83	218	26.46	40.3	26.3	0.0	0.00	224.6	18.5	0.0	0.0	500	06-Aug
PX4C	83	219	23.62	38.4	23.6	17.0	0.00	311.0	19.6	0.0	0.0	500	07-Aug
PX4C	83	220	17.62	35.7	23.6	1.0	0.00	285.1	21.7	0.0	0.0	500	08-Aug
PX4C	83	221	20.01	33.3	22.2	12.0	0.00	233.3	21.3	0.0	0.0	500	09-Aug
PX4C	83	222	23.54	32.6	21.9	0.0	0.00	198.7	22.5	0.0	0.0	500	10-Aug
PX4C	83	223	24.90	38.2	23.9	0.0	0.00	276.5	22.6	0.0	0.0	500	11-Aug
PX4C	83	224	26.61	38.5	22.1	0.0	0.00	121.0	20.2	0.0	0.0	500	12-Aug
PX4C	83	225	26.70	37.8	22.8	0.0	0.00	230.6	21.3	0.0	0.0	500	13-Aug
PX4C	83	226	25.98	35.9	24.5	2.0	0.00	311.0	22.2	0.0	0.0	500	14-Aug
PX4C	83	227	25.69	36.1	24.4	1.0	0.00	250.6	22.1	0.0	0.0	500	15-Aug
PX4C	83	228	22.54	35.9	19.6	0.0	0.00	233.3	24.1	0.0	0.0	500	16-Aug
PX4C	83	229	8.45	27.6	20.1	36.0	0.00	267.8	22.5	0.0	0.0	500	17-Aug
PX4C	83	230	20.46	31.3	21.5	3.0	0.00	198.7	22.5	0.0	0.0	500	18-Aug
PX4C	83	231	24.50	31.7	22.4	1.0	0.00	172.8	21.3	0.0	0.0	500	19-Aug
PX4C	83	232	25.45	32.5	21.2	0.0	0.00	198.7	19.9	0.0	0.0	500	20-Aug
PX4C	83	233	26.12	32.2	21.6	0.0	0.00	172.8	18.9	0.0	0.0	500	21-Aug
PX4C	83	234	26.04	32.9	19.0	0.0	0.00	146.8	15.8	0.0	0.0	500	22-Aug
PX4C	83	235	25.24	34.0	18.7	0.0	0.00	155.5	17.3	0.0	0.0	500	23-Aug
PX4C	83	236	24.89	33.3	20.3	0.0	0.00	172.8	18.1	0.0	0.0	500	24-Aug
PX4C	83	237	25.19	33.2	19.2	0.0	0.00	103.7	17.3	0.0	0.0	500	25-Aug
PX4C	83	238	24.62	34.8	20.3	0.0	0.00	146.9	21.5	0.0	0.0	500	26-Aug
PX4C	83	239	24.50	35.2	22.4	0.0	0.00	198.2	20.4	0.0	0.0	500	27-Aug
PX4C	83	240	14.03	36.8	24.5	0.0	0.00	164.2	19.9	0.0	0.0	500	28-Aug
PX4C	83	241	22.66	33.8	26.2	0.0	0.00	181.4	19.8	0.0	0.0	500	29-Aug
PX4C	83	242	23.32	34.6	23.7	0.0	0.00	129.6	20.3	0.0	0.0	500	30-Aug
PX4C	83	243	23.07	37.2	23.3	0.0	0.00	190.1	19.8	0.0	0.0	500	31-Aug
PX4C	83	244	23.01	36.5	26.9	0.0	0.00	207.4	21.2	0.0	0.0	500	01-Sep
PX4C	83	245	22.79	37.0	24.3	0.0	0.00	129.6	20.6	0.0	0.0	500	02-Sep
PX4C	83	246	23.00	37.3	26.0	0.0	0.00	129.6	19.7	0.0	0.0	500	03-Sep
PX4C	83	247	23.68	38.2	22.9	0.0	0.00	207.4	16.8	0.0	0.0	500	04-Sep
PX4C	83	248	23.71	36.2	24.0	0.0	0.00	146.9	21.1	0.0	0.0	500	05-Sep
PX4C	83	249	23.96	36.3	27.0	0.0	0.00	259.2	21.3	0.0	0.0	500	06-Sep

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX4C	83	250	22.53	32.9	24.1	0.0	0.00	146.9	20.6	0.0	0.0	500	07-Sep
PX4C	83	251	22.00	37.0	22.0	0.0	0.00	121.0	19.7	0.0	0.0	500	08-Sep
PX4C	83	252	21.89	35.7	22.5	0.0	0.00	112.3	20.2	0.0	0.0	500	09-Sep
PX4C	83	253	22.18	34.8	24.7	0.0	0.00	241.9	20.2	0.0	0.0	500	10-Sep
PX4C	83	254	22.17	34.5	24.5	0.0	0.00	250.6	20.5	0.0	0.0	500	11-Sep
PX4C	83	255	21.75	34.5	25.4	0.0	0.00	224.6	20.8	0.0	0.0	500	12-Sep
PX4C	83	256	21.38	35.2	21.9	0.0	0.00	172.8	19.7	0.0	0.0	500	13-Sep
PX4C	83	257	21.25	35.4	22.8	0.0	0.00	216.0	20.0	0.0	0.0	500	14-Sep
PX4C	83	258	20.71	35.7	24.2	0.0	0.00	276.5	19.6	0.0	0.0	500	15-Sep
PX4C	83	259	19.68	35.0	23.1	0.0	0.00	233.3	19.0	0.0	0.0	500	16-Sep
PX4C	83	260	20.60	34.9	21.9	0.0	0.00	164.2	19.0	0.0	0.0	500	17-Sep
PX4C	83	261	19.92	35.2	22.9	0.0	0.00	172.8	20.0	0.0	0.0	500	18-Sep
PX4C	83	262	15.73	33.4	23.4	0.0	0.00	190.1	20.6	0.0	0.0	500	19-Sep
PX4C	83	263	14.79	32.0	23.0	6.0	0.00	138.2	21.1	0.0	0.0	500	20-Sep
PX4C	83	264	21.05	34.4	19.1	0.0	0.00	129.6	17.4	0.0	0.0	500	21-Sep
PX4C	83	265	20.41	34.0	19.6	0.0	0.00	319.7	19.2	0.0	0.0	500	22-Sep
PX4C	83	266	13.83	33.4	20.1	1.0	0.00	267.8	19.7	0.0	0.0	500	23-Sep
PX4C	83	267	19.40	32.1	20.5	1.0	0.00	233.3	19.9	0.0	0.0	500	24-Sep
PX4C	83	268	18.64	33.9	19.5	0.0	0.00	121.0	18.7	0.0	0.0	500	25-Sep
PX4C	83	269	16.38	34.8	18.8	0.0	0.00	181.4	16.6	0.0	0.0	500	26-Sep
PX4C	83	270	20.59	33.7	17.2	0.0	0.00	103.7	16.6	0.0	0.0	500	27-Sep
PX4C	83	271	17.15	35.2	20.6	7.0	0.00	535.7	17.7	0.0	0.0	500	28-Sep
PX4C	83	272	3.17	21.2	17.5	0.0	0.00	432.0	17.2	0.0	0.0	500	29-Sep
PX4C	83	273	13.42	27.5	18.8	37.0	0.00	302.4	19.1	0.0	0.0	500	30-Sep
PX4C	83	274	7.41	20.5	16.8	2.0	0.00	388.8	17.5	0.0	0.0	500	01-Oct
PX4C	83	275	19.15	27.1	16.2	0.0	0.00	121.0	17.7	0.0	0.0	500	02-Oct
PX4C	83	276	19.11	29.1	17.0	0.0	0.00	198.7	18.2	0.0	0.0	500	03-Oct
PX4C	83	277	18.65	30.7	16.7	0.0	0.00	198.7	18.0	0.0	0.0	500	04-Oct
PX4C	83	278	16.50	31.2	18.0	0.0	0.00	198.7	18.3	0.0	0.0	500	05-Oct
PX4C	83	279	18.61	31.4	17.2	0.0	0.00	129.6	17.6	0.0	0.0	500	06-Oct
PX4C	83	280	18.51	32.0	17.1	0.0	0.00	181.4	16.9	0.0	0.0	500	07-Oct
PX4C	83	281	15.63	30.8	19.6	0.0	0.00	198.7	17.5	0.0	0.0	500	08-Oct
PX4C	83	282	18.97	32.6	16.9	0.0	0.00	121.0	17.2	0.0	0.0	500	09-Oct
PX4C	83	283	18.23	32.2	16.5	0.0	0.00	146.9	16.6	0.0	0.0	500	10-Oct
PX4C	83	284	18.68	32.4	15.3	0.0	0.00	121.0	13.0	0.0	0.0	500	11-Oct
PX4C	83	285	19.29	31.5	12.0	0.0	0.00	129.6	8.6	0.0	0.0	500	12-Oct
PX4C	83	286	18.14	31.6	13.2	0.0	0.00	267.8	10.5	0.0	0.0	500	13-Oct
PX4C	83	287	18.01	30.3	15.8	0.0	0.00	233.3	11.2	0.0	0.0	500	14-Oct
PX4C	83	288	17.78	29.4	13.1	0.0	0.00	216.0	11.4	0.0	0.0	500	15-Oct
PX4C	83	289	17.69	30.6	14.4	0.0	0.00	121.0	12.1	0.0	0.0	500	16-Oct
PX4C	83	290	10.61	28.0	16.1	0.0	0.00	497.7	13.8	0.0	0.0	500	17-Oct
PX4C	83	291	16.67	28.4	16.3	0.0	0.00	170.2	14.0	0.0	0.0	500	18-Oct
PX4C	83	292	11.74	27.9	19.5	0.0	0.00	188.4	13.9	0.0	0.0	500	19-Oct
PX4C	83	293	17.00	28.3	16.8	0.0	0.00	166.8	13.0	0.0	0.0	500	20-Oct
PX4C	83	294	17.12	29.7	16.6	0.0	0.00	149.5	13.2	0.0	0.0	500	21-Oct
PX4C	83	295	16.97	30.8	15.7	0.0	0.00	115.8	13.0	0.0	0.0	500	22-Oct
PX4C	83	296	16.82	30.0	16.6	0.0	0.00	182.3	13.9	0.0	0.0	500	23-Oct
PX4C	83	297	12.05	28.0	16.6	0.0	0.00	233.3	13.9	0.0	0.0	500	24-Oct
PX4C	83	298	16.12	28.4	16.7	0.0	0.00	407.8	13.2	0.0	0.0	500	25-Oct
PX4C	83	299	15.50	28.4	16.7	0.0	0.00	407.8	13.7	0.0	0.0	500	26-Oct

FILENAME: PX2B0605.W83

WEATHER DATA FOR CO2=650, REP=#1

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC      ↓      CO2YR WINDYR  
 PX2B 33.40 112.00 2.30 0 1 1 0 1 650 0.0

	IYR	SOLRAD	XTMIN	XPAR	DEWPT	STMIN	A00
<u>INSTW</u>	<u>JUL</u>	<u>XTMAX</u>	<u>XRAIN</u>	<u>WIND</u>	<u>STMAX</u>	<u>CO2</u>	
PX2B 83 152	26.27	36.1	23.3	0.0	0.00	290.0	2.3 0.0 0.0 350 01-Jun
PX2B 83 153	30.20	33.3	20.6	0.0	0.00	227.9	3.0 0.0 0.0 350 02-Jun
PX2B 83 154	30.72	35.6	18.9	0.0	0.00	185.3	2.5 0.0 0.0 350 03-Jun
PX2B 83 155	30.71	35.6	21.1	0.0	0.00	189.2	3.0 0.0 0.0 350 04-Jun
PX2B 83 156	29.86	37.2	20.6	0.0	0.00	123.2	2.7 0.0 0.0 350 05-Jun
PX2B 83 157	29.50	38.9	22.2	0.0	0.00	158.1	3.4 0.0 0.0 350 06-Jun
PX2B 83 158	28.38	40.0	22.8	0.0	0.00	224.0	2.9 0.0 0.0 350 07-Jun
PX2B 83 159	30.20	39.4	24.4	0.0	0.00	301.6	3.4 0.0 0.0 350 08-Jun
PX2B 83 160	29.67	37.2	23.9	0.0	0.00	216.3	3.0 0.0 0.0 350 09-Jun
PX2B 83 161	29.08	37.3	20.2	0.0	0.00	119.4	3.8 0.0 0.0 350 10-Jun
PX2B 83 162	28.93	37.8	20.8	0.0	0.00	297.7	3.2 0.0 0.0 650 11-Jun
PX2B 83 163	30.09	34.6	21.4	0.0	0.00	189.2	3.8 0.0 0.0 650 12-Jun
PX2B 83 164	29.84	36.7	19.0	0.0	0.00	127.1	3.4 0.0 0.0 650 13-Jun
PX2B 83 165	30.49	38.3	18.4	0.0	0.00	173.6	4.1 0.0 0.0 650 14-Jun
PX2B 83 166	29.43	38.9	18.4	0.0	0.00	212.4	3.6 0.0 0.0 650 15-Jun
PX2B 83 167	28.92	38.9	22.0	0.0	0.00	173.6	4.1 0.0 0.0 650 16-Jun
PX2B 83 168	29.56	40.5	22.0	0.0	0.00	185.3	3.8 0.0 0.0 650 17-Jun
PX2B 83 169	30.67	40.0	21.4	0.0	0.00	150.4	4.6 0.0 0.0 650 18-Jun
PX2B 83 170	31.22	40.0	21.4	0.0	0.00	239.6	4.5 0.0 0.0 650 19-Jun
PX2B 83 171	30.64	39.4	22.0	0.0	0.00	286.1	5.0 0.0 0.0 650 20-Jun
PX2B 83 172	26.28	39.4	22.0	0.0	0.00	212.4	4.5 0.0 0.0 650 21-Jun
PX2B 83 173	23.64	39.5	20.8	0.0	0.00	127.1	3.8 0.0 0.0 650 22-Jun
PX2B 83 174	20.14	38.3	23.8	0.0	0.00	155.5	3.8 0.0 0.0 650 23-Jun
PX2B 83 175	29.91	40.2	22.9	0.0	0.00	388.8	5.3 0.0 0.0 650 24-Jun
PX2B 83 176	31.17	38.0	19.1	0.0	0.00	224.6	0.2 0.0 0.0 650 25-Jun
PX2B 83 177	30.92	38.7	19.5	0.0	0.00	259.2	1.7 0.0 0.0 650 26-Jun
PX2B 83 178	30.17	37.6	18.0	0.0	0.00	207.4	3.8 0.0 0.0 650 27-Jun
PX2B 83 179	28.51	38.7	18.0	0.0	0.00	146.9	3.8 0.0 0.0 650 28-Jun
PX2B 83 180	30.14	39.8	18.6	0.0	0.00	164.2	3.8 0.0 0.0 650 29-Jun
PX2B 83 181	29.39	41.0	19.8	0.0	0.00	207.4	2.3 0.0 0.0 650 30-Jun
PX2B 83 182	30.30	40.6	22.7	0.0	0.00	267.8	4.5 0.0 0.0 650 01-Jul
PX2B 83 183	29.81	40.6	20.2	0.0	0.00	172.8	3.6 0.0 0.0 650 02-Jul
PX2B 83 184	30.01	39.7	19.8	0.0	0.00	125.3	3.6 0.0 0.0 650 03-Jul
PX2B 83 185	30.21	42.3	22.3	0.0	0.00	133.9	7.0 0.0 0.0 650 04-Jul
PX2B 83 186	29.68	45.8	22.7	0.0	0.00	198.7	5.8 0.0 0.0 650 05-Jul
PX2B 83 187	28.64	41.6	28.9	0.0	0.00	259.2	10.0 0.0 0.0 650 06-Jul
PX2B 83 188	23.90	42.6	27.7	1.0	0.00	302.4	14.4 0.0 0.0 650 07-Jul
PX2B 83 189	20.58	37.0	25.5	0.0	0.00	95.0	22.4 0.0 0.0 650 08-Jul
PX2B 83 190	19.74	35.8	26.4	0.0	0.00	155.5	18.6 0.0 0.0 650 09-Jul
PX2B 83 191	27.89	41.1	25.5	0.0	0.00	241.9	16.1 0.0 0.0 650 10-Jul
PX2B 83 192	28.64	40.7	24.8	0.0	0.00	164.1	15.0 0.0 0.0 650 11-Jul
PX2B 83 193	27.75	41.2	27.2	0.0	0.00	203.0	13.7 0.0 0.0 650 12-Jul
PX2B 83 194	28.73	41.8	26.0	0.0	0.00	241.9	13.1 0.0 0.0 650 13-Jul
PX2B 83 195	28.06	41.6	27.5	0.0	0.00	337.0	13.2 0.0 0.0 650 14-Jul
PX2B 83 196	28.07	41.2	27.0	0.0	0.00	337.0	13.9 0.0 0.0 650 15-Jul
PX2B 83 197	29.80	41.1	24.2	0.0	0.00	354.2	9.8 0.0 0.0 650 16-Jul

INSTW	YR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
	JUL		XTMAX		XRAIN		WIND		STMAX	CO2			
PX2B	83	198	28.33	40.9	21.5	0.0	0.00	233.3	5.3	0.0	0.0	650	17-Jul
PX2B	83	199	28.47	41.7	22.6	0.0	0.00	190.1	5.8	0.0	0.0	650	18-Jul
PX2B	83	200	26.10	41.8	26.8	0.0	0.00	181.4	8.1	0.0	0.0	650	19-Jul
PX2B	83	201	21.09	38.7	30.2	0.0	0.00	259.2	15.4	0.0	0.0	650	20-Jul
PX2B	83	202	10.59	31.9	25.9	0.0	0.00	259.2	19.5	0.0	0.0	650	21-Jul
PX2B	83	203	16.80	33.7	26.4	0.0	0.00	337.0	19.7	0.0	0.0	650	22-Jul
PX2B	83	204	27.29	39.0	26.3	0.0	0.00	250.6	20.2	0.0	0.0	650	23-Jul
PX2B	83	205	25.30	39.6	27.6	0.0	0.00	267.8	19.7	0.0	0.0	650	24-Jul
PX2B	83	206	25.69	40.9	28.0	0.0	0.00	267.8	17.8	0.0	0.0	650	25-Jul
PX2B	83	207	13.05	40.7	26.7	0.0	0.00	259.2	15.3	0.0	0.0	650	26-Jul
PX2B	83	208	27.92	41.1	27.3	0.0	0.00	423.4	22.9	0.0	0.0	650	27-Jul
PX2B	83	209	26.41	36.1	24.7	0.0	0.00	224.6	22.0	0.0	0.0	650	28-Jul
PX2B	83	210	24.81	39.0	26.5	0.0	0.00	362.9	18.8	0.0	0.0	650	29-Jul
PX2B	83	211	26.28	37.2	26.1	1.0	0.00	250.6	19.4	0.0	0.0	650	30-Jul
PX2B	83	212	27.08	37.4	26.3	0.0	0.00	259.2	19.4	0.0	0.0	650	31-Jul
PX2B	83	213	23.51	37.4	26.8	0.0	0.00	311.0	19.4	0.0	0.0	650	01-Aug
PX2B	83	214	26.90	37.9	26.8	0.0	0.00	181.4	19.6	0.0	0.0	650	02-Aug
PX2B	83	215	26.71	38.9	28.8	0.0	0.00	337.0	20.0	0.0	0.0	650	03-Aug
PX2B	83	216	22.57	36.0	26.6	0.0	0.00	362.9	20.0	0.0	0.0	650	04-Aug
PX2B	83	217	24.16	38.9	25.6	0.0	0.00	198.7	19.5	0.0	0.0	650	05-Aug
PX2B	83	218	26.46	40.9	26.1	0.0	0.00	224.6	19.1	0.0	0.0	650	06-Aug
PX2B	83	219	23.62	37.8	25.0	17.0	0.00	311.0	19.9	0.0	0.0	650	07-Aug
PX2B	83	220	17.62	35.0	25.0	1.0	0.00	285.1	22.3	0.0	0.0	650	08-Aug
PX2B	83	221	20.01	32.6	22.5	12.0	0.00	233.3	22.4	0.0	0.0	650	09-Aug
PX2B	83	222	23.54	32.0	22.5	0.0	0.00	198.7	23.1	0.0	0.0	650	10-Aug
PX2B	83	223	24.90	32.7	24.2	0.0	0.00	276.5	22.6	0.0	0.0	650	11-Aug
PX2B	83	224	26.61	36.1	22.6	0.0	0.00	121.0	20.0	0.0	0.0	650	12-Aug
PX2B	83	225	26.70	36.0	22.7	0.0	0.00	230.6	20.8	0.0	0.0	650	13-Aug
PX2B	83	226	25.98	36.5	24.8	2.0	0.00	311.0	22.6	0.0	0.0	650	14-Aug
PX2B	83	227	25.69	35.5	24.4	1.0	0.00	250.6	22.5	0.0	0.0	650	15-Aug
PX2B	83	228	22.54	35.5	21.5	0.0	0.00	233.3	24.0	0.0	0.0	650	16-Aug
PX2B	83	229	08.45	28.2	18.3	36.0	0.00	267.8	22.9	0.0	0.0	650	17-Aug
PX2B	83	230	20.46	31.9	18.3	3.0	0.00	198.7	22.8	0.0	0.0	650	18-Aug
PX2B	83	231	24.50	32.5	21.5	1.0	0.00	172.8	22.8	0.0	0.0	650	19-Aug
PX2B	83	232	25.45	32.8	19.8	0.0	0.00	198.7	22.5	0.0	0.0	650	20-Aug
PX2B	83	233	26.12	32.9	20.4	0.0	0.00	172.8	21.0	0.0	0.0	650	21-Aug
PX2B	83	234	26.04	32.1	17.6	0.0	0.00	146.8	17.0	0.0	0.0	650	22-Aug
PX2B	83	235	25.24	34.5	18.7	0.0	0.00	155.5	20.6	0.0	0.0	650	23-Aug
PX2B	83	236	24.89	31.7	18.8	0.0	0.00	172.8	19.9	0.0	0.0	650	24-Aug
PX2B	83	237	25.19	32.1	19.7	0.0	0.00	103.7	17.5	0.0	0.0	650	25-Aug
PX2B	83	238	24.62	34.2	20.8	0.0	0.00	146.9	18.6	0.0	0.0	650	26-Aug
PX2B	83	239	24.50	33.5	22.7	0.0	0.00	198.2	19.5	0.0	0.0	650	27-Aug
PX2B	83	240	14.03	32.8	24.8	0.0	0.00	164.2	20.0	0.0	0.0	650	28-Aug
PX2B	83	241	22.66	33.2	26.1	0.0	0.00	181.4	19.8	0.0	0.0	650	29-Aug
PX2B	83	242	23.32	34.3	23.7	0.0	0.00	129.6	20.4	0.0	0.0	650	30-Aug
PX2B	83	243	23.07	36.8	23.4	0.0	0.00	190.1	20.2	0.0	0.0	650	31-Aug
PX2B	83	244	23.01	35.7	26.7	0.0	0.00	207.4	21.0	0.0	0.0	650	01-Sep
PX2B	83	245	22.79	36.2	24.2	0.0	0.00	129.6	20.2	0.0	0.0	650	02-Sep
PX2B	83	246	23.00	36.9	26.1	0.0	0.00	129.6	19.5	0.0	0.0	650	03-Sep
PX2B	83	247	23.68	36.7	22.7	0.0	0.00	207.4	16.2	0.0	0.0	650	04-Sep
PX2B	83	248	23.71	34.5	23.8	0.0	0.00	146.9	20.4	0.0	0.0	650	05-Sep
PX2B	83	249	23.96	36.2	26.8	0.0	0.00	259.2	21.1	0.0	0.0	650	06-Sep

	IYR	SOLRAD	XTMIN	XPAR	DEWPT	STMIN	A00					
INSTW	JUL	XTMAX	XRAIN	WIND	STMAX	CO2						
PX2B 83	250	22.53	32.6	24.0	0.0	0.00	146.9	20.6	0.0	0.0	650	07-Sep
PX2B 83	251	22.00	36.2	22.3	0.0	0.00	121.0	19.4	0.0	0.0	650	08-Sep
PX2B 83	252	21.89	35.8	22.9	0.0	0.00	112.3	19.7	0.0	0.0	650	09-Sep
PX2B 83	253	22.18	35.3	25.6	0.0	0.00	241.9	19.7	0.0	0.0	650	10-Sep
PX2B 83	254	22.17	35.1	24.6	0.0	0.00	250.6	19.8	0.0	0.0	650	11-Sep
PX2B 83	255	21.75	35.6	26.3	0.0	0.00	224.6	19.7	0.0	0.0	650	12-Sep
PX2B 83	256	21.38	35.5	22.3	0.0	0.00	172.8	18.4	0.0	0.0	650	13-Sep
PX2B 83	257	21.25	36.3	23.2	0.0	0.00	216.0	18.4	0.0	0.0	650	14-Sep
PX2B 83	258	20.71	35.6	24.4	0.0	0.00	276.5	19.2	0.0	0.0	650	15-Sep
PX2B 83	259	19.68	34.7	23.2	0.0	0.00	233.3	19.0	0.0	0.0	650	16-Sep
PX2B 83	260	20.60	35.0	22.0	0.0	0.00	164.2	18.9	0.0	0.0	650	17-Sep
PX2B 83	261	19.92	35.2	23.0	0.0	0.00	172.8	19.8	0.0	0.0	650	18-Sep
PX2B 83	262	15.73	33.8	23.2	0.0	0.00	190.1	20.6	0.0	0.0	650	19-Sep
PX2B 83	263	14.79	32.6	23.0	6.0	0.00	138.2	21.1	0.0	0.0	650	20-Sep
PX2B 83	264	21.05	33.9	19.4	0.0	0.00	129.6	17.6	0.0	0.0	650	21-Sep
PX2B 83	265	20.41	34.9	20.1	0.0	0.00	319.7	18.7	0.0	0.0	650	22-Sep
PX2B 83	266	13.83	33.7	20.0	1.0	0.00	267.8	19.2	0.0	0.0	650	23-Sep
PX2B 83	267	19.40	32.1	20.5	1.0	0.00	233.3	19.2	0.0	0.0	650	24-Sep
PX2B 83	268	18.64	34.3	19.7	0.0	0.00	121.0	17.4	0.0	0.0	650	25-Sep
PX2B 83	269	16.38	35.5	19.7	0.0	0.00	181.4	15.8	0.0	0.0	650	26-Sep
PX2B 83	270	20.59	33.9	18.0	0.0	0.00	103.7	15.8	0.0	0.0	650	27-Sep
PX2B 83	271	17.15	34.8	21.1	7.0	0.00	535.7	16.9	0.0	0.0	650	28-Sep
PX2B 83	272	3.17	21.2	16.9	0.0	0.00	432.0	17.4	0.0	0.0	650	29-Sep
PX2B 83	273	13.42	27.3	18.3	37.0	0.00	302.4	19.0	0.0	0.0	650	30-Sep
PX2B 83	274	7.41	20.4	17.8	2.0	0.00	388.8	18.0	0.0	0.0	650	01-Oct
PX2B 83	275	19.15	27.5	15.6	0.0	0.00	121.0	17.5	0.0	0.0	650	02-Oct
PX2B 83	276	19.11	27.4	16.9	0.0	0.00	198.7	17.7	0.0	0.0	650	03-Oct
PX2B 83	277	18.65	30.9	16.5	0.0	0.00	198.7	17.9	0.0	0.0	650	04-Oct
PX2B 83	278	16.50	31.2	18.1	0.0	0.00	198.7	18.1	0.0	0.0	650	05-Oct
PX2B 83	279	18.61	31.0	17.1	0.0	0.00	129.6	17.6	0.0	0.0	650	06-Oct
PX2B 83	280	18.51	31.8	17.5	0.0	0.00	181.4	17.0	0.0	0.0	650	07-Oct
PX2B 83	281	15.63	30.4	20.3	0.0	0.00	198.7	17.4	0.0	0.0	650	08-Oct
PX2B 83	282	18.97	32.4	17.2	0.0	0.00	121.0	17.0	0.0	0.0	650	09-Oct
PX2B 83	283	18.23	32.4	17.0	0.0	0.00	146.9	16.2	0.0	0.0	650	10-Oct
PX2B 83	284	18.68	32.8	15.7	0.0	0.00	121.0	12.9	0.0	0.0	650	11-Oct
PX2B 83	285	19.29	31.7	12.1	0.0	0.00	129.6	8.4	0.0	0.0	650	12-Oct
PX2B 83	286	18.14	31.7	13.5	0.0	0.00	267.8	10.4	0.0	0.0	650	13-Oct
PX2B 83	287	18.01	30.2	16.6	0.0	0.00	233.3	11.1	0.0	0.0	650	14-Oct
PX2B 83	288	17.78	28.9	12.8	0.0	0.00	216.0	11.5	0.0	0.0	650	15-Oct
PX2B 83	289	17.69	31.3	12.7	0.0	0.00	121.0	17.6	0.0	0.0	650	16-Oct
PX2B 83	290	10.61	27.7	14.4	0.0	0.00	497.7	14.8	0.0	0.0	650	17-Oct
PX2B 83	291	16.67	29.6	16.5	0.0	0.00	170.2	14.0	0.0	0.0	650	18-Oct
PX2B 83	292	11.74	29.7	19.7	0.0	0.00	188.4	13.9	0.0	0.0	650	19-Oct
PX2B 83	293	17.00	29.7	16.9	0.0	0.00	166.8	13.0	0.0	0.0	650	20-Oct
PX2B 83	294	17.12	30.1	16.0	0.0	0.00	149.5	13.2	0.0	0.0	650	21-Oct
PX2B 83	295	16.97	30.9	15.8	0.0	0.00	115.8	13.0	0.0	0.0	650	22-Oct
PX2B 83	296	16.82	31.3	16.0	0.0	0.00	182.3	13.7	0.0	0.0	650	23-Oct
PX2B 83	297	12.05	30.0	16.6	0.0	0.00	233.3	13.9	0.0	0.0	650	24-Oct
PX2B 83	298	16.12	29.4	16.8	0.0	0.00	407.8	13.2	0.0	0.0	650	25-Oct
PX2B 83	299	15.50	28.8	17.0	0.0	0.00	407.8	13.0	0.0	0.0	650	26-Oct

FILENAME: PX3A0605.W83

WEATHER DATA FOR CO2=650, REP=#2

options (for PAR, WIND, DEWPT, STDAT & CO2)  
INSTW XLAT XLONG PARFAC      ↓      CO2YR WINDYR  
 PX3A 33.40 112.00 2.30 0 1 1 0 1 650 0.0

INSTW	IYR	SOLRAD		XTMAX	XTMIN	XRAIN	XPAR		DEWPT	STMAX	STMIN	CO2	A00
		JUL					WIND						
PX3A	83	152	26.27	36.1	23.3	0.0	0.00	290.0	2.3	0.0	0.0	350	01-Jun
PX3A	83	153	30.20	33.3	20.6	0.0	0.00	227.9	3.0	0.0	0.0	350	02-Jun
PX3A	83	154	30.72	35.6	18.9	0.0	0.00	185.3	2.5	0.0	0.0	350	03-Jun
PX3A	83	155	30.71	35.6	21.1	0.0	0.00	189.2	3.0	0.0	0.0	350	04-Jun
PX3A	83	156	29.86	37.2	20.6	0.0	0.00	123.2	2.7	0.0	0.0	350	05-Jun
PX3A	83	157	29.50	38.9	22.2	0.0	0.00	158.1	3.4	0.0	0.0	350	06-Jun
PX3A	83	158	28.38	40.0	22.8	0.0	0.00	224.0	2.9	0.0	0.0	350	07-Jun
PX3A	83	159	30.20	39.4	24.4	0.0	0.00	301.6	3.4	0.0	0.0	350	08-Jun
PX3A	83	160	29.67	37.2	23.9	0.0	0.00	216.3	3.0	0.0	0.0	350	09-Jun
PX3A	83	161	29.08	36.7	19.8	0.0	0.00	119.4	3.8	0.0	0.0	350	10-Jun
PX3A	83	162	28.93	37.3	20.5	0.0	0.00	297.7	3.2	0.0	0.0	650	11-Jun
PX3A	83	163	30.09	33.7	21.1	0.0	0.00	189.2	3.8	0.0	0.0	650	12-Jun
PX3A	83	164	29.84	36.1	18.5	0.0	0.00	127.1	3.4	0.0	0.0	650	13-Jun
PX3A	83	165	30.49	37.9	17.9	0.0	0.00	173.6	4.1	0.0	0.0	650	14-Jun
PX3A	83	166	29.43	38.5	17.9	0.0	0.00	212.4	3.6	0.0	0.0	650	15-Jun
PX3A	83	167	28.92	38.5	21.8	0.0	0.00	173.6	4.1	0.0	0.0	650	16-Jun
PX3A	83	168	29.56	40.3	21.8	0.0	0.00	185.3	5.0	0.0	0.0	650	17-Jun
PX3A	83	169	30.67	39.7	21.1	0.0	0.00	150.4	5.0	0.0	0.0	650	18-Jun
PX3A	83	170	31.22	39.7	21.1	0.0	0.00	239.6	-0.2	0.0	0.0	650	19-Jun
PX3A	83	171	30.64	39.1	21.8	0.0	0.00	286.1	1.7	0.0	0.0	650	20-Jun
PX3A	83	172	26.28	39.1	21.8	0.0	0.00	212.4	3.8	0.0	0.0	650	21-Jun
PX3A	83	173	23.64	37.5	20.5	0.0	0.00	127.1	3.8	0.0	0.0	650	22-Jun
PX3A	83	174	20.14	36.3	23.2	0.0	0.00	155.5	3.8	0.0	0.0	650	23-Jun
PX3A	83	175	29.91	38.0	22.3	0.0	0.00	388.8	6.8	0.0	0.0	650	24-Jun
PX3A	83	176	31.17	36.1	18.2	0.0	0.00	224.6	1.9	0.0	0.0	650	25-Jun
PX3A	83	177	30.92	37.1	19.0	0.0	0.00	259.2	3.0	0.0	0.0	650	26-Jun
PX3A	83	178	30.17	35.9	18.2	0.0	0.00	207.4	5.0	0.0	0.0	650	27-Jun
PX3A	83	179	28.51	36.0	18.2	0.0	0.00	146.9	3.8	0.0	0.0	650	28-Jun
PX3A	83	180	30.14	38.1	18.8	0.0	0.00	164.2	1.7	0.0	0.0	650	29-Jun
PX3A	83	181	29.39	39.1	19.4	0.0	0.00	207.4	4.1	0.0	0.0	650	30-Jun
PX3A	83	182	30.30	39.0	21.8	0.0	0.00	267.8	5.9	0.0	0.0	650	01-Jul
PX3A	83	183	29.81	39.0	19.5	0.0	0.00	172.8	4.8	0.0	0.0	650	02-Jul
PX3A	83	184	30.01	38.1	19.0	0.0	0.00	125.3	4.5	0.0	0.0	650	03-Jul
PX3A	83	185	30.21	40.6	21.9	0.0	0.00	133.9	8.0	0.0	0.0	650	04-Jul
PX3A	83	186	29.68	44.6	22.2	0.0	0.00	198.7	7.1	0.0	0.0	650	05-Jul
PX3A	83	187	28.64	44.3	28.9	0.0	0.00	259.2	10.0	0.0	0.0	650	06-Jul
PX3A	83	188	23.90	41.6	27.7	1.0	0.00	302.4	14.4	0.0	0.0	650	07-Jul
PX3A	83	189	20.58	36.7	25.6	0.0	0.00	95.0	18.7	0.0	0.0	650	08-Jul
PX3A	83	190	19.74	35.4	26.4	0.0	0.00	155.5	18.6	0.0	0.0	650	09-Jul
PX3A	83	191	27.89	40.2	25.6	0.0	0.00	241.9	16.2	0.0	0.0	650	10-Jul
PX3A	83	192	28.64	41.3	24.9	0.0	0.00	164.1	15.0	0.0	0.0	650	11-Jul
PX3A	83	193	27.75	41.4	27.2	0.0	0.00	203.0	13.3	0.0	0.0	650	12-Jul
PX3A	83	194	28.73	42.0	26.4	0.0	0.00	241.9	12.5	0.0	0.0	650	13-Jul
PX3A	83	195	28.06	42.2	27.8	0.0	0.00	337.0	13.1	0.0	0.0	650	14-Jul
PX3A	83	196	28.07	41.7	26.9	0.0	0.00	337.0	14.8	0.0	0.0	650	15-Jul
PX3A	83	197	29.80	41.8	24.2	0.0	0.00	354.2	9.5	0.0	0.0	650	16-Jul

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX	CO2			
PX3A	83	198	28.33	41.4	21.8	0.0	0.00	233.3	4.6	0.0	0.0	650	17-Jul
PX3A	83	199	28.47	43.1	23.3	0.0	0.00	190.1	5.4	0.0	0.0	650	18-Jul
PX3A	83	200	26.10	42.8	27.3	0.0	0.00	181.4	8.0	0.0	0.0	650	19-Jul
PX3A	83	201	21.09	39.2	30.7	0.0	0.00	259.2	15.6	0.0	0.0	650	20-Jul
PX3A	83	202	10.59	32.2	25.9	0.0	0.00	259.2	19.5	0.0	0.0	650	21-Jul
PX3A	83	203	16.80	33.9	26.5	0.0	0.00	337.0	19.8	0.0	0.0	650	22-Jul
PX3A	83	204	27.29	40.1	26.4	0.0	0.00	250.6	20.2	0.0	0.0	650	23-Jul
PX3A	83	205	25.30	40.5	27.7	0.0	0.00	267.8	19.7	0.0	0.0	650	24-Jul
PX3A	83	206	25.69	41.5	28.1	0.0	0.00	267.8	17.5	0.0	0.0	650	25-Jul
PX3A	83	207	13.05	42.1	20.1	0.0	0.00	259.2	14.8	0.0	0.0	650	26-Jul
PX3A	83	208	27.92	41.1	27.5	0.0	0.00	423.4	16.5	0.0	0.0	650	27-Jul
PX3A	83	209	26.41	37.0	25.0	0.0	0.00	224.6	18.4	0.0	0.0	650	28-Jul
PX3A	83	210	24.81	38.4	26.8	0.0	0.00	362.9	16.7	0.0	0.0	650	29-Jul
PX3A	83	211	26.28	38.4	26.4	1.0	0.00	250.6	19.2	0.0	0.0	650	30-Jul
PX3A	83	212	27.08	39.0	26.5	0.0	0.00	259.2	19.3	0.0	0.0	650	31-Jul
PX3A	83	213	23.51	39.2	27.0	0.0	0.00	311.0	19.3	0.0	0.0	650	01-Aug
PX3A	83	214	26.90	39.0	27.0	0.0	0.00	181.4	19.7	0.0	0.0	650	02-Aug
PX3A	83	215	26.71	40.9	28.9	0.0	0.00	337.0	20.3	0.0	0.0	650	03-Aug
PX3A	83	216	22.57	37.3	26.8	0.0	0.00	362.9	19.9	0.0	0.0	650	04-Aug
PX3A	83	217	24.16	40.9	26.0	0.0	0.00	198.7	19.2	0.0	0.0	650	05-Aug
PX3A	83	218	26.46	40.1	26.5	0.0	0.00	224.6	18.8	0.0	0.0	650	06-Aug
PX3A	83	219	23.62	38.9	23.8	17.0	0.00	311.0	19.7	0.0	0.0	650	07-Aug
PX3A	83	220	17.62	36.1	23.8	1.0	0.00	285.1	21.5	0.0	0.0	650	08-Aug
PX3A	83	221	20.01	33.6	22.2	12.0	0.00	233.3	21.3	0.0	0.0	650	09-Aug
PX3A	83	222	23.54	32.7	21.9	0.0	0.00	198.7	21.9	0.0	0.0	650	10-Aug
PX3A	83	223	24.90	34.1	24.0	0.0	0.00	276.5	21.8	0.0	0.0	650	11-Aug
PX3A	83	224	26.61	36.0	22.8	0.0	0.00	121.0	19.3	0.0	0.0	650	12-Aug
PX3A	83	225	26.70	38.2	23.3	0.0	0.00	230.6	19.8	0.0	0.0	650	13-Aug
PX3A	83	226	25.98	36.7	24.7	2.0	0.00	311.0	21.7	0.0	0.0	650	14-Aug
PX3A	83	227	25.69	36.2	24.3	1.0	0.00	250.6	22.6	0.0	0.0	650	15-Aug
PX3A	83	228	22.54	35.3	20.1	0.0	0.00	233.3	22.5	0.0	0.0	650	16-Aug
PX3A	83	229	8.45	27.6	20.8	36.0	0.00	267.8	21.3	0.0	0.0	650	17-Aug
PX3A	83	230	20.46	30.2	21.3	3.0	0.00	198.7	20.6	0.0	0.0	650	18-Aug
PX3A	83	231	24.50	31.5	22.2	1.0	0.00	172.8	20.6	0.0	0.0	650	19-Aug
PX3A	83	232	25.45	32.2	21.1	0.0	0.00	198.7	19.2	0.0	0.0	650	20-Aug
PX3A	83	233	26.12	31.9	21.7	0.0	0.00	172.8	17.7	0.0	0.0	650	21-Aug
PX3A	83	234	26.04	32.9	19.6	0.0	0.00	146.8	15.5	0.0	0.0	650	22-Aug
PX3A	83	235	25.24	34.1	19.2	0.0	0.00	155.5	16.4	0.0	0.0	650	23-Aug
PX3A	83	236	24.89	34.0	21.1	0.0	0.00	172.8	17.6	0.0	0.0	650	24-Aug
PX3A	83	237	25.19	33.4	20.2	0.0	0.00	103.7	16.9	0.0	0.0	650	25-Aug
PX3A	83	238	24.62	34.4	21.0	0.0	0.00	146.9	17.8	0.0	0.0	650	26-Aug
PX3A	83	239	24.50	33.9	23.2	0.0	0.00	198.2	18.7	0.0	0.0	650	27-Aug
PX3A	83	240	14.03	32.9	25.1	0.0	0.00	164.2	19.5	0.0	0.0	650	28-Aug
PX3A	83	241	22.66	34.4	24.7	0.0	0.00	181.4	20.0	0.0	0.0	650	29-Aug
PX3A	83	242	23.32	35.0	24.2	0.0	0.00	129.6	20.0	0.0	0.0	650	30-Aug
PX3A	83	243	23.07	37.7	23.9	0.0	0.00	190.1	19.7	0.0	0.0	650	31-Aug
PX3A	83	244	23.01	36.6	26.6	0.0	0.00	207.4	20.4	0.0	0.0	650	01-Sep
PX3A	83	245	22.79	37.0	24.8	0.0	0.00	129.6	19.5	0.0	0.0	650	02-Sep
PX3A	83	246	23.00	37.5	26.5	0.0	0.00	129.6	18.9	0.0	0.0	650	03-Sep
PX3A	83	247	23.68	37.4	23.6	0.0	0.00	207.4	15.6	0.0	0.0	650	04-Sep
PX3A	83	248	23.71	34.9	24.2	0.0	0.00	146.9	19.9	0.0	0.0	650	05-Sep
PX3A	83	249	23.96	35.8	26.8	0.0	0.00	259.2	21.0	0.0	0.0	650	06-Sep



INSTW	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
	JUL		XTMAX		XRAIN		WIND		STMAX	CO2			
PX3A	83	250	22.53	34.3	23.8	0.0	0.00	146.9	20.2	0.0	0.0	650	07-Sep
PX3A	83	251	22.00	36.9	22.5	0.0	0.00	121.0	19.5	0.0	0.0	650	08-Sep
PX3A	83	252	21.89	35.6	23.1	0.0	0.00	112.3	19.9	0.0	0.0	650	09-Sep
PX3A	83	253	22.18	34.7	25.4	0.0	0.00	241.9	19.9	0.0	0.0	650	10-Sep
PX3A	83	254	22.17	34.2	24.6	0.0	0.00	250.6	20.0	0.0	0.0	650	11-Sep
PX3A	83	255	21.75	34.1	26.3	0.0	0.00	224.6	19.9	0.0	0.0	650	12-Sep
PX3A	83	256	21.38	34.6	22.5	0.0	0.00	172.8	18.4	0.0	0.0	650	13-Sep
PX3A	83	257	21.25	35.0	23.3	0.0	0.00	216.0	18.6	0.0	0.0	650	14-Sep
PX3A	83	258	20.71	35.0	24.2	0.0	0.00	276.5	19.3	0.0	0.0	650	15-Sep
PX3A	83	259	19.68	34.3	22.9	0.0	0.00	233.3	25.5	0.0	0.0	650	16-Sep
PX3A	83	260	20.60	34.3	22.1	0.0	0.00	164.2	29.3	0.0	0.0	650	17-Sep
PX3A	83	261	19.92	34.8	22.9	0.0	0.00	172.8	29.7	0.0	0.0	650	18-Sep
PX3A	83	262	15.73	33.5	23.3	0.0	0.00	190.1	23.5	0.0	0.0	650	19-Sep
PX3A	83	263	14.79	32.3	23.0	6.0	0.00	138.2	21.0	0.0	0.0	650	20-Sep
PX3A	83	264	21.05	34.8	19.8	0.0	0.00	129.6	17.1	0.0	0.0	650	21-Sep
PX3A	83	265	20.41	34.9	20.0	0.0	0.00	319.7	18.5	0.0	0.0	650	22-Sep
PX3A	83	266	13.83	33.8	20.4	1.0	0.00	267.8	19.1	0.0	0.0	650	23-Sep
PX3A	83	267	19.40	32.4	20.5	1.0	0.00	233.3	19.3	0.0	0.0	650	24-Sep
PX3A	83	268	18.64	34.2	19.7	0.0	0.00	121.0	17.7	0.0	0.0	650	25-Sep
PX3A	83	269	16.38	35.4	19.0	0.0	0.00	181.4	15.9	0.0	0.0	650	26-Sep
PX3A	83	270	20.59	33.8	17.5	0.0	0.00	103.7	15.9	0.0	0.0	650	27-Sep
PX3A	83	271	17.15	34.9	20.4	7.0	0.00	535.7	16.8	0.0	0.0	650	28-Sep
PX3A	83	272	3.17	21.1	17.2	0.0	0.00	432.0	17.0	0.0	0.0	650	29-Sep
PX3A	83	273	13.42	27.8	18.8	37.0	0.00	302.4	18.5	0.0	0.0	650	30-Sep
PX3A	83	274	7.40	20.6	16.8	2.0	0.00	388.8	17.4	0.0	0.0	650	01-Oct
PX3A	83	275	19.15	27.3	16.4	0.0	0.00	121.0	17.2	0.0	0.0	650	02-Oct
PX3A	83	276	19.11	21.7	19.1	0.0	0.00	198.7	18.0	0.0	0.0	650	03-Oct
PX3A	83	277	18.65	30.9	26.8	0.0	0.00	198.7	18.0	0.0	0.0	650	04-Oct
PX3A	83	278	16.50	31.0	17.9	0.0	0.00	198.7	18.2	0.0	0.0	650	05-Oct
PX3A	83	279	18.61	31.0	17.3	0.0	0.00	129.6	17.7	0.0	0.0	650	06-Oct
PX3A	83	280	18.51	31.8	17.3	0.0	0.00	181.4	17.2	0.0	0.0	650	07-Oct
PX3A	83	281	15.63	30.4	19.8	0.0	0.00	198.7	21.5	0.0	0.0	650	08-Oct
PX3A	83	282	18.97	32.5	19.8	0.0	0.00	121.0	17.2	0.0	0.0	650	09-Oct
PX3A	83	283	18.23	32.0	16.7	0.0	0.00	146.9	16.4	0.0	0.0	650	10-Oct
PX3A	83	284	18.68	32.4	15.7	0.0	0.00	121.0	13.0	0.0	0.0	650	11-Oct
PX3A	83	285	19.29	31.4	12.4	0.0	0.00	129.6	8.5	0.0	0.0	650	12-Oct
PX3A	83	286	18.14	31.4	13.2	0.0	0.00	267.8	10.6	0.0	0.0	650	13-Oct
PX3A	83	287	18.01	30.1	16.0	0.0	0.00	233.3	11.2	0.0	0.0	650	14-Oct
PX3A	83	288	17.78	29.0	13.2	0.0	0.00	216.0	11.6	0.0	0.0	650	15-Oct
PX3A	83	289	17.69	30.4	14.3	0.0	0.00	121.0	12.2	0.0	0.0	650	16-Oct
PX3A	83	290	10.61	28.8	18.0	0.0	0.00	497.7	13.9	0.0	0.0	650	17-Oct
PX3A	83	291	16.67	30.7	16.5	0.0	0.00	170.2	13.5	0.0	0.0	650	18-Oct
PX3A	83	292	11.74	30.8	19.7	0.0	0.00	188.4	13.7	0.0	0.0	650	19-Oct
PX3A	83	293	17.00	30.8	19.7	0.0	0.00	166.8	13.0	0.0	0.0	650	20-Oct
PX3A	83	294	17.12	31.2	16.0	0.0	0.00	149.5	13.2	0.0	0.0	650	21-Oct
PX3A	83	295	16.97	32.0	15.8	0.0	0.00	115.8	13.0	0.0	0.0	650	22-Oct
PX3A	83	296	16.82	32.4	16.0	0.0	0.00	182.3	13.7	0.0	0.0	650	23-Oct
PX3A	83	297	12.05	30.8	16.6	0.0	0.00	233.3	13.9	0.0	0.0	650	24-Oct
PX3A	83	298	16.12	30.2	16.8	0.0	0.00	407.8	13.2	0.0	0.0	650	25-Oct
PX3A	83	299	15.50	30.2	16.8	0.0	0.00	407.8	13.0	0.0	0.0	650	26-Oct

FILENAME: AVONDALE.CT2

SOIL PROFILE PROPERTIES FOR AVONDALE LOAM  
(ALL PLOTS EXCEPT LYSIMETERS & GRAVEL LAYER)

IDUMSL	PEDON	TAXON									
01	-9	AVONDALE LOAM (FINE-LOAMY, MIXED (CALCAREOUS), HYPERTHERMIC.									
SALB	U	SWCON	CN2	TAV	AMP	DMOD	SWCON1	SWCON2	SWCON3	RWUMX	PHFAC3
0.14	12.00	0.32	80.00	21.8	22.2	1.0	2.67E-03	58.0	6.68	0.03	1.00

DLAYR	LL	DUL	SAT	DSW	WR	BD	OC	DNH4	DNO3	DPH
5.	0.152	0.272	0.370	0.272	1.000	1.45	0.45	0.0	20.0	7.7
5.	0.153	0.272	0.360	0.272	0.861	1.50	0.45	0.0	20.0	7.7
10.	0.159	0.279	0.360	0.279	0.741	1.52	0.45	0.0	20.0	7.7
10.	0.164	0.285	0.365	0.285	0.607	1.51	0.45	0.0	16.0	7.7
20.	0.164	0.288	0.369	0.288	0.449	1.50	0.30	0.0	13.0	8.0
20.	0.163	0.289	0.372	0.289	0.301	1.48	0.20	0.0	10.0	8.0
30.	0.159	0.285	0.371	0.285	0.183	1.48	0.10	0.0	10.0	8.0
30.	0.172	0.298	0.379	0.298	0.100	1.47	0.00	0.0	10.0	8.0
30.	0.189	0.316	0.390	0.316	0.055	1.46	0.00	0.0	10.0	8.0
30.	0.189	0.316	0.390	0.316	0.030	1.46	0.00	0.0	10.0	8.0

-1.

ROCK	SILT		SCOND		CATEXC	ALPHA	XN	VGTHS	VGTHR
	SAND	CLAY							
0.0	34.6	43.9	21.5	20.0	287.0	3.380	1.184	0.384	0.043
0.0	34.6	43.9	21.5	15.0	287.0	3.380	1.184	0.371	0.042
0.0	31.4	45.9	22.8	10.0	305.0	3.380	1.184	0.366	0.041
0.0	28.1	47.9	24.0	7.0	321.0	3.380	1.184	0.369	0.041
0.0	27.4	47.7	24.9	7.2	333.0	3.380	1.184	0.371	0.042
0.0	29.1	45.7	25.3	7.3	338.0	3.380	1.184	0.376	0.042
0.0	34.4	40.6	25.1	7.3	335.0	3.380	1.184	0.376	0.042
0.0	36.2	35.1	28.8	7.3	385.0	3.380	1.184	0.379	0.042
0.0	29.4	37.5	33.0	7.3	441.0	3.380	1.184	0.381	0.043
0.0	29.4	37.5	33.0	7.3	441.0	3.380	1.184	0.381	0.043

DATAID  
AVONDALE LOAM (FINE-LOAMY, MIXED (CALCAREOUS), HYPERTHERMIC.

LYRSOL  
1

DIFFO	THETA0	BETA	GLAYR	THETAS	FC	THETAR	AIRDR	ETA	GBD	PSIBUB
0.18E-08	0.145	34.0	0.19E+03	0.45	0.26	0.23	0.03	2.90	1.49	1.00
0.18E-08	0.145	34.0		0.45	0.26	0.23	0.03	2.90	1.49	1.00
0.18E-08	0.145	34.0		0.45	0.26	0.23	0.03	2.90	1.49	1.00

TD	THETA1	BDSLOP	BDRATO	PSISFC
47	0.240	0.00	1.00	33.0

SNAME  
Norfolk silt loam

NCURVE  
7

INRIM GH2OC  
6 0.05

TSTBD TSTIMP  
0.9 0.1  
1.1 5.4  
1.3 16.2  
1.5 36.0  
1.7 62.0  
1.9 93.0

INRIM GH2OC  
6 0.07

TSTBD TSTIMP  
0.9 0.1  
1.1 2.5  
1.3 7.8  
1.5 22.6  
1.7 44.5  
1.9 71.3

INRIM GH2OC  
6 0.09

TSTBD TSTIMP  
0.9 0.1  
1.1 1.0  
1.3 2.3  
1.5 12.8  
1.7 30.4  
1.9 52.6

INRIM GH2OC  
6 0.11

TSTBD TSTIMP  
0.9 0.1  
1.1 0.9  
1.3 1.7  
1.5 7.5  
1.7 21.5  
1.9 31.2

INRIM GH2OC  
6 0.13

TSTBD TSTIMP  
0.9 0.1  
1.1 0.5  
1.3 1.0  
1.5 5.6  
1.7 15.2  
1.9 29.8

INRIM GH2OC  
6 0.15

TSTBD TSTIMP  
0.9 0.1  
1.1 0.2  
1.3 0.5  
1.5 4.9  
1.7 13.9  
1.9 27.7

INRIM GH2OC  
6 0.30

TSTBD TSTIMP  
0.9 0.1  
1.1 0.2  
1.3 0.5  
1.5 0.9  
1.7 1.1  
1.9 1.3

FILENAME: AVONLYSM.CT2

SOIL PROFILE PROPERTIES FOR AVONDALE LOAM  
IN THE USWCL LYSIMETERS (150 CM DEEP)

IDUMSL	PEDON	TAXON									
01	-9	AVONDALE LOAM IN 150 CM LYSIMETER. ASSUME ROCK BELOW.									
SALB	U	SWCON	CN2	TAV	AMP	DMOD	SWCON1	SWCON2	SWCON3	RWUMX	PHFAC3
0.14	12.00	0.32	80.00	21.8	22.2	1.0	2.67E-03	58.0	6.68	0.03	1.00

DLAYR	LL	DUL	SAT	DSW	WR	BD	OC	DNH4	DNO3	DPH
5.	0.152	0.272	0.370	0.272	1.000	1.45	0.45	0.0	20.0	7.7
5.	0.153	0.272	0.360	0.272	0.861	1.50	0.45	0.0	20.0	7.7
10.	0.159	0.279	0.360	0.279	0.741	1.52	0.45	0.0	20.0	7.7
10.	0.164	0.285	0.365	0.285	0.607	1.51	0.45	0.0	16.0	7.7
20.	0.164	0.288	0.369	0.288	0.449	1.50	0.30	0.0	13.0	8.0
20.	0.163	0.289	0.372	0.289	0.301	1.48	0.20	0.0	10.0	8.0
30.	0.159	0.285	0.371	0.285	0.183	1.48	0.10	0.0	10.0	8.0
30.	0.172	0.298	0.379	0.298	0.100	1.47	0.00	0.0	10.0	8.0
20.	0.189	0.316	0.390	0.316	0.055	1.46	0.00	0.0	10.0	8.0
40.	0.000	0.000	0.000	0.000	0.000	2.72	0.00	0.0	10.0	8.0

-1.

ROCK	SILT		SCOND		CATEXC	ALPHA	XN	VGTHS	VGTHR
	SAND	CLAY							
0.0	34.6	43.9	21.5	20.0	287.0	3.380	1.184	0.384	0.043
0.0	34.6	43.9	21.5	15.0	287.0	3.380	1.184	0.371	0.042
0.0	31.4	45.9	22.8	10.0	305.0	3.380	1.184	0.366	0.041
0.0	28.1	47.9	24.0	7.0	321.0	3.380	1.184	0.369	0.041
0.0	27.4	47.7	24.9	7.2	333.0	3.380	1.184	0.371	0.042
0.0	29.1	45.7	25.3	7.3	338.0	3.380	1.184	0.376	0.042
0.0	34.4	40.6	25.1	7.3	335.0	3.380	1.184	0.376	0.042
0.0	36.2	35.1	28.8	7.3	385.0	3.380	1.184	0.379	0.042
0.0	29.4	37.5	33.0	7.3	441.0	3.380	1.184	0.381	0.043
99.9	00.1	00.0	00.0	0.0	000.0	3.380	1.184	0.000	0.000

DATAID

AVONDALE LOAM IN 150 CM DEEP LYSIMETER

LYRSOL

1

DIFFO	THETA0	BETA	GLAYR	THETAS	FC	THETAR	AIRDR	ETA	GBD	PSIBUB
0.18E-08	0.145	34.0	0.15E+03	0.45	0.26	0.23	0.03	2.90	1.49	1.00
0.18E-08	0.145	34.0		0.45	0.26	0.23	0.03	2.90	1.49	1.00
0.18E-08	0.145	34.0		0.45	0.26	0.23	0.03	2.90	1.49	1.00

TD	THETA1	BDSLOP	BDRATO	PSISFC
47	0.240	0.00	1.00	33.0

SNAME  
Norfolk silt loam

NCURVE  
7

INRIM GH2OC  
6 0.05

TSTBD TSTIMP  
0.9 0.1  
1.1 5.4  
1.3 16.2  
1.5 36.0  
1.7 62.0  
1.9 93.0

INRIM GH2OC  
6 0.07

TSTBD TSTIMP  
0.9 0.1  
1.1 2.5  
1.3 7.8  
1.5 22.6  
1.7 44.5  
1.9 71.3

INRIM GH2OC  
6 0.09

TSTBD TSTIMP  
0.9 0.1  
1.1 1.0  
1.3 2.3  
1.5 12.8  
1.7 30.4  
1.9 52.6

INRIM GH2OC  
6 0.11

TSTBD TSTIMP  
0.9 0.1  
1.1 0.9  
1.3 1.7  
1.5 7.5  
1.7 21.5  
1.9 31.2

INRIM GH2OC  
6      0.13

TSTBD    TSTIMP  
0.9      0.1  
1.1      0.5  
1.3      1.0  
1.5      5.6  
1.7      15.2  
1.9      29.8

INRIM GH2OC  
6      0.15

TSTBD    TSTIMP  
0.9      0.1  
1.1      0.2  
1.3      0.5  
1.5      4.9  
1.7      13.9  
1.9      27.7

INRIM GH2OC  
6      0.30

TSTBD    TSTIMP  
0.9      0.1  
1.1      0.2  
1.3      0.5  
1.5      0.9  
1.7      1.1  
1.9      1.3

FILENAME: PX4A8301.CT4

SOIL ORGANIC RESIDUE (ALL PLOTS)

<u>ID</u>	<u>TRTNO</u>	<u>STRAW</u>	<u>SDEP</u>	<u>SCN</u>	<u>ROOT</u>
PX4A8301	01	720.	10.	80.	1440.

FILENAME: PX4A8301.CT5

SOIL PROFILE INITIAL CONDITIONS  
(ALL PLOTS EXCEPT LYSIMETERS)

<u>TRTNO</u>	<u>ID</u>
01	PX4A8301

<u>DLAYR</u>	<u>SW</u>	<u>NH4</u>	<u>NO3</u>	<u>PH</u>
5.	0.150	0.0	22.7	7.7
5.	0.200	0.0	22.7	7.7
10.	0.240	0.0	22.7	7.7
10.	0.280	0.0	15.0	7.7
20.	0.280	0.0	10.0	8.0
20.	0.280	0.0	10.0	8.0
30.	0.240	0.0	10.0	8.0
30.	0.240	0.0	10.0	8.0
30.	0.240	0.0	10.0	8.0
30.	0.240	0.0	10.0	8.0
-1.				

FILENAME: PX4L8301.CT5

SOIL PROFILE INITIAL CONDITIONS FOR LYSIMETERS

<u>TRTNO</u>	<u>ID</u>
01	PX4L8301

<u>DLAYR</u>	<u>SW</u>	<u>NH4</u>	<u>NO3</u>	<u>PH</u>
5.	0.150	0.0	22.7	7.7
5.	0.200	0.0	22.7	7.7
10.	0.240	0.0	22.7	7.7
10.	0.280	0.0	15.0	7.7
20.	0.280	0.0	10.0	8.0
20.	0.280	0.0	10.0	8.0
30.	0.240	0.0	10.0	8.0
30.	0.240	0.0	10.0	8.0
20.	0.240	0.0	10.0	8.0
40.	0.000	0.0	0.0	8.0
-1.				



FILENAME: PX4A8301.CT6

IRRIGATION FOR ALL PLOTS EXCEPT LYSIMETERS

TRTNO ID  
01 PX4A8301

<u>JDIRR</u>	<u>AMTIRR</u>	<u>IRRCOD</u>	<u>X1IRR</u>	<u>Z1IRR</u>	<u>X2IRR</u>	<u>Z2IRR</u>
153	100.	3	0.0	0.0	100.0	0.0
164	120.	3	0.0	0.0	100.0	0.0
171	84.	3	0.0	0.0	100.0	0.0
189	120.	3	0.0	0.0	100.0	0.0
208	123.	3	0.0	0.0	100.0	0.0
222	111.	3	0.0	0.0	100.0	0.0
236	120.	3	0.0	0.0	100.0	0.0
250	120.	3	0.0	0.0	100.0	0.0
264	120.	3	0.0	0.0	100.0	0.0

-1

FILENAME: PX2L8301.CT6

IRRIGATION FOR LYSIMETER 1

TRTNO ID  
01 PX2L8301

<u>JDIRR</u>	<u>AMTIRR</u>	<u>IRRCOD</u>	<u>X1IRR</u>	<u>Z1IRR</u>	<u>X2IRR</u>	<u>Z2IRR</u>
153	70.	3	0.0	0.0	100.0	0.0
164	120.	3	0.0	0.0	100.0	0.0
171	75.	3	0.0	0.0	100.0	0.0
189	120.	3	0.0	0.0	100.0	0.0
208	72.	3	0.0	0.0	100.0	0.0
222	130.	3	0.0	0.0	100.0	0.0
236	100.	3	0.0	0.0	100.0	0.0
250	130.	3	0.0	0.0	100.0	0.0
264	134.	3	0.0	0.0	100.0	0.0

-1

FILENAME: PX3L8301.CT6

IRRIGATION FOR LYSIMETER 2

TRTNO ID  
01 PX3L8301

<u>JDIRR</u>	<u>AMTIRR</u>	<u>IRRCOD</u>	<u>X1IRR</u>	<u>Z1IRR</u>	<u>X2IRR</u>	<u>Z2IRR</u>
153	70.	3	0.0	0.0	100.0	0.0
164	120.	3	0.0	0.0	100.0	0.0
171	75.	3	0.0	0.0	100.0	0.0
189	120.	3	0.0	0.0	100.0	0.0
208	72.	3	0.0	0.0	100.0	0.0
222	110.	3	0.0	0.0	100.0	0.0
236	95.	3	0.0	0.0	100.0	0.0
250	120.	3	0.0	0.0	100.0	0.0
264	117.	3	0.0	0.0	100.0	0.0

-1

FILENAME: PX4L8301.CT6

IRRIGATION FOR LYSIMETER 3

TRTNO ID

01 PX4L8301

<u>JDIRR</u>	<u>AMTIRR</u>	<u>IRRCOD</u>	<u>X1IRR</u>	<u>Z1IRR</u>	<u>X2IRR</u>	<u>Z2IRR</u>
153	70.	3	0.0	0.0	100.0	0.0
164	120.	3	0.0	0.0	100.0	0.0
171	75.	3	0.0	0.0	100.0	0.0
189	120.	3	0.0	0.0	100.0	0.0
208	72.	3	0.0	0.0	100.0	0.0
222	65.	3	0.0	0.0	100.0	0.0
236	120.	3	0.0	0.0	100.0	0.0
250	153.	3	0.0	0.0	100.0	0.0
264	153.	3	0.0	0.0	100.0	0.0

-1

FILENAME: PX4A8301.CT7

FERTILIZER MANAGEMENT (ALL PLOTS)

TRTNO ID

01 PX4A8301

<u>JDFERT</u>	<u>FERTN</u>	<u>DFERT</u>	<u>INTYPE</u>	<u>IPTYPE</u>	<u>IKTYPE</u>	<u>IITYPE</u>	<u>X1FERT</u>	<u>X2FERT</u>	<u>Z1FERT</u>	<u>Z2FERT</u>				
157	124.0	10.0	5	0.0	0	0.0	0	0.0	0	2	0.0	0.0	100.0	10.0

-1

FILENAME: PX4A8301.CT8 TREATMENT MANAGEMENT FILE

<u>ID</u>	<u>TRTNO</u>	<u>TITLET</u>							<u>ISOILT</u>	<u>IVARTY</u>				
PX4A8301	01	NO CHAMBER, REP#1							1	70				
		(ISWEED, ISWINS, ISWNEM & ISWDIS) options												
	ISOW	ROWSPC	IIRR	EFFIRR	THETAC									
<u>ISIM</u>	<u>PLANTS</u>	<u>SDEPTH</u>	<u>ISWNIT</u>	<u>DSOIL</u>	<u>IMERGE</u>									
164	160	10.00	1.000	5.00	2	1	0.95	0.00	0.0	164	0	0	0	0

HISTORY  
WINTER WHEAT

FILENAME: PX2C8301.CT8 TREATMENT MANAGEMENT FILE

<u>ID</u>	<u>TRTNO</u>	<u>TITLET</u>							<u>ISOILT</u>	<u>IVARTY</u>				
PX2C8301	01	NO CHAMBER, REP #2							1	70				
		(ISWEED, ISWINS, ISWNEM & ISWDIS) options												
	ISOW	ROWSPC	IIRR	EFFIRR	THETAC									
<u>ISIM</u>	<u>PLANTS</u>	<u>SDEPTH</u>	<u>ISWNIT</u>	<u>DSOIL</u>	<u>IMERGE</u>									
164	160	10.00	1.000	5.00	2	1	0.95	0.00	0.0	164	0	0	0	0

HISTORY  
WINTER WHEAT

FILENAME: PX4B8301.CT8 TREATMENT MANAGEMENT FILE

<u>ID</u>	<u>TRTNO</u>	<u>TITLET</u>							<u>ISOILT</u>	<u>IVARTY</u>				
PX4B8301	01	CO2 = AMBIENT, REP#1, CONTAINS LYSIMETER #3							1	70				
		(ISWEED, ISWINS, ISWNEM & ISWDIS) options												
	ISOW	ROWSPC	IIRR	EFFIRR	THETAC									
<u>ISIM</u>	<u>PLANTS</u>	<u>SDEPTH</u>	<u>ISWNIT</u>	<u>DSOIL</u>	<u>IMERGE</u>									
164	160	10.00	1.000	5.00	2	1	0.95	0.00	0.0	164	0	0	0	0

HISTORY  
WINTER WHEAT

FILENAME: PX3C8301.CT8 TREATMENT MANAGEMENT FILE

ID	TRTNO	TITLET	ISOILT	IVARTY
PX3C8301	01	CO2 = AMBIENT, REP#2	1	70

ISOW	ROWSPC	IIRR	EFFIRR	THETAC	(ISWEED, ISWINS, ISWNEM & ISWDIS) options
ISIM	PLANTS	SDEPTH	ISWNIT	DSOIL	IMERGE
164	160	10.00	1.000	5.00	2 1 0.95 0.00 0.0
					164 0 0 0 0

HISTORY  
WINTER WHEAT

FILENAME: PX3B8301.CT8 TREATMENT MANAGEMENT FILE

ID	TRTNO	TITLET	ISOILT	IVARTY
PX3B8301	01	CO2=500 ppm, REP#1, CONTAINS LYSIMETER #2	1	70

ISOW	ROWSPC	IIRR	EFFIRR	THETAC	(ISWEED, ISWINS, ISWNEM & ISWDIS) options
ISIM	PLANTS	SDEPTH	ISWNIT	DSOIL	IMERGE
164	160	10.00	1.000	5.00	2 1 0.95 0.00 0.0
					164 0 0 0 0

HISTORY  
WINTER WHEAT

FILENAME: PX4C8301.CT8 TREATMENT MANAGEMENT FILE

ID	TRTNO	TITLET	ISOILT	IVARTY
PX4C8301	01	CO2 = 500 ppm, REP#2	1	70

ISOW	ROWSPC	IIRR	EFFIRR	THETAC	(ISWEED, ISWINS, ISWNEM & ISWDIS) options
ISIM	PLANTS	SDEPTH	ISWNIT	DSOIL	IMERGE
164	160	10.00	1.000	5.00	2 1 0.95 0.00 0.0
					164 0 0 0 0

HISTORY  
WINTER WHEAT

FILENAME: PX2B8301.CT8 TREATMENT MANAGEMENT FILE

<u>ID</u>	<u>TRTNO</u>	<u>TITLET</u>	<u>ISOILT</u>	<u>IVARTY</u>										
PX2B8301	01	CO2=650 ppm, REP #1, CONTAINS LYSIMETER #1	1	70										
		(ISWEED, ISWINS, ISWNEM & ISWDIS) options												
	ISOW	ROWSPC	IIRR	EFFIRR	THETAC									
<u>ISIM</u>	<u>PLANTS</u>	<u>SDEPTH</u>	<u>ISWNIT</u>	<u>DSOIL</u>	<u>IMERGE</u>									
164	160	10.00	1.000	5.00	2	1	0.95	0.00	0.0	164	0	0	0	0

HISTORY  
WINTER WHEAT

FILENAME: PX3A8301.CT8 TREATMENT MANAGEMENT FILE

<u>ID</u>	<u>TRTNO</u>	<u>TITLET</u>	<u>ISOILT</u>	<u>IVARTY</u>										
PX3A8301	01	CO2 = 650 ppm, REP#2	1	70										
		(ISWEED, ISWINS, ISWNEM & ISWDIS) options												
	ISOW	ROWSPC	IIRR	EFFIRR	THETAC									
<u>ISIM</u>	<u>PLANTS</u>	<u>SDEPTH</u>	<u>ISWNIT</u>	<u>DSOIL</u>	<u>IMERGE</u>									
164	160	10.00	1.000	5.00	2	1	0.95	0.00	0.0	164	0	0	0	0

HISTORY  
WINTER WHEAT

FILENAME: PX4A8301.CTA

FINAL HARVEST DATA FILE (NO CHAMBER, REP #1)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX4A8301	01	600.	1200.	0.0787	68.	22.	4.0	6880.	-9.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX2C8301.CTA

FINAL HARVEST DATA FILE (NO CHAMBER, REP #2)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX2C8301	01	500.	1100.	0.0711	63.	21.	4.3	7600.	-9.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX4B8301.CTA

FINAL HARVEST DATA FILE (AMBIENT, REP #1)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX4B8301	01	1040.	1600.	0.0762	84.	22.	6.1	8680.	-9.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX4L8301.CTA

FINAL HARVEST DATA FILE (AMBIENT, REP #1, LYSIMETER)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX4L8301	01	920.	1540.	0.0923	74.	16.	-9.0	10520.	-9.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX3C8301.CTA FINAL HARVEST DATA FILE (AMBIENT,REP #2)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX3C8301	01	1020.	1540.	0.0790	80.	20.	4.4	8760.	-9.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX3B8301.CTA FINAL HARVEST DATA FILE (CO2=500,REP #1)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX3B8301	01	1670.	2640.	0.0864	123.	22.	8.5	13460.	-9.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX3L8301.CTA FINAL HARVEST DATA FILE (CO2=500,REP #1,LYSIMETER)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX3L8301	01	1130.	1720.	0.0828	95.	15.	-9.0	12310.	-9.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX4C8301.CTA FINAL HARVEST DATA FILE (CO2=500,REP #2)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX4C8301	01	1010.	1500.	0.0857	70.	27.	4.6	8340.	-9.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX2B8301.CTA

FINAL HARVEST DATA FILE (CO2=650,REP #1)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX2B8301	01	1720.	3670.	0.0884	156.	25.	8.1	16290.	-9.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX2L8301.CTA

FINAL HARVEST DATA FILE (CO2=650,REP #1,LYSIMETER)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX2L8301	01	1900.	2890.	0.0820	144.	23.	-9.0	13350.	-9.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX3A8301.CTA

FINAL HARVEST DATA FILE (CO2=650,REP #2)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX3A8301	01	1220.	2460.	0.0862	101.	21.	9.3	12320.	-9.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0



FILENAME: PX4A8301.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(NO CHAMBER, REP #1)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX4A8301 01 164 199 230

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

JDOY	XPLTHT	XLAI	JNNODM	JNFLWM	JNMBLM	JNABSM	XWLEFH	XWSTMH	XWROTH	XWGBLH	XWMBLH		
199	10.	0.18	73	10	0	0	0	112.	40.	-9.	0.	0.	
206	13.	0.20	83	3	0	0	0	100.	38.	-9.	0.	0.	
213	27.	1.01	130	123	1	0	0	491.	319.	-9.	0.	0.	
220	47.	1.95	153	203	2	3	0	40	960.	863.	-9.	0.	
234	66.	3.02	190	213	8	27	0	63	1392.	1305.	-9.	173.	
249	93.	3.97	220	167	5	97	0	133	2209.	2891.	-9.	1024.	
299	81.	-9.00	199	-9	-9	3	68	-9	-9.	-9.	480.	90.	2650.

-1

FILENAME: PX2C8301.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(NO CHAMBER, REP #2)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX2C8301 01 164 199 230

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

JDOY	XPLTHT	XLAI	JNNODM	JNFLWM	JNMBLM	JNABSM	XWLEFH	XWSTMH	XWROTH	XWGBLH	XWMBLH		
199	17.	0.39	103	47	0	0	0	233.	99.	-9.	0.	0.	
206	38.	1.17	137	133	0	0	0	37	600.	423.	-9.	0.	
213	42.	1.74	167	230	1	0	0	57	962.	775.	-9.	0.	
220	54.	2.44	170	250	4	10	0	37	1163.	1124.	-9.	0.	
234	71.	4.32	207	337	5	107	0	147	2026.	2241.	-9.	1281.	
249	87.	3.63	250	123	3	110	0	190	1709.	2930.	-9.	2040.	
299	85.	-9.00	235	-9	-9	10	63	-9	-9.	-9.	630.	250.	2380.

-1

FILENAME: PX4B8301.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(AMBIENT, REP #1)

	TRTNO	JSQRJD		
ID	JEMRGD	JFLRJD		
PX4B8301	01	164	199	232

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

JDOY	XPLTHT	XLAI	JNNODM	JNFLWM	JNMBLM	JNABSM	XWLEFH	XWSTMH	XWROTH	XWGBLH	XWMBLH
199	18.	0.36	107	20	0	0	0	169.	76.	-9.	0.
206	21.	0.36	113	7	0	0	0	20	162.	87.	-9.
213	43.	1.22	150	280	0	0	0	57	609.	524.	-9.
220	77.	3.86	207	387	1	3	0	63	1425.	1663.	-9.
234	91.	4.69	237	380	6	23	0	80	2324.	2502.	-9.
249	117.	6.06	257	247	6	110	0	97	2477.	3481.	-9.
299	93.	-9.00	248	-9	-9	39	353	-9	-9.	-9.	810.

-1

FILENAME: PX4L8301.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(AMBIENT, REP #1, LYSIMETER)

	TRTNO	JSQRJD		
ID	JEMRGD	JFLRJD		
PX4L8301	01	164	192	227

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

JDOY	XPLTHT	XLAI	JNNODM	JNFLWM	JNMBLM	JNABSM	XWLEFH	XWSTMH	XWROTH	XWGBLH	XWMBLH
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-1

FILENAME: PX3C8301.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(AMBIENT, REP #2)

	TRTNO	JSQRJD		
ID	JEMRGD	JFLRJD		
PX3C8301	01	164	199	232

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

JDOY	XPLTHT	XLAI	JNNODM	JNFLWM	JNMBLM	JNABSM	XWLEFH	XWSTMH	XWROTH	XWGBLH	XWMBLH
199	11.	0.18	80	10	0	0	0	103.	39.	-9.	0.
206	19.	0.56	120	40	0	0	0	10	259.	125.	-9.
213	28.	0.93	150	53	1	0	0	40	461.	269.	-9.
220	36.	1.28	170	130	1	7	0	17	606.	489.	-9.
234	72.	4.39	217	343	5	57	0	87	2007.	2264.	-9.
249	88.	3.42	223	247	6	63	0	77	1517.	1896.	-9.
299	81.	-9.00	257	167	-9	20	80	-9	-9.	-9.	570.

-1

FILENAME: PX3B8301.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(CO2=500, REP #1)

	TRTNO	JSQRJD		
ID	JEMRGD	JFLRJD		
PX3B8301	01	164	195	227

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

JDOY	XPLTHT	XLAI	JNNODM	JNSORM	JNFLWM	JNGBLM	JNMBLM	JNABSM	XWLEFH	XWSTMH	XWROTH	XWGBLH	XWMBLH
199	20.	0.59	113	50	0	0	0	3	343.	158.	-9.	0.	0.
206	33.	0.66	120	37	0	0	0	10	301.	215.	-9.	0.	0.
213	57.	1.97	163	190	1	0	0	50	1042.	978.	-9.	0.	0.
220	70.	4.36	187	483	3	23	0	57	1877.	2692.	-9.	0.	0.
234	109.	6.10	237	420	7	70	0	117	2693.	3861.	-9.	154.	0.
249	108.	8.52	243	193	7	167	0	227	4223.	6357.	-9.	2077.	0.
299	99.	-9.00	233	-9	-9	19	123	-9	-9.	-9.	1130.	710.	5680.

-1

FILENAME: PX3L8301.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(CO2=500, REP #1, LYSIMETER)

	TRTNO	JSQRJD		
ID	JEMRGD	JFLRJD		
PX3L8301	01	164	195	227

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

JDOY	XPLTHT	XLAI	JNNODM	JNSORM	JNFLWM	JNGBLM	JNMBLM	JNABSM	XWLEFH	XWSTMH	XWROTH	XWGBLH	XWMBLH
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-1

FILENAME: PX4C8301.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(CO2=500, REP #2)

	TRTNO	JSQRJD		
ID	JEMRGD	JFLRJD		
PX4C8301	01	164	195	227

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

JDOY	XPLTHT	XLAI	JNNODM	JNSORM	JNFLWM	JNGBLM	JNMBLM	JNABSM	XWLEFH	XWSTMH	XWROTH	XWGBLH	XWMBLH
199	18.	0.34	90	33	0	0	0	0	206.	98.	-9.	0.	0.
206	32.	0.88	123	73	0	0	0	17	357.	225.	-9.	0.	0.
213	40.	1.37	140	177	0	3	0	43	746.	632.	-9.	0.	0.
220	57.	2.66	177	373	1	20	0	80	1352.	1525.	-9.	0.	0.
234	80.	4.63	223	450	8	127	0	53	2442.	3014.	-9.	715.	0.
249	127.	4.52	257	167	7	290	0	420	2414.	3753.	-9.	5099.	0.
299	82.	-9.00	220	-9	-9	28	70	-9	-9.	-9.	630.	940.	3380.

-1

FILENAME: PX2B8301.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(CO2=650, REP #1)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX2B8301 01 164 192 227

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

JDOY	XPLTHT	XLAI	JNNODM	JNFLWM	JNMBLM	JNABSM	XWLEFH	XWSTMH	XWROTH	XWGBLH	XWMBLH		
199	27.	0.72	117	70	0	0	7	466.	230.	-9.	0.	0.	
206	48.	1.24	150	93	0	0	40	591.	504.	-9.	0.	0.	
213	83.	4.73	203	523	2	0	213	2550.	3066.	-9.	0.	0.	
220	90.	5.78	203	583	8	27	0	90	2750.	3644.	-9.	0.	
234	112.	5.85	233	523	10	97	0	133	3310.	4912.	-9.	460.	
249	132.	8.08	257	117	4	330	0	423	5150.	8202.	-9.	6345.	
299	136.	-9.00	189	-9	-9	13	156	-9	-9.	-9.	1670.	500.	7180.

-1

FILENAME: PX2L8301.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(CO2=650, REP #1, LYSIMETER)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX2L8301 01 164 192 227

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

JDOY	XPLTHT	XLAI	JNNODM	JNFLWM	JNMBLM	JNABSM	XWLEFH	XWSTMH	XWROTH	XWGBLH	XWMBLH
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-1

FILENAME: PX3A8301.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(CO2=650, REP #2)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX3A8301 01 164 192 227

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

JDOY	XPLTHT	XLAI	JNNODM	JNFLWM	JNMBLM	JNABSM	XWLEFH	XWSTMH	XWROTH	XWGBLH	XWMBLH		
199	10.	0.13	67	7	0	0	0	89.	33.	-9.	0.	0.	
206	24.	0.61	117	80	0	0	0	308.	168.	-9.	0.	0.	
213	40.	1.48	157	140	0	0	73	1151.	729.	-9.	0.	0.	
220	62.	4.58	183	460	1	3	0	63	2124.	1882.	-9.	0.	
234	96.	3.63	220	327	8	33	0	80	1978.	2494.	-9.	87.	
249	111.	9.31	257	417	9	350	0	553	4699.	8662.	-9.	5396.	
299	99.	-9.00	208	-9	-9	38	101	-9	-9.	-9.	780.	1340.	4940.

-1

1984 DATA

FILENAME: CTEXP84.DIR

EXPERIMENT FILE DIRECTORY FOR 1984

EXPID , EXPERIMENT DESCRIPTION, WEATHER FILE, SOIL FILE,  
SOIL NITR., INITIAL SOIL, IRRIGATION, NITR. FERT, CROP MANAGMENT, GENETICS,  
FINAL HARVEST, INTER GROWTH, OUTPUT 1, OUTPUT 2, OUTPUT 3, OUTPUT 4

PX088401 1984, CO2=NO CHAMBER,IRG=DRY,REP=1 PX080407.W84 AVONDALE.CT2  
PX088401.CT4 PX088401.CT5 PX088401.CT6 PX088401.CT7 PX088401.CT8 GENETICS.CT9  
PX088401.CTA PX088401.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX118401 1984, CO2=NO CHAMBER,IRG=DRY,REP=2 PX110407.W84 AVONDALE.CT2  
PX088401.CT4 PX088401.CT5 PX118401.CT6 PX088401.CT7 PX118401.CT8 GENETICS.CT9  
PX118401.CTA PX118401.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX018401 1984, CO2=NO CHAMBER,IRG=WET,REP=1 PX010407.W84 AVONDALE.CT2  
PX088401.CT4 PX088401.CT5 PX018401.CT6 PX088401.CT7 PX018401.CT8 GENETICS.CT9  
PX018401.CTA PX018401.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX138401 1984, CO2=NO CHAMBER,IRG=WET,REP=2 PX130407.W84 AVONGRAV.CT2  
PX088401.CT4 PX138401.CT5 PX138401.CT6 PX088401.CT7 PX138401.CT8 GENETICS.CT9  
PX138401.CTA PX138401.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX068401 1984, CO2=AMBIENT,IRG=DRY,REP=1 PX060407.W84 AVONDALE.CT2  
PX088401.CT4 PX088401.CT5 PX088401.CT6 PX088401.CT7 PX068401.CT8 GENETICS.CT9  
PX068401.CTA PX068401.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX128401 1984, CO2=AMBIENT,IRG=DRY,REP=2 PX120407.W84 AVONDALE.CT2  
PX088401.CT4 PX088401.CT5 PX118401.CT6 PX088401.CT7 PX128401.CT8 GENETICS.CT9  
PX128401.CTA PX128401.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX038401 1984, CO2=AMBIENT,IRG=WET,REP=1 PX030407.W84 AVONDALE.CT2  
PX088401.CT4 PX088401.CT5 PX018401.CT6 PX088401.CT7 PX038401.CT8 GENETICS.CT9  
PX038401.CTA PX038401.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX148401 1984, CO2=AMBIENT,IRG=WET,REP=2 PX140407.W84 AVONGRAV.CT2  
PX088401.CT4 PX138401.CT5 PX138401.CT6 PX088401.CT7 PX148401.CT8 GENETICS.CT9  
PX148401.CTA PX148401.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX058401 1984, CO2= 500,IRG=DRY,REP=1 PX050407.W84 AVONDALE.CT2  
PX088401.CT4 PX088401.CT5 PX088401.CT6 PX088401.CT7 PX058401.CT8 GENETICS.CT9  
PX058401.CTA PX058401.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX108401 1984, CO2= 500,IRG=DRY,REP=2 PX100407.W84 AVONDALE.CT2  
PX088401.CT4 PX088401.CT5 PX118401.CT6 PX088401.CT7 PX108401.CT8 GENETICS.CT9  
PX108401.CTA PX108401.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX028401 1984, CO2= 500,IRG=WET,REP=1 PX020407.W84 AVONDALE.CT2  
 PX088401.CT4 PX088401.CT5 PX018401.CT6 PX088401.CT7 PX028401.CT8 GENETICS.CT9  
 PX028401.CTA PX028401.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX168401 1984, CO2= 500,IRG=WET,REP=2 PX160407.W84 AVONGRAV.CT2  
 PX088401.CT4 PX138401.CT5 PX138401.CT6 PX088401.CT7 PX168401.CT8 GENETICS.CT9  
 PX168401.CTA PX168401.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX078401 1984, CO2= 650,IRG=DRY,REP=1 PX070407.W84 AVONDALE.CT2  
 PX088401.CT4 PX088401.CT5 PX088401.CT6 PX088401.CT7 PX078401.CT8 GENETICS.CT9  
 PX078401.CTA PX078401.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX098401 1984, CO2= 650,IRG=DRY,REP=2 PX090407.W84 AVONDALE.CT2  
 PX088401.CT4 PX088401.CT5 PX118401.CT6 PX088401.CT7 PX098401.CT8 GENETICS.CT9  
 PX098401.CTA PX098401.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX048401 1984, CO2= 650,IRG=WET,REP=1 PX040407.W84 AVONDALE.CT2  
 PX088401.CT4 PX088401.CT5 PX018401.CT6 PX088401.CT7 PX048401.CT8 GENETICS.CT9  
 PX048401.CTA PX048401.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX158401 1984, CO2= 650,IRG=WET,REP=2 PX150407.W84 AVONGRAV.CT2  
 PX088401.CT4 PX138401.CT5 PX138401.CT6 PX088401.CT7 PX158401.CT8 GENETICS.CT9  
 PX158401.CTA PX158401.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

FILENAME: WTH84.DIR

WEATHER FILE DIRECTORY FOR 1984

WTHID	WEATHER STATION DESCRIPTION	BEGDATE	ENDDATE	WEATHER FILE
PX08	PHOENIX,AZ,CO2=NO CHAMBER,IRG=DRY,REP=1	04/06/84	10/16/84	PX080407.W84
PX11	PHOENIX,AZ,CO2=NO CHAMBER,IRG=DRY,REP=2	04/06/84	10/16/84	PX110407.W84
PX01	PHOENIX,AZ,CO2=NO CHAMBER,IRG=WET,REP=1	04/06/84	10/16/84	PX010407.W84
PX13	PHOENIX,AZ,CO2=NO CHAMBER,IRG=WET,REP=2	04/06/84	10/16/84	PX130407.W84
PX06	PHOENIX,AZ,CO2=AMBIENT,IRG=DRY,REP=1	04/06/84	10/16/84	PX060407.W84
PX12	PHOENIX,AZ,CO2=AMBIENT,IRG=DRY,REP=2	04/06/84	10/16/84	PX120407.W84
PX03	PHOENIX,AZ,CO2=AMBIENT,IRG=WET,REP=1	04/06/84	10/16/84	PX030407.W84
PX14	PHOENIX,AZ,CO2=AMBIENT,IRG=WET,REP=2	04/06/84	10/16/84	PX140407.W84
PX05	PHOENIX,AZ,CO2= 500,IRG=DRY,REP=1	04/06/84	10/16/84	PX050407.W84
PX10	PHOENIX,AZ,CO2= 500,IRG=DRY,REP=2	04/06/84	10/16/84	PX100407.W84
PX02	PHOENIX,AZ,CO2= 500,IRG=WET,REP=1	04/06/84	10/16/84	PX020407.W84
PX16	PHOENIX,AZ,CO2= 500,IRG=WET,REP=2	04/06/84	10/16/84	PX160407.W84
PX07	PHOENIX,AZ,CO2= 650,IRG=DRY,REP=1	04/06/84	10/16/84	PX070407.W84
PX09	PHOENIX,AZ,CO2= 650,IRG=DRY,REP=2	04/06/84	10/16/84	PX090407.W84
PX04	PHOENIX,AZ,CO2= 650,IRG=WET,REP=1	04/06/84	10/16/84	PX040407.W84
PX15	PHOENIX,AZ,CO2= 650,IRG=WET,REP=2	04/06/84	10/16/84	PX150407.W84

FILENAME: PX080407,W84

WEATHER DATA FOR NO CHAMBER, IRRIGATION-DRY, REP=#1

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC      ↓      CO2YR WINDYR  
 PX08 33.40 112.00 2.30 0 1 1 0 1 350 0.0

INSTW	IYR	SOLRAD	XTMAX	XTMIN	XRAIN	XPAR	WIND	DEWPT	STMAX	STMIN	CO2	A00	
PX08	84	97	8.03	23.9	12.2	0.0	0.00	122.0	6.5	0.0	0.0	350	06-Apr
PX08	84	98	20.22	24.4	10.6	0.0	0.00	162.5	6.5	0.0	0.0	350	07-Apr
PX08	84	99	26.03	27.2	11.1	0.0	0.00	184.8	7.8	0.0	0.0	350	08-Apr
PX08	84	100	25.94	27.2	15.0	0.0	0.00	138.7	12.8	0.0	0.0	350	09-Apr
PX08	84	101	21.02	27.8	12.2	0.0	0.00	147.1	12.4	0.0	0.0	350	10-Apr
PX08	84	102	25.03	30.0	15.0	0.0	0.00	140.1	6.7	0.0	0.0	350	11-Apr
PX08	84	103	26.47	32.2	17.2	0.0	0.00	119.2	8.5	0.0	0.0	350	12-Apr
PX08	84	104	26.88	35.1	16.7	0.0	0.00	131.8	4.5	0.0	0.0	350	13-Apr
PX08	84	105	27.78	36.7	18.3	0.0	0.00	133.2	6.1	0.0	0.0	350	14-Apr
PX08	84	106	27.71	37.2	18.9	0.0	0.00	142.9	8.6	0.0	0.0	350	15-Apr
PX08	84	107	27.41	38.3	21.1	0.0	0.00	190.4	12.2	0.0	0.0	350	16-Apr
PX08	84	108	20.87	34.4	21.1	0.0	0.00	162.5	12.4	0.0	0.0	350	17-Apr
PX08	84	109	26.49	32.2	18.9	0.0	0.00	232.2	11.9	0.0	0.0	350	18-Apr
PX08	84	110	26.04	27.8	17.2	0.0	0.00	175.0	17.2	0.0	0.0	350	19-Apr
PX08	84	111	28.36	23.9	12.8	0.0	0.00	106.7	16.3	0.0	0.0	350	20-Apr
PX08	84	112	28.41	32.6	12.8	0.0	0.00	122.0	15.8	0.0	0.0	350	21-Apr
PX08	84	113	28.17	31.1	15.1	0.0	0.00	115.0	13.5	0.0	0.0	350	22-Apr
PX08	84	114	30.04	32.3	15.1	0.0	0.00	163.9	13.5	0.0	0.0	350	23-Apr
PX08	84	115	30.34	32.7	14.0	0.0	0.00	244.8	11.3	0.0	0.0	350	24-Apr
PX08	84	116	18.07	26.4	13.4	0.0	0.00	239.2	10.5	0.0	0.0	350	25-Apr
PX08	84	117	13.86	22.6	10.2	0.0	0.00	162.5	10.7	0.0	0.0	350	26-Apr
PX08	84	118	9.55	22.6	8.0	0.0	0.00	140.1	10.7	0.0	0.0	350	27-Apr
PX08	84	119	1.43	19.7	10.7	0.0	0.00	142.9	11.1	0.0	0.0	350	28-Apr
PX08	84	120	28.70	24.7	4.2	0.0	0.00	122.0	11.5	0.0	0.0	350	29-Apr
PX08	84	121	19.17	27.3	8.5	0.0	0.00	155.5	10.1	0.0	0.0	350	30-Apr
PX08	84	122	22.03	28.9	10.7	0.0	0.00	142.9	8.8	0.0	0.0	350	01-May
PX08	84	123	28.45	29.8	11.3	0.0	0.00	141.5	8.6	0.0	0.0	350	02-May
PX08	84	124	29.76	32.7	15.6	0.0	0.00	175.0	10.4	0.0	0.0	350	03-May
PX08	84	125	30.46	33.6	17.2	0.0	0.00	170.8	12.3	0.0	0.0	350	04-May
PX08	84	126	29.90	32.7	17.8	0.0	0.00	152.7	15.1	0.0	0.0	350	05-May
PX08	84	127	30.20	32.7	16.7	0.0	0.00	107.9	13.3	0.0	0.0	350	06-May
PX08	84	128	30.00	34.0	17.8	0.0	0.00	64.5	13.0	0.0	0.0	350	07-May
PX08	84	129	31.00	35.2	16.1	0.0	0.00	144.4	12.7	0.0	0.0	350	08-May
PX08	84	130	30.25	36.5	18.3	0.0	0.00	144.3	12.7	0.0	0.0	350	09-May
PX08	84	131	30.25	36.9	17.8	0.0	0.00	180.5	11.9	0.0	0.0	350	10-May
PX08	84	132	30.50	36.1	18.3	0.0	0.00	114.7	12.3	0.0	0.0	350	11-May
PX08	84	133	17.50	34.8	19.9	0.0	0.00	136.6	12.2	0.0	0.0	350	12-May
PX08	84	134	29.50	36.5	19.9	0.0	0.00	166.8	11.2	0.0	0.0	350	13-May
PX08	84	135	27.60	36.1	22.1	0.0	0.00	233.8	10.3	0.0	0.0	350	14-May
PX08	84	136	24.00	34.0	18.3	0.0	0.00	185.0	12.0	0.0	0.0	350	15-May
PX08	84	137	30.70	33.6	16.1	0.0	0.00	187.2	13.1	0.0	0.0	350	16-May
PX08	84	138	30.25	34.0	18.9	0.0	0.00	134.9	13.0	0.0	0.0	350	17-May
PX08	84	139	30.40	34.8	18.9	0.0	0.00	122.5	12.6	0.0	0.0	350	18-May
PX08	84	140	31.00	35.7	18.9	0.0	0.00	110.5	14.4	0.0	0.0	350	19-May
PX08	84	141	30.70	36.1	19.4	0.0	0.00	147.3	14.9	0.0	0.0	350	20-May
PX08	84	142	30.60	36.5	19.9	0.0	0.00	144.7	8.1	0.0	0.0	350	21-May

INSTW	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
	JUL		XTMAX		XRAIN		WIND		STMAX	CO2			
PX08	84	143	31.20	36.9	19.9	0.0	0.00	123.0	5.9	0.0	0.0	350	22-May
PX08	84	144	31.00	38.6	18.9	0.0	0.00	133.1	2.1	0.0	0.0	350	23-May
PX08	84	145	31.40	38.2	19.9	0.0	0.00	146.1	-2.2	0.0	0.0	350	24-May
PX08	84	146	31.60	38.2	19.9	0.0	0.00	140.2	5.3	0.0	0.0	350	25-May
PX08	84	147	31.20	38.6	19.4	0.0	0.00	149.4	5.8	0.0	0.0	350	26-May
PX08	84	148	31.60	39.0	20.5	0.0	0.00	149.0	4.8	0.0	0.0	350	27-May
PX08	84	149	31.80	40.7	20.5	0.0	0.00	152.7	4.3	0.0	0.0	350	28-May
PX08	84	150	27.40	39.4	24.3	0.0	0.00	224.6	5.8	0.0	0.0	350	29-May
PX08	84	151	22.30	39.6	25.1	0.0	0.00	181.4	6.1	0.0	0.0	350	30-May
PX08	84	152	29.20	37.4	21.4	0.0	0.00	112.3	9.7	0.0	0.0	350	31-May
PX08	84	153	30.70	36.6	22.3	0.0	0.00	164.2	5.4	0.0	0.0	350	01-Jun
PX08	84	154	30.60	36.5	20.5	0.0	0.00	181.4	4.6	0.0	0.0	350	02-Jun
PX08	84	155	31.40	35.5	22.7	0.0	0.00	190.1	-1.4	0.0	0.0	350	03-Jun
PX08	84	156	26.70	34.5	18.4	0.0	0.00	181.4	5.8	0.0	0.0	350	04-Jun
PX08	84	157	25.30	31.2	18.1	0.0	0.00	138.2	5.9	0.0	0.0	350	05-Jun
PX08	84	158	29.40	34.5	18.4	0.0	0.00	181.4	4.8	0.0	0.0	350	06-Jun
PX08	84	159	31.40	31.2	18.1	0.0	0.00	155.5	5.4	0.0	0.0	350	07-Jun
PX08	84	160	30.80	33.5	17.5	0.0	0.00	129.6	3.6	0.0	0.0	350	08-Jun
PX08	84	161	30.90	35.4	19.4	0.0	0.00	65.0	1.5	0.0	0.0	350	09-Jun
PX08	84	162	30.80	38.5	19.7	0.0	0.00	198.7	1.3	0.0	0.0	350	10-Jun
PX08	84	163	30.90	36.2	17.8	0.0	0.00	190.1	0.9	0.0	0.0	350	11-Jun
PX08	84	164	31.60	37.9	16.5	0.0	0.00	190.1	2.3	0.0	0.0	350	12-Jun
PX08	84	165	31.80	39.3	17.5	0.0	0.00	155.5	-6.0	0.0	0.0	350	13-Jun
PX08	84	166	31.30	38.0	19.5	0.0	0.00	164.2	2.1	0.0	0.0	350	14-Jun
PX08	84	167	32.00	37.7	18.2	0.0	0.00	112.3	1.3	0.0	0.0	350	15-Jun
PX08	84	168	31.70	35.1	19.0	0.0	0.00	112.3	-6.0	0.0	0.0	350	16-Jun
PX08	84	169	31.80	37.3	16.6	0.0	0.00	65.0	-0.5	0.0	0.0	350	17-Jun
PX08	84	170	30.90	37.6	17.8	0.0	0.00	112.3	1.9	0.0	0.0	350	18-Jun
PX08	84	171	30.60	38.9	21.8	0.0	0.00	112.3	4.5	0.0	0.0	350	19-Jun
PX08	84	172	31.90	37.3	19.9	0.0	0.00	138.2	3.0	0.0	0.0	350	20-Jun
PX08	84	173	31.70	37.0	17.9	0.0	0.00	164.2	3.6	0.0	0.0	350	21-Jun
PX08	84	174	31.00	36.8	20.6	0.0	0.00	112.3	6.4	0.0	0.0	350	22-Jun
PX08	84	175	29.60	37.3	20.4	0.0	0.00	103.7	6.4	0.0	0.0	350	23-Jun
PX08	84	176	23.20	37.8	22.5	0.0	0.00	103.7	11.4	0.0	0.0	350	24-Jun
PX08	84	177	24.00	33.6	22.9	4.0	0.00	146.9	17.7	0.0	0.0	350	25-Jun
PX08	84	178	29.70	37.1	24.8	0.0	0.00	103.7	19.1	0.0	0.0	350	26-Jun
PX08	84	179	23.70	38.1	26.4	0.0	0.00	65.0	17.8	0.0	0.0	350	27-Jun
PX08	84	180	29.80	38.7	23.1	0.0	0.00	164.2	18.7	0.0	0.0	350	28-Jun
PX08	84	181	29.40	36.0	23.4	3.0	0.00	164.2	18.4	0.0	0.0	350	29-Jun
PX08	84	182	18.30	33.4	24.1	1.0	0.00	103.7	18.4	0.0	0.0	350	30-Jun
PX08	84	183	25.30	36.4	20.3	0.0	0.00	129.6	17.5	0.0	0.0	350	01-Jul
PX08	84	184	22.80	35.4	23.0	0.0	0.00	129.6	15.7	0.0	0.0	350	02-Jul
PX08	84	185	20.30	36.5	24.5	0.0	0.00	129.6	14.1	0.0	0.0	350	03-Jul
PX08	84	186	30.80	39.9	26.2	0.0	0.00	138.2	14.0	0.0	0.0	350	04-Jul
PX08	84	187	29.90	37.3	26.6	0.0	0.00	103.7	13.5	0.0	0.0	350	05-Jul
PX08	84	188	28.40	37.5	27.0	0.0	0.00	138.2	13.4	0.0	0.0	350	06-Jul
PX08	84	189	29.70	35.0	23.8	0.0	0.00	146.9	14.1	0.0	0.0	350	07-Jul
PX08	84	190	28.50	33.6	25.8	0.0	0.00	198.7	15.7	0.0	0.0	350	08-Jul
PX08	84	191	29.90	34.8	23.9	0.0	0.00	138.2	15.8	0.0	0.0	350	09-Jul
PX08	84	192	29.30	37.7	25.7	0.0	0.00	155.5	14.0	0.0	0.0	350	10-Jul
PX08	84	193	24.80	33.9	25.4	0.0	0.00	129.6	14.0	0.0	0.0	350	11-Jul
PX08	84	194	23.80	36.6	21.8	0.0	0.00	129.6	15.8	0.0	0.0	350	12-Jul



INSTW	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
	JUL		XTMAX		XRAIN		WIND		STMAX	CO2			
PX08	84	195	22.50	34.6	23.0	5.0	0.00	129.6	17.5	0.0	0.0	350	13-Jul
PX08	84	196	28.50	35.1	22.4	0.0	0.00	146.9	20.5	0.0	0.0	350	14-Jul
PX08	84	197	29.60	35.5	24.4	0.0	0.00	181.4	17.6	0.0	0.0	350	15-Jul
PX08	84	198	28.80	37.8	24.8	0.0	0.00	190.1	16.5	0.0	0.0	350	16-Jul
PX08	84	199	24.60	36.0	22.7	1.0	0.00	146.9	17.3	0.0	0.0	350	17-Jul
PX08	84	200	21.50	33.9	22.2	9.0	0.00	129.6	17.2	0.0	0.0	350	18-Jul
PX08	84	201	18.90	34.6	22.8	0.0	0.00	121.0	16.6	0.0	0.0	350	19-Jul
PX08	84	202	23.10	33.4	20.6	3.0	0.00	138.2	17.5	0.0	0.0	350	20-Jul
PX08	84	203	16.50	29.5	19.1	34.0	0.00	65.0	17.8	0.0	0.0	350	21-Jul
PX08	84	204	16.60	28.7	22.1	0.0	0.00	103.7	19.2	0.0	0.0	350	22-Jul
PX08	84	205	29.60	33.3	21.2	0.0	0.00	86.4	18.0	0.0	0.0	350	23-Jul
PX08	84	206	25.50	37.5	24.2	0.0	0.00	69.1	16.2	0.0	0.0	350	24-Jul
PX08	84	207	23.60	37.5	25.6	0.0	0.00	95.0	14.3	0.0	0.0	350	25-Jul
PX08	84	208	26.90	34.4	22.6	0.0	0.00	112.3	13.6	0.0	0.0	350	26-Jul
PX08	84	209	18.00	33.3	21.2	0.0	0.00	112.3	16.4	0.0	0.0	350	27-Jul
PX08	84	210	26.50	34.4	19.1	100.0	0.00	65.0	16.8	0.0	0.0	350	28-Jul
PX08	84	211	25.80	33.1	22.3	0.0	0.00	77.8	17.5	0.0	0.0	350	29-Jul
PX08	84	212	26.90	34.6	23.5	0.0	0.00	69.1	16.4	0.0	0.0	350	30-Jul
PX08	84	213	23.70	35.9	24.9	0.0	0.00	86.4	16.8	0.0	0.0	350	31-Jul
PX08	84	214	26.90	35.2	23.3	0.0	0.00	95.0	13.5	0.0	0.0	350	01-Aug
PX08	84	215	24.50	34.8	22.6	0.0	0.00	60.5	12.7	0.0	0.0	350	02-Aug
PX08	84	216	27.60	37.5	23.2	0.0	0.00	77.8	12.2	0.0	0.0	350	03-Aug
PX08	84	217	27.60	37.8	23.8	0.0	0.00	121.0	13.1	0.0	0.0	350	04-Aug
PX08	84	218	26.80	35.8	23.5	0.0	0.00	103.7	15.9	0.0	0.0	350	05-Aug
PX08	84	219	27.70	37.8	24.6	0.0	0.00	112.3	13.5	0.0	0.0	350	06-Aug
PX08	84	220	26.60	38.4	24.0	0.0	0.00	112.3	12.3	0.0	0.0	350	07-Aug
PX08	84	221	27.10	35.5	23.3	0.0	0.00	129.6	14.3	0.0	0.0	350	08-Aug
PX08	84	222	21.50	34.2	21.8	5.0	0.00	138.2	17.3	0.0	0.0	350	09-Aug
PX08	84	223	24.70	32.2	22.2	0.0	0.00	95.0	17.9	0.0	0.0	350	10-Aug
PX08	84	224	12.40	32.0	23.9	0.0	0.00	121.0	18.4	0.0	0.0	350	11-Aug
PX08	84	225	26.30	35.1	23.2	0.0	0.00	86.4	17.3	0.0	0.0	350	12-Aug
PX08	84	226	26.60	33.8	24.2	0.0	0.00	138.2	18.1	0.0	0.0	350	13-Aug
PX08	84	227	20.30	32.9	20.3	2.0	0.00	112.3	18.1	0.0	0.0	350	14-Aug
PX08	84	228	23.80	33.7	23.3	0.0	0.00	86.4	19.1	0.0	0.0	350	15-Aug
PX08	84	229	23.60	34.8	24.2	0.0	0.00	112.3	18.2	0.0	0.0	350	16-Aug
PX08	84	230	22.00	34.3	22.5	0.0	0.00	112.3	17.8	0.0	0.0	350	17-Aug
PX08	84	231	21.30	31.4	20.8	0.0	0.00	95.0	16.7	0.0	0.0	350	18-Aug
PX08	84	232	21.50	30.8	22.2	0.0	0.00	112.3	17.9	0.0	0.0	350	19-Aug
PX08	84	233	22.30	32.0	20.8	0.0	0.00	95.0	16.6	0.0	0.0	350	20-Aug
PX08	84	234	25.50	34.7	21.8	0.0	0.00	86.4	14.9	0.0	0.0	350	21-Aug
PX08	84	235	19.50	34.8	23.2	0.0	0.00	121.0	14.7	0.0	0.0	350	22-Aug
PX08	84	236	14.30	31.2	23.8	2.0	0.00	86.4	15.8	0.0	0.0	350	23-Aug
PX08	84	237	24.70	34.5	20.5	0.0	0.00	112.3	15.1	0.0	0.0	350	24-Aug
PX08	84	238	23.10	33.1	20.8	0.0	0.00	86.4	15.3	0.0	0.0	350	25-Aug
PX08	84	239	25.30	34.9	23.4	0.0	0.00	69.1	15.0	0.0	0.0	350	26-Aug
PX08	84	240	22.30	34.4	21.8	0.0	0.00	51.8	14.3	0.0	0.0	350	27-Aug
PX08	84	241	24.80	34.9	24.3	0.0	0.00	0.0	15.0	0.0	0.0	350	28-Aug
PX08	84	242	25.30	38.8	23.4	0.0	0.00	0.0	12.7	0.0	0.0	350	29-Aug
PX08	84	243	25.00	38.6	22.9	0.0	0.00	17.3	11.2	0.0	0.0	350	30-Aug
PX08	84	244	21.30	37.2	26.1	0.0	0.00	51.8	12.7	0.0	0.0	350	31-Aug
PX08	84	245	24.10	34.6	19.4	20.0	0.00	60.5	16.4	0.0	0.0	350	01-Sep
PX08	84	246	24.10	31.9	19.8	0.0	0.00	17.3	18.7	0.0	0.0	350	02-Sep

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL	XTMAX	XRAIN	WIND	STMAX	CO2							
PX08	84	247	24.50	36.1	20.9	0.0	0.00	77.8	18.0	0.0	0.0	350	03-Sep
PX08	84	248	24.80	36.2	16.6	0.0	0.00	138.2	13.8	0.0	0.0	350	04-Sep
PX08	84	249	26.10	36.4	13.6	0.0	0.00	138.2	5.3	0.0	0.0	350	05-Sep
PX08	84	250	25.40	34.8	17.5	0.0	0.00	95.0	3.0	0.0	0.0	350	06-Sep
PX08	84	251	24.10	34.2	18.4	0.0	0.00	86.4	7.7	0.0	0.0	350	07-Sep
PX08	84	252	23.90	34.6	21.7	0.0	0.00	86.4	14.8	0.0	0.0	350	08-Sep
PX08	84	253	22.00	33.9	22.0	0.0	0.00	112.3	15.9	0.0	0.0	350	09-Sep
PX08	84	254	21.50	34.1	20.1	46.0	0.00	86.4	20.5	0.0	0.0	350	10-Sep
PX08	84	255	15.10	39.2	18.6	0.0	0.00	86.4	23.8	0.0	0.0	350	11-Sep
PX08	84	256	22.30	38.4	20.7	0.0	0.00	77.8	21.2	0.0	0.0	350	12-Sep
PX08	84	257	22.10	35.4	18.6	0.0	0.00	77.8	16.8	0.0	0.0	350	13-Sep
PX08	84	258	21.80	36.9	22.2	0.0	0.00	69.1	15.9	0.0	0.0	350	14-Sep
PX08	84	259	23.10	35.6	23.5	1.0	0.00	155.5	13.6	0.0	0.0	350	15-Sep
PX08	84	260	23.10	35.2	22.5	0.0	0.00	95.0	13.1	0.0	0.0	350	16-Sep
PX08	84	261	19.30	35.6	22.9	0.0	0.00	77.8	13.3	0.0	0.0	350	17-Sep
PX08	84	262	22.20	36.5	22.3	0.0	0.00	121.0	12.1	0.0	0.0	350	18-Sep
PX08	84	263	21.70	36.2	21.4	0.0	0.00	95.0	12.1	0.0	0.0	350	19-Sep
PX08	84	264	21.50	36.6	19.2	0.0	0.00	112.3	10.4	0.0	0.0	350	20-Sep
PX08	84	265	18.80	34.7	20.3	2.0	0.00	121.0	13.0	0.0	0.0	350	21-Sep
PX08	84	266	20.90	34.4	20.5	0.0	0.00	138.2	13.9	0.0	0.0	350	22-Sep
PX08	84	267	19.60	34.4	21.5	0.0	0.00	121.0	13.1	0.0	0.0	350	23-Sep
PX08	84	268	3.70	33.0	20.3	0.0	0.00	86.4	12.8	0.0	0.0	350	24-Sep
PX08	84	269	3.90	26.3	20.2	8.0	0.00	69.1	17.6	0.0	0.0	350	25-Sep
PX08	84	270	20.10	22.8	18.2	20.0	0.00	17.3	16.6	0.0	0.0	350	26-Sep
PX08	84	271	20.60	31.6	16.7	0.0	0.00	17.3	16.1	0.0	0.0	350	27-Sep
PX08	84	272	20.00	33.3	18.9	0.0	0.00	25.9	14.1	0.0	0.0	350	28-Sep
PX08	84	273	14.20	34.1	17.8	0.0	0.00	51.8	14.0	0.0	0.0	350	29-Sep
PX08	84	274	17.60	31.0	19.0	0.0	0.00	146.9	12.6	0.0	0.0	350	30-Sep
PX08	84	275	18.60	32.0	19.7	0.0	0.00	86.4	11.4	0.0	0.0	350	01-Oct
PX08	84	276	18.60	29.1	17.1	0.0	0.00	86.4	11.2	0.0	0.0	350	02-Oct
PX08	84	277	18.70	29.1	17.1	5.0	0.00	77.8	11.2	0.0	0.0	350	03-Oct
PX08	84	278	18.90	27.6	13.1	0.0	0.00	69.1	11.9	0.0	0.0	350	04-Oct
PX08	84	279	19.00	26.7	11.9	0.0	0.00	69.1	11.0	0.0	0.0	350	05-Oct
PX08	84	280	19.00	30.1	14.0	0.0	0.00	60.5	9.7	0.0	0.0	350	06-Oct
PX08	84	281	19.10	32.9	14.9	0.0	0.00	51.8	9.3	0.0	0.0	350	07-Oct
PX08	84	282	18.70	33.8	15.5	0.0	0.00	51.8	7.5	0.0	0.0	350	08-Oct
PX08	84	283	18.20	33.3	15.5	0.0	0.00	60.5	8.0	0.0	0.0	350	09-Oct
PX08	84	284	17.70	30.0	15.1	0.0	0.00	86.4	8.5	0.0	0.0	350	10-Oct
PX08	84	285	14.30	28.4	16.2	0.0	0.00	60.5	13.2	0.0	0.0	350	11-Oct
PX08	84	286	17.60	26.7	17.4	0.0	0.00	60.5	12.8	0.0	0.0	350	12-Oct
PX08	84	287	16.60	28.2	14.0	0.0	0.00	112.3	9.2	0.0	0.0	350	13-Oct
PX08	84	288	17.80	28.3	12.6	0.0	0.00	69.1	7.8	0.0	0.0	350	14-Oct
PX08	84	289	14.80	25.3	13.3	0.0	0.00	164.2	3.9	0.0	0.0	350	15-Oct
PX08	84	290	17.20	20.3	8.9	0.0	0.00	103.7	-8.6	0.0	0.0	350	16-Oct

FILENAME: PX110407.W84

WEATHER DATA FOR NO CHAMBER, IRRIGATION=DRY, REP=#2

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC      ↓      CO2YR WINDYR  
 PX11 33.40 112.00 2.30 0 1 1 0 1 350 0.0

	IYR	SOLRAD	XTMIN	XPAR	DEWPT	STMIN	AOO
<u>INSTW</u>	<u>JUL</u>	<u>XTMAX</u>	<u>XRAIN</u>	<u>WIND</u>	<u>STMAX</u>	<u>CO2</u>	
PX11	84	97	8.03	23.9	12.2	0.0	06-Apr
PX11	84	98	20.22	24.4	10.6	0.0	07-Apr
PX11	84	99	26.03	27.2	11.1	0.0	08-Apr
PX11	84	100	25.94	27.2	15.0	0.0	09-Apr
PX11	84	101	21.02	27.8	12.2	0.0	10-Apr
PX11	84	102	25.03	30.0	15.0	0.0	11-Apr
PX11	84	103	26.47	32.2	17.2	0.0	12-Apr
PX11	84	104	26.88	35.1	16.7	0.0	13-Apr
PX11	84	105	27.78	36.7	18.3	0.0	14-Apr
PX11	84	106	27.71	37.2	18.9	0.0	15-Apr
PX11	84	107	27.41	38.3	21.1	0.0	16-Apr
PX11	84	108	20.87	34.4	21.1	0.0	17-Apr
PX11	84	109	26.49	32.2	18.9	0.0	18-Apr
PX11	84	110	26.04	27.8	17.2	0.0	19-Apr
PX11	84	111	28.36	23.9	12.8	0.0	20-Apr
PX11	84	112	28.41	32.6	12.8	0.0	21-Apr
PX11	84	113	28.17	31.1	15.1	0.0	22-Apr
PX11	84	114	30.04	31.9	15.6	0.0	23-Apr
PX11	84	115	30.34	32.3	14.5	0.0	24-Apr
PX11	84	116	18.07	26.6	14.0	0.0	25-Apr
PX11	84	117	13.86	23.2	10.8	0.0	26-Apr
PX11	84	118	9.55	23.2	8.7	0.0	27-Apr
PX11	84	119	1.43	20.6	11.4	0.0	28-Apr
PX11	84	120	28.70	25.1	5.0	0.0	29-Apr
PX11	84	121	19.17	27.4	9.2	0.0	30-Apr
PX11	84	122	22.03	28.9	11.4	0.0	01-May
PX11	84	123	28.45	29.6	11.9	0.0	02-May
PX11	84	124	29.76	32.3	16.1	0.0	03-May
PX11	84	125	30.46	33.0	17.7	0.0	04-May
PX11	84	126	29.90	32.3	18.3	0.0	05-May
PX11	84	127	30.20	32.3	17.2	0.0	06-May
PX11	84	128	30.00	33.4	18.3	0.0	07-May
PX11	84	129	31.00	34.6	16.7	0.0	08-May
PX11	84	130	30.25	35.7	18.8	0.0	09-May
PX11	84	131	30.25	36.1	18.3	0.0	10-May
PX11	84	132	30.50	35.3	18.8	0.0	11-May
PX11	84	133	17.50	34.2	20.4	0.0	12-May
PX11	84	134	29.50	35.7	20.4	0.0	13-May
PX11	84	135	27.60	35.3	22.5	0.0	14-May
PX11	84	136	24.00	33.4	18.8	0.0	15-May
PX11	84	137	30.70	33.0	16.7	0.0	16-May
PX11	84	138	30.25	33.4	19.3	0.0	17-May
PX11	84	139	30.40	34.2	19.3	0.0	18-May
PX11	84	140	31.00	34.9	19.3	0.0	19-May
PX11	84	141	30.70	35.3	19.9	0.0	20-May
PX11	84	142	30.60	35.7	20.4	0.0	21-May

INSTW	IYR	SOLRAD		XTMIN		XRAIN	XPAR		DEWPT		STMIN		A00
		JUL	XTMAX				WIND	STMAX	CO2				
PX11	84	143	31.20	36.1	20.4	0.0	0.00	123.0	5.9	0.0	0.0	350	22-May
PX11	84	144	31.00	37.6	19.3	0.0	0.00	133.1	2.1	0.0	0.0	350	23-May
PX11	84	145	31.40	37.2	20.4	0.0	0.00	146.1	-2.2	0.0	0.0	350	24-May
PX11	84	146	31.60	37.2	20.4	0.0	0.00	140.2	5.3	0.0	0.0	350	25-May
PX11	84	147	31.20	37.6	19.9	0.0	0.00	149.4	5.8	0.0	0.0	350	26-May
PX11	84	148	31.60	38.0	20.9	0.0	0.00	149.0	4.8	0.0	0.0	350	27-May
PX11	84	149	31.80	39.5	20.9	0.0	0.00	152.7	4.3	0.0	0.0	350	28-May
PX11	84	150	27.40	38.3	24.6	0.0	0.00	224.6	6.1	0.0	0.0	350	29-May
PX11	84	151	22.30	38.9	25.7	0.0	0.00	181.4	6.8	0.0	0.0	350	30-May
PX11	84	152	29.20	36.1	21.5	0.0	0.00	112.3	10.5	0.0	0.0	350	31-May
PX11	84	153	30.70	35.3	22.9	0.0	0.00	164.2	6.2	0.0	0.0	350	01-Jun
PX11	84	154	30.60	35.7	20.9	0.0	0.00	181.4	5.6	0.0	0.0	350	02-Jun
PX11	84	155	31.40	35.1	22.8	0.0	0.00	190.1	-2.2	0.0	0.0	350	03-Jun
PX11	84	156	26.70	33.9	18.8	0.0	0.00	181.4	5.4	0.0	0.0	350	04-Jun
PX11	84	157	25.30	31.0	18.4	0.0	0.00	138.2	5.9	0.0	0.0	350	05-Jun
PX11	84	158	29.40	32.4	18.2	0.0	0.00	181.4	5.0	0.0	0.0	350	06-Jun
PX11	84	159	31.40	31.7	19.3	0.0	0.00	155.5	4.5	0.0	0.0	350	07-Jun
PX11	84	160	30.80	33.1	17.8	0.0	0.00	129.6	2.3	0.0	0.0	350	08-Jun
PX11	84	161	30.90	34.7	17.0	0.0	0.00	65.0	-1.7	0.0	0.0	350	09-Jun
PX11	84	162	30.80	37.6	20.0	0.0	0.00	198.7	-3.0	0.0	0.0	350	10-Jun
PX11	84	163	30.90	35.8	18.5	0.0	0.00	190.1	-3.5	0.0	0.0	350	11-Jun
PX11	84	164	31.60	37.2	17.3	0.0	0.00	190.1	-3.5	0.0	0.0	350	12-Jun
PX11	84	165	31.80	37.3	18.4	0.0	0.00	155.5	-4.7	0.0	0.0	350	13-Jun
PX11	84	166	31.30	37.4	19.9	0.0	0.00	164.2	-6.3	0.0	0.0	350	14-Jun
PX11	84	167	32.00	36.7	19.4	0.0	0.00	112.3	-7.0	0.0	0.0	350	15-Jun
PX11	84	168	31.70	35.1	19.0	0.0	0.00	112.3	-9.8	0.0	0.0	350	16-Jun
PX11	84	169	31.80	36.9	17.6	0.0	0.00	65.0	-12.2	0.0	0.0	350	17-Jun
PX11	84	170	30.90	37.0	18.6	0.0	0.00	112.3	-6.3	0.0	0.0	350	18-Jun
PX11	84	171	30.60	38.3	22.3	0.0	0.00	112.3	-3.0	0.0	0.0	350	19-Jun
PX11	84	172	31.90	36.4	20.4	0.0	0.00	138.2	1.5	0.0	0.0	350	20-Jun
PX11	84	173	31.70	36.3	18.3	0.0	0.00	164.2	-2.7	0.0	0.0	350	21-Jun
PX11	84	174	31.00	35.4	21.4	0.0	0.00	112.3	2.7	0.0	0.0	350	22-Jun
PX11	84	175	29.60	36.0	20.9	0.0	0.00	103.7	3.4	0.0	0.0	350	23-Jun
PX11	84	176	23.20	37.0	23.1	0.0	0.00	103.7	9.0	0.0	0.0	350	24-Jun
PX11	84	177	24.00	32.6	22.5	4.0	0.00	146.9	17.3	0.0	0.0	350	25-Jun
PX11	84	178	29.70	35.4	24.9	0.0	0.00	103.7	16.5	0.0	0.0	350	26-Jun
PX11	84	179	23.70	37.4	26.1	0.0	0.00	65.0	14.0	0.0	0.0	350	27-Jun
PX11	84	180	29.80	36.9	23.6	0.0	0.00	164.2	15.7	0.0	0.0	350	28-Jun
PX11	84	181	29.40	35.2	23.7	3.0	0.00	164.2	16.8	0.0	0.0	350	29-Jun
PX11	84	182	18.30	32.2	24.2	1.0	0.00	103.7	16.2	0.0	0.0	350	30-Jun
PX11	84	183	25.30	34.5	22.7	0.0	0.00	129.6	14.9	0.0	0.0	350	01-Jul
PX11	84	184	22.80	35.0	23.3	0.0	0.00	129.6	15.8	0.0	0.0	350	02-Jul
PX11	84	185	20.30	36.0	25.7	0.0	0.00	129.6	14.2	0.0	0.0	350	03-Jul
PX11	84	186	30.80	38.3	26.6	0.0	0.00	138.2	13.7	0.0	0.0	350	04-Jul
PX11	84	187	29.90	37.2	27.0	0.0	0.00	103.7	12.9	0.0	0.0	350	05-Jul
PX11	84	188	28.40	37.7	27.3	0.0	0.00	138.2	13.7	0.0	0.0	350	06-Jul
PX11	84	189	29.70	35.5	24.2	0.0	0.00	146.9	14.4	0.0	0.0	350	07-Jul
PX11	84	190	28.50	33.9	26.2	0.0	0.00	198.7	15.9	0.0	0.0	350	08-Jul
PX11	84	191	29.90	36.0	24.3	0.0	0.00	138.2	15.7	0.0	0.0	350	09-Jul
PX11	84	192	29.30	37.0	26.2	0.0	0.00	155.5	14.4	0.0	0.0	350	10-Jul
PX11	84	193	24.80	33.5	25.8	0.0	0.00	129.6	14.6	0.0	0.0	350	11-Jul
PX11	84	194	23.80	35.8	23.7	0.0	0.00	129.6	16.3	0.0	0.0	350	12-Jul

INSTW	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
	JUL		XTMAX		XRAIN		WIND		STMAX	CO2			
PX11	84	195	22.50	33.1	22.6	5.0	0.00	129.6	17.7	0.0	0.0	350	13-Jul
PX11	84	196	28.50	35.1	22.4	0.0	0.00	146.9	19.8	0.0	0.0	350	14-Jul
PX11	84	197	29.60	33.5	24.5	0.0	0.00	181.4	18.5	0.0	0.0	350	15-Jul
PX11	84	198	28.80	34.7	24.8	0.0	0.00	190.1	17.7	0.0	0.0	350	16-Jul
PX11	84	199	24.60	32.9	22.8	1.0	0.00	146.9	18.0	0.0	0.0	350	17-Jul
PX11	84	200	21.50	33.9	22.2	9.0	0.00	129.6	17.9	0.0	0.0	350	18-Jul
PX11	84	201	18.90	32.8	23.0	0.0	0.00	121.0	17.3	0.0	0.0	350	19-Jul
PX11	84	202	23.10	32.0	20.8	3.0	0.00	138.2	18.2	0.0	0.0	350	20-Jul
PX11	84	203	16.50	37.7	18.9	34.0	0.00	65.0	20.2	0.0	0.0	350	21-Jul
PX11	84	204	16.60	28.5	22.3	0.0	0.00	103.7	19.4	0.0	0.0	350	22-Jul
PX11	84	205	29.60	31.7	20.4	0.0	0.00	86.4	10.4	0.0	0.0	350	23-Jul
PX11	84	206	25.50	35.1	24.7	0.0	0.00	69.1	16.7	0.0	0.0	350	24-Jul
PX11	84	207	23.60	36.7	25.9	0.0	0.00	95.0	14.3	0.0	0.0	350	25-Jul
PX11	84	208	26.90	34.4	22.9	0.0	0.00	112.3	13.4	0.0	0.0	350	26-Jul
PX11	84	209	18.00	32.1	22.8	0.0	0.00	112.3	16.7	0.0	0.0	350	27-Jul
PX11	84	210	26.50	34.4	19.1	100.0	0.00	65.0	17.3	0.0	0.0	350	28-Jul
PX11	84	211	25.80	32.1	22.2	0.0	0.00	77.8	17.7	0.0	0.0	350	29-Jul
PX11	84	212	26.90	33.5	23.5	0.0	0.00	69.1	16.3	0.0	0.0	350	30-Jul
PX11	84	213	23.70	34.2	25.5	0.0	0.00	86.4	16.9	0.0	0.0	350	31-Jul
PX11	84	214	26.90	34.1	23.9	0.0	0.00	95.0	13.9	0.0	0.0	350	01-Aug
PX11	84	215	24.50	33.2	22.9	0.0	0.00	60.5	13.2	0.0	0.0	350	02-Aug
PX11	84	216	27.60	35.1	23.3	0.0	0.00	77.8	13.2	0.0	0.0	350	03-Aug
PX11	84	217	27.60	36.6	23.9	0.0	0.00	121.0	12.8	0.0	0.0	350	04-Aug
PX11	84	218	26.80	34.8	23.8	0.0	0.00	103.7	14.3	0.0	0.0	350	05-Aug
PX11	84	219	27.70	36.6	24.6	0.0	0.00	112.3	13.3	0.0	0.0	350	06-Aug
PX11	84	220	26.60	36.8	24.2	0.0	0.00	112.3	12.9	0.0	0.0	350	07-Aug
PX11	84	221	27.10	34.4	24.6	0.0	0.00	129.6	14.6	0.0	0.0	350	08-Aug
PX11	84	222	21.50	32.4	21.4	5.0	0.00	138.2	19.9	0.0	0.0	350	09-Aug
PX11	84	223	24.70	30.7	21.5	0.0	0.00	95.0	18.7	0.0	0.0	350	10-Aug
PX11	84	224	12.40	30.8	24.2	0.0	0.00	121.0	18.7	0.0	0.0	350	11-Aug
PX11	84	225	26.30	34.4	23.3	0.0	0.00	86.4	17.3	0.0	0.0	350	12-Aug
PX11	84	226	26.60	32.7	24.5	0.0	0.00	138.2	18.3	0.0	0.0	350	13-Aug
PX11	84	227	20.30	31.6	20.6	2.0	0.00	112.3	18.3	0.0	0.0	350	14-Aug
PX11	84	228	23.80	32.3	23.6	0.0	0.00	86.4	18.7	0.0	0.0	350	15-Aug
PX11	84	229	23.60	32.9	24.6	0.0	0.00	112.3	18.1	0.0	0.0	350	16-Aug
PX11	84	230	22.00	33.3	22.8	0.0	0.00	112.3	17.7	0.0	0.0	350	17-Aug
PX11	84	231	21.30	30.8	21.3	0.0	0.00	95.0	16.6	0.0	0.0	350	18-Aug
PX11	84	232	21.50	29.7	22.5	0.0	0.00	112.3	17.9	0.0	0.0	350	19-Aug
PX11	84	233	22.30	31.5	21.2	0.0	0.00	95.0	16.8	0.0	0.0	350	20-Aug
PX11	84	234	25.50	33.4	21.7	0.0	0.00	86.4	14.9	0.0	0.0	350	21-Aug
PX11	84	235	19.50	33.9	23.6	0.0	0.00	121.0	13.8	0.0	0.0	350	22-Aug
PX11	84	236	14.30	30.3	23.9	2.0	0.00	86.4	15.0	0.0	0.0	350	23-Aug
PX11	84	237	24.70	33.9	20.8	0.0	0.00	112.3	13.6	0.0	0.0	350	24-Aug
PX11	84	238	23.10	33.6	21.1	0.0	0.00	86.4	14.6	0.0	0.0	350	25-Aug
PX11	84	239	25.30	34.9	23.8	0.0	0.00	69.1	13.9	0.0	0.0	350	26-Aug
PX11	84	240	22.30	35.1	21.8	0.0	0.00	51.8	14.0	0.0	0.0	350	27-Aug
PX11	84	241	24.80	34.9	24.8	0.0	0.00	0.0	15.4	0.0	0.0	350	28-Aug
PX11	84	242	25.30	38.3	24.0	0.0	0.00	0.0	13.2	0.0	0.0	350	29-Aug
PX11	84	243	25.00	37.4	24.0	0.0	0.00	17.3	11.5	0.0	0.0	350	30-Aug
PX11	84	244	21.30	36.1	26.3	0.0	0.00	51.8	13.3	0.0	0.0	350	31-Aug
PX11	84	245	24.10	33.4	19.9	20.0	0.00	60.5	16.9	0.0	0.0	350	01-Sep
PX11	84	246	24.10	30.4	19.7	0.0	0.00	17.3	19.1	0.0	0.0	350	02-Sep

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX	CO2			
PX11	84	247	24.50	35.4	22.8	0.0	0.00	77.8	17.6	0.0	0.0	350	03-Sep
PX11	84	248	24.80	36.3	23.8	0.0	0.00	138.2	11.5	0.0	0.0	350	04-Sep
PX11	84	249	26.10	34.3	19.9	0.0	0.00	138.2	6.4	0.0	0.0	350	05-Sep
PX11	84	250	25.40	34.7	17.7	0.0	0.00	95.0	5.8	0.0	0.0	350	06-Sep
PX11	84	251	24.10	32.6	17.6	0.0	0.00	86.4	11.2	0.0	0.0	350	07-Sep
PX11	84	252	23.90	32.8	21.5	0.0	0.00	86.4	17.4	0.0	0.0	350	08-Sep
PX11	84	253	22.00	32.6	21.6	0.0	0.00	112.3	18.4	0.0	0.0	350	09-Sep
PX11	84	254	21.50	33.2	20.1	46.0	0.00	86.4	21.3	0.0	0.0	350	10-Sep
PX11	84	255	15.10	29.2	18.6	0.0	0.00	86.4	23.8	0.0	0.0	350	11-Sep
PX11	84	256	22.30	38.4	20.7	0.0	0.00	77.8	21.2	0.0	0.0	350	12-Sep
PX11	84	257	22.10	34.5	20.2	0.0	0.00	77.8	18.4	0.0	0.0	350	13-Sep
PX11	84	258	21.80	34.3	22.3	0.0	0.00	69.1	15.0	0.0	0.0	350	14-Sep
PX11	84	259	23.10	35.9	24.9	1.0	0.00	155.5	10.7	0.0	0.0	350	15-Sep
PX11	84	260	23.10	35.2	23.0	0.0	0.00	95.0	10.5	0.0	0.0	350	16-Sep
PX11	84	261	19.30	35.5	23.5	0.0	0.00	77.8	11.0	0.0	0.0	350	17-Sep
PX11	84	262	22.20	36.8	22.4	0.0	0.00	121.0	10.6	0.0	0.0	350	18-Sep
PX11	84	263	21.70	36.1	20.5	0.0	0.00	95.0	11.9	0.0	0.0	350	19-Sep
PX11	84	264	21.50	35.6	21.5	0.0	0.00	112.3	10.5	0.0	0.0	350	20-Sep
PX11	84	265	18.80	35.1	21.8	2.0	0.00	121.0	13.2	0.0	0.0	350	21-Sep
PX11	84	266	20.90	33.6	20.3	0.0	0.00	138.2	13.6	0.0	0.0	350	22-Sep
PX11	84	267	19.60	33.4	21.7	0.0	0.00	121.0	13.1	0.0	0.0	350	23-Sep
PX11	84	268	3.70	30.3	20.1	0.0	0.00	86.4	16.2	0.0	0.0	350	24-Sep
PX11	84	269	3.90	22.9	19.7	8.0	0.00	69.1	18.2	0.0	0.0	350	25-Sep
PX11	84	270	20.10	20.7	16.9	20.0	0.00	17.3	16.4	0.0	0.0	350	26-Sep
PX11	84	271	20.60	28.1	15.1	0.0	0.00	17.3	15.7	0.0	0.0	350	27-Sep
PX11	84	272	20.00	30.0	17.3	0.0	0.00	25.9	13.4	0.0	0.0	350	28-Sep
PX11	84	273	14.20	30.5	16.9	0.0	0.00	51.8	13.3	0.0	0.0	350	29-Sep
PX11	84	274	17.60	29.3	17.9	0.0	0.00	146.9	11.2	0.0	0.0	350	30-Sep
PX11	84	275	18.60	29.4	18.9	0.0	0.00	86.4	10.4	0.0	0.0	350	01-Oct
PX11	84	276	18.60	27.0	16.2	0.0	0.00	86.4	10.7	0.0	0.0	350	02-Oct
PX11	84	277	18.70	27.0	16.2	5.0	0.00	77.8	10.7	0.0	0.0	350	03-Oct
PX11	84	278	18.90	24.7	11.8	0.0	0.00	69.1	11.1	0.0	0.0	350	04-Oct
PX11	84	279	19.00	26.7	11.9	0.0	0.00	69.1	10.4	0.0	0.0	350	05-Oct
PX11	84	280	19.00	27.8	13.0	0.0	0.00	60.5	8.5	0.0	0.0	350	06-Oct
PX11	84	281	19.10	30.6	15.0	0.0	0.00	51.8	7.8	0.0	0.0	350	07-Oct
PX11	84	282	18.70	31.1	14.6	0.0	0.00	51.8	6.4	0.0	0.0	350	08-Oct
PX11	84	283	18.20	30.6	15.0	0.0	0.00	60.5	6.7	0.0	0.0	350	09-Oct
PX11	84	284	17.70	29.4	15.2	0.0	0.00	86.4	8.0	0.0	0.0	350	10-Oct
PX11	84	285	14.30	27.8	16.4	0.0	0.00	60.5	12.9	0.0	0.0	350	11-Oct
PX11	84	286	17.60	26.7	17.4	0.0	0.00	60.5	12.4	0.0	0.0	350	12-Oct
PX11	84	287	16.60	28.0	14.0	0.0	0.00	112.3	8.2	0.0	0.0	350	13-Oct
PX11	84	288	17.80	28.4	13.1	0.0	0.00	69.1	6.4	0.0	0.0	350	14-Oct
PX11	84	289	14.80	25.5	12.8	0.0	0.00	164.2	4.1	0.0	0.0	350	15-Oct
PX11	84	290	17.20	21.0	7.8	0.0	0.00	103.7	0.4	0.0	0.0	350	16-Oct

FILENAME: PX010407.W84

WEATHER DATA FOR NO CHAMBER, IRRIGATION=WET, REP=#1

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC      ↓      CO2YR WINDYR  
 PX01 33.40 112.00 2.30 0 1 1 0 1 350 0.0

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
<u>INSTW</u>	<u>JUL</u>	<u>XTMAX</u>		<u>XRAIN</u>		<u>WIND</u>		<u>STMAX</u>		<u>CO2</u>			
PX01	84	97	8.03	23.9	12.2	0.0	0.00	122.0	6.5	0.0	0.0	350	06-Apr
PX01	84	98	20.22	24.4	10.6	0.0	0.00	162.5	6.5	0.0	0.0	350	07-Apr
PX01	84	99	26.03	27.2	11.1	0.0	0.00	184.8	7.8	0.0	0.0	350	08-Apr
PX01	84	100	25.94	27.2	15.0	0.0	0.00	138.7	12.8	0.0	0.0	350	09-Apr
PX01	84	101	21.02	27.8	12.2	0.0	0.00	147.1	12.4	0.0	0.0	350	10-Apr
PX01	84	102	25.03	30.0	15.0	0.0	0.00	140.1	6.7	0.0	0.0	350	11-Apr
PX01	84	103	26.47	32.2	17.2	0.0	0.00	119.2	8.5	0.0	0.0	350	12-Apr
PX01	84	104	26.88	35.1	16.7	0.0	0.00	131.8	4.5	0.0	0.0	350	13-Apr
PX01	84	105	27.78	36.7	18.3	0.0	0.00	133.2	6.1	0.0	0.0	350	14-Apr
PX01	84	106	27.71	37.2	18.9	0.0	0.00	142.9	8.6	0.0	0.0	350	15-Apr
PX01	84	107	27.41	38.3	21.1	0.0	0.00	190.4	12.2	0.0	0.0	350	16-Apr
PX01	84	108	20.87	34.4	21.1	0.0	0.00	162.5	12.4	0.0	0.0	350	17-Apr
PX01	84	109	26.49	32.2	18.9	0.0	0.00	232.2	11.9	0.0	0.0	350	18-Apr
PX01	84	110	26.04	27.8	17.2	0.0	0.00	175.0	17.2	0.0	0.0	350	19-Apr
PX01	84	111	28.36	23.9	12.8	0.0	0.00	106.7	16.3	0.0	0.0	350	20-Apr
PX01	84	112	28.41	32.6	12.8	0.0	0.00	122.0	15.8	0.0	0.0	350	21-Apr
PX01	84	113	28.17	31.1	15.1	0.0	0.00	115.0	13.5	0.0	0.0	350	22-Apr
PX01	84	114	30.04	33.2	13.8	0.0	0.00	163.9	13.5	0.0	0.0	350	23-Apr
PX01	84	115	30.34	32.7	14.3	0.0	0.00	244.8	11.3	0.0	0.0	350	24-Apr
PX01	84	116	18.07	32.1	17.1	0.0	0.00	239.2	10.5	0.0	0.0	350	25-Apr
PX01	84	117	13.86	22.7	13.2	0.0	0.00	162.5	10.7	0.0	0.0	350	26-Apr
PX01	84	118	9.55	19.9	9.3	0.0	0.00	140.1	10.7	0.0	0.0	350	27-Apr
PX01	84	119	1.43	18.8	8.8	0.0	0.00	142.9	11.1	0.0	0.0	350	28-Apr
PX01	84	120	26.91	22.7	7.1	0.0	0.00	122.0	11.5	0.0	0.0	350	29-Apr
PX01	84	121	19.17	26.6	10.4	0.0	0.00	155.5	10.1	0.0	0.0	350	30-Apr
PX01	84	122	22.03	28.2	11.6	0.0	0.00	142.9	8.8	0.0	0.0	350	01-May
PX01	84	123	28.45	29.9	13.8	0.0	0.00	141.5	8.6	0.0	0.0	350	02-May
PX01	84	124	29.76	33.2	18.8	0.0	0.00	175.0	10.4	0.0	0.0	350	03-May
PX01	84	125	30.46	34.9	17.1	0.0	0.00	170.8	12.3	0.0	0.0	350	04-May
PX01	84	126	29.90	31.9	15.8	0.0	0.00	152.7	15.1	0.0	0.0	350	05-May
PX01	84	127	30.20	33.4	15.4	0.0	0.00	107.9	13.3	0.0	0.0	350	06-May
PX01	84	128	30.00	37.4	15.5	0.0	0.00	64.5	13.0	0.0	0.0	350	07-May
PX01	84	129	31.00	37.2	15.2	0.0	0.00	144.4	12.7	0.0	0.0	350	08-May
PX01	84	130	30.25	37.5	16.2	0.0	0.00	144.3	12.7	0.0	0.0	350	09-May
PX01	84	131	30.25	38.4	15.9	0.0	0.00	180.5	11.9	0.0	0.0	350	10-May
PX01	84	132	30.50	36.6	17.2	0.0	0.00	114.7	12.3	0.0	0.0	350	11-May
PX01	84	133	17.50	35.6	17.2	0.0	0.00	136.6	12.2	0.0	0.0	350	12-May
PX01	84	134	29.50	37.3	20.4	0.0	0.00	166.8	11.2	0.0	0.0	350	13-May
PX01	84	135	27.60	37.8	20.8	0.0	0.00	233.8	10.3	0.0	0.0	350	14-May
PX01	84	136	24.00	33.3	18.6	0.0	0.00	185.0	12.0	0.0	0.0	350	15-May
PX01	84	137	30.70	33.0	15.9	0.0	0.00	187.2	13.1	0.0	0.0	350	16-May
PX01	84	138	30.25	35.7	16.9	0.0	0.00	134.9	13.0	0.0	0.0	350	17-May
PX01	84	139	30.40	36.1	15.6	0.0	0.00	122.5	12.6	0.0	0.0	350	18-May
PX01	84	140	31.00	36.9	17.9	0.0	0.00	110.5	14.4	0.0	0.0	350	19-May
PX01	84	141	30.70	38.5	18.5	0.0	0.00	147.3	14.9	0.0	0.0	350	20-May
PX01	84	142	30.60	38.4	17.1	0.0	0.00	144.7	8.1	0.0	0.0	350	21-May

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX01	84	143	31.20	39.3	16.9	0.0	0.00	123.0	5.9	0.0	0.0	350	22-May
PX01	84	144	31.00	42.3	19.0	0.0	0.00	133.1	2.1	0.0	0.0	350	23-May
PX01	84	145	31.40	40.9	19.0	0.0	0.00	146.1	-2.2	0.0	0.0	350	24-May
PX01	84	146	31.60	41.1	19.2	0.0	0.00	140.2	5.3	0.0	0.0	350	25-May
PX01	84	147	31.20	43.3	18.8	0.0	0.00	149.4	5.8	0.0	0.0	350	26-May
PX01	84	148	31.60	42.7	19.2	0.0	0.00	149.0	4.8	0.0	0.0	350	27-May
PX01	84	149	31.80	43.9	22.1	0.0	0.00	152.7	4.3	0.0	0.0	350	28-May
PX01	84	150	27.40	41.3	23.7	0.0	0.00	224.6	3.8	0.0	0.0	350	29-May
PX01	84	151	22.30	40.3	24.6	0.0	0.00	181.4	3.9	0.0	0.0	350	30-May
PX01	84	152	29.20	36.8	21.0	0.0	0.00	112.3	9.0	0.0	0.0	350	31-May
PX01	84	153	30.70	35.7	22.3	0.0	0.00	164.2	5.9	0.0	0.0	350	01-Jun
PX01	84	154	30.60	37.9	20.5	0.0	0.00	181.4	2.1	0.0	0.0	350	02-Jun
PX01	84	155	31.40	35.8	22.7	0.0	0.00	190.1	-2.2	0.0	0.0	350	03-Jun
PX01	84	156	26.70	34.5	18.3	0.0	0.00	181.4	5.3	0.0	0.0	350	04-Jun
PX01	84	157	25.30	31.0	18.0	0.0	0.00	138.2	5.8	0.0	0.0	350	05-Jun
PX01	84	158	29.40	32.9	17.5	0.0	0.00	181.4	4.8	0.0	0.0	350	06-Jun
PX01	84	159	31.40	32.0	19.1	0.0	0.00	155.5	4.3	0.0	0.0	350	07-Jun
PX01	84	160	30.80	33.5	17.3	0.0	0.00	129.6	2.3	0.0	0.0	350	08-Jun
PX01	84	161	30.90	35.3	16.2	0.0	0.00	65.0	-1.9	0.0	0.0	350	09-Jun
PX01	84	162	30.80	33.5	19.7	0.0	0.00	198.7	-2.7	0.0	0.0	350	10-Jun
PX01	84	163	30.90	36.1	17.2	0.0	0.00	190.1	-3.5	0.0	0.0	350	11-Jun
PX01	84	164	31.60	37.9	16.1	0.0	0.00	190.1	-3.5	0.0	0.0	350	12-Jun
PX01	84	165	31.80	39.2	17.4	0.0	0.00	155.5	-6.0	0.0	0.0	350	13-Jun
PX01	84	166	31.30	37.5	19.4	0.0	0.00	164.2	-4.7	0.0	0.0	350	14-Jun
PX01	84	167	32.00	37.5	18.1	0.0	0.00	112.3	-5.0	0.0	0.0	350	15-Jun
PX01	84	168	31.70	33.8	17.7	0.0	0.00	112.3	-8.2	0.0	0.0	350	16-Jun
PX01	84	169	31.80	37.2	16.3	0.0	0.00	65.0	-11.7	0.0	0.0	350	17-Jun
PX01	84	170	30.90	36.8	17.9	0.0	0.00	112.3	-5.7	0.0	0.0	350	18-Jun
PX01	84	171	30.60	38.7	21.6	0.0	0.00	112.3	-2.5	0.0	0.0	350	19-Jun
PX01	84	172	31.90	38.4	19.3	0.0	0.00	138.2	-2.7	0.0	0.0	350	20-Jun
PX01	84	173	31.70	38.4	17.5	0.0	0.00	164.2	-3.8	0.0	0.0	350	21-Jun
PX01	84	174	31.00	37.8	20.8	0.0	0.00	112.3	0.6	0.0	0.0	350	22-Jun
PX01	84	175	29.60	38.5	20.8	0.0	0.00	103.7	1.7	0.0	0.0	350	23-Jun
PX01	84	176	23.20	39.3	22.7	0.0	0.00	103.7	8.1	0.0	0.0	350	24-Jun
PX01	84	177	24.00	34.3	22.3	4.0	0.00	146.9	16.9	0.0	0.0	350	25-Jun
PX01	84	178	29.70	37.4	24.7	0.0	0.00	103.7	16.0	0.0	0.0	350	26-Jun
PX01	84	179	23.70	38.5	26.3	0.0	0.00	65.0	12.5	0.0	0.0	350	27-Jun
PX01	84	180	29.80	36.8	23.2	0.0	0.00	164.2	15.6	0.0	0.0	350	28-Jun
PX01	84	181	29.40	35.3	23.3	3.0	0.00	164.2	16.9	0.0	0.0	350	29-Jun
PX01	84	182	18.30	33.3	24.1	1.0	0.00	103.7	16.0	0.0	0.0	350	30-Jun
PX01	84	183	25.30	34.7	21.5	0.0	0.00	129.6	14.8	0.0	0.0	350	01-Jul
PX01	84	184	22.80	35.5	23.4	0.0	0.00	129.6	14.5	0.0	0.0	350	02-Jul
PX01	84	185	20.30	36.1	25.7	0.0	0.00	129.6	14.2	0.0	0.0	350	03-Jul
PX01	84	186	30.80	37.8	26.3	0.0	0.00	138.2	13.8	0.0	0.0	350	04-Jul
PX01	84	187	29.90	37.5	26.8	0.0	0.00	103.7	12.5	0.0	0.0	350	05-Jul
PX01	84	188	28.40	38.6	27.1	0.0	0.00	138.2	13.2	0.0	0.0	350	06-Jul
PX01	84	189	29.70	35.8	24.0	0.0	0.00	146.9	14.2	0.0	0.0	350	07-Jul
PX01	84	190	28.50	34.1	26.0	0.0	0.00	198.7	15.1	0.0	0.0	350	08-Jul
PX01	84	191	29.90	36.3	24.0	0.0	0.00	138.2	15.6	0.0	0.0	350	09-Jul
PX01	84	192	29.30	38.3	25.9	0.0	0.00	155.5	14.3	0.0	0.0	350	10-Jul
PX01	84	193	24.80	41.7	25.5	0.0	0.00	129.6	13.7	0.0	0.0	350	11-Jul
PX01	84	194	23.80	37.7	23.2	0.0	0.00	129.6	15.8	0.0	0.0	350	12-Jul



	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX01	84	195	22.50	34.4	22.3	5.0	0.00	129.6	20.2	0.0	0.0	350	13-Jul
PX01	84	196	28.50	35.1	22.4	0.0	0.00	146.9	20.1	0.0	0.0	350	14-Jul
PX01	84	197	29.60	33.8	24.7	0.0	0.00	181.4	20.3	0.0	0.0	350	15-Jul
PX01	84	198	28.80	35.5	24.8	0.0	0.00	190.1	18.4	0.0	0.0	350	16-Jul
PX01	84	199	24.60	34.0	22.8	1.0	0.00	146.9	17.8	0.0	0.0	350	17-Jul
PX01	84	200	21.50	33.9	22.2	9.0	0.00	129.6	17.8	0.0	0.0	350	18-Jul
PX01	84	201	18.90	33.6	22.9	0.0	0.00	121.0	16.8	0.0	0.0	350	19-Jul
PX01	84	202	23.10	32.3	20.7	3.0	0.00	138.2	18.1	0.0	0.0	350	20-Jul
PX01	84	203	16.50	31.1	14.4	34.0	0.00	65.0	19.0	0.0	0.0	350	21-Jul
PX01	84	204	16.60	28.2	22.0	0.0	0.00	103.7	19.5	0.0	0.0	350	22-Jul
PX01	84	205	29.60	32.2	21.2	0.0	0.00	86.4	18.7	0.0	0.0	350	23-Jul
PX01	84	206	25.50	36.7	24.4	0.0	0.00	69.1	16.4	0.0	0.0	350	24-Jul
PX01	84	207	23.60	44.5	25.6	0.0	0.00	95.0	13.3	0.0	0.0	350	25-Jul
PX01	84	208	26.90	35.4	22.7	0.0	0.00	112.3	13.3	0.0	0.0	350	26-Jul
PX01	84	209	18.00	33.0	15.5	0.0	0.00	112.3	16.5	0.0	0.0	350	27-Jul
PX01	84	210	26.50	34.4	19.1	100.0	0.00	65.0	16.1	0.0	0.0	350	28-Jul
PX01	84	211	25.80	32.9	22.4	0.0	0.00	77.8	18.0	0.0	0.0	350	29-Jul
PX01	84	212	26.90	34.8	23.7	0.0	0.00	69.1	16.4	0.0	0.0	350	30-Jul
PX01	84	213	23.70	35.6	25.4	0.0	0.00	86.4	17.0	0.0	0.0	350	31-Jul
PX01	84	214	26.90	35.3	23.8	0.0	0.00	95.0	13.8	0.0	0.0	350	01-Aug
PX01	84	215	24.50	33.8	23.2	0.0	0.00	60.5	13.1	0.0	0.0	350	02-Aug
PX01	84	216	27.60	35.5	23.3	0.0	0.00	77.8	13.2	0.0	0.0	350	03-Aug
PX01	84	217	27.60	37.6	24.1	0.0	0.00	121.0	12.6	0.0	0.0	350	04-Aug
PX01	84	218	26.80	35.7	23.9	0.0	0.00	103.7	14.1	0.0	0.0	350	05-Aug
PX01	84	219	27.70	36.6	24.5	0.0	0.00	112.3	13.3	0.0	0.0	350	06-Aug
PX01	84	220	26.60	36.6	24.1	0.0	0.00	112.3	13.1	0.0	0.0	350	07-Aug
PX01	84	221	27.10	37.4	22.5	0.0	0.00	129.6	13.9	0.0	0.0	350	08-Aug
PX01	84	222	21.50	33.5	21.4	5.0	0.00	138.2	17.9	0.0	0.0	350	09-Aug
PX01	84	223	24.70	31.1	21.6	0.0	0.00	95.0	18.7	0.0	0.0	350	10-Aug
PX01	84	224	12.40	31.4	24.3	0.0	0.00	121.0	18.5	0.0	0.0	350	11-Aug
PX01	84	225	26.30	36.2	23.6	0.0	0.00	86.4	17.0	0.0	0.0	350	12-Aug
PX01	84	226	26.60	34.0	24.7	0.0	0.00	138.2	17.8	0.0	0.0	350	13-Aug
PX01	84	227	20.30	32.6	20.4	2.0	0.00	112.3	18.1	0.0	0.0	350	14-Aug
PX01	84	228	23.80	33.0	23.6	0.0	0.00	86.4	18.4	0.0	0.0	350	15-Aug
PX01	84	229	23.60	33.6	24.5	0.0	0.00	112.3	17.9	0.0	0.0	350	16-Aug
PX01	84	230	22.00	34.4	22.7	0.0	0.00	112.3	17.3	0.0	0.0	350	17-Aug
PX01	84	231	21.30	31.9	21.1	0.0	0.00	95.0	16.3	0.0	0.0	350	18-Aug
PX01	84	232	21.50	30.6	22.5	0.0	0.00	112.3	17.7	0.0	0.0	350	19-Aug
PX01	84	233	22.30	32.6	21.1	0.0	0.00	95.0	16.5	0.0	0.0	350	20-Aug
PX01	84	234	25.50	34.7	21.6	0.0	0.00	86.4	14.5	0.0	0.0	350	21-Aug
PX01	84	235	19.50	35.1	23.4	0.0	0.00	121.0	13.6	0.0	0.0	350	22-Aug
PX01	84	236	14.30	34.3	23.8	2.0	0.00	86.4	14.3	0.0	0.0	350	23-Aug
PX01	84	237	24.70	34.8	20.8	0.0	0.00	112.3	13.4	0.0	0.0	350	24-Aug
PX01	84	238	23.10	33.5	21.1	0.0	0.00	86.4	14.5	0.0	0.0	350	25-Aug
PX01	84	239	25.30	35.7	23.8	0.0	0.00	69.1	13.7	0.0	0.0	350	26-Aug
PX01	84	240	22.30	34.6	21.7	0.0	0.00	51.8	14.6	0.0	0.0	350	27-Aug
PX01	84	241	24.80	34.1	24.7	0.0	0.00	0.0	15.9	0.0	0.0	350	28-Aug
PX01	84	242	25.30	37.7	23.8	0.0	0.00	0.0	14.0	0.0	0.0	350	29-Aug
PX01	84	243	25.00	39.1	23.4	0.0	0.00	17.3	12.4	0.0	0.0	350	30-Aug
PX01	84	244	21.30	37.0	26.6	0.0	0.00	51.8	14.3	0.0	0.0	350	31-Aug
PX01	84	245	24.10	35.0	20.5	20.0	0.00	60.5	17.7	0.0	0.0	350	01-Sep
PX01	84	246	24.10	34.0	20.4	0.0	0.00	17.3	20.4	0.0	0.0	350	02-Sep

	IYR	SOLRAD	XTMIN	XPAR	DEWPT	STMIN	A00						
INSTW	JUL	XTMAX	XRAIN	WIND	STMAX	CO2							
PX01	84	247	24.50	37.0	22.7	0.0	0.00	77.8	18.7	0.0	0.0	350	03-Sep
PX01	84	248	24.80	37.5	23.2	0.0	0.00	138.2	14.0	0.0	0.0	350	04-Sep
PX01	84	249	26.10	37.7	19.8	0.0	0.00	138.2	6.1	0.0	0.0	350	05-Sep
PX01	84	250	25.40	39.0	18.2	0.0	0.00	95.0	5.3	0.0	0.0	350	06-Sep
PX01	84	251	24.10	34.6	18.9	0.0	0.00	86.4	10.1	0.0	0.0	350	07-Sep
PX01	84	252	23.90	32.3	21.8	0.0	0.00	86.4	16.5	0.0	0.0	350	08-Sep
PX01	84	253	22.00	31.9	22.0	0.0	0.00	112.3	17.6	0.0	0.0	350	09-Sep
PX01	84	254	21.50	31.4	20.4	46.0	0.00	86.4	21.0	0.0	0.0	350	10-Sep
PX01	84	255	15.10	29.1	18.5	0.0	0.00	86.4	23.8	0.0	0.0	350	11-Sep
PX01	84	256	22.30	38.4	20.7	0.0	0.00	77.8	21.2	0.0	0.0	350	12-Sep
PX01	84	257	22.10	33.3	20.5	0.0	0.00	77.8	16.7	0.0	0.0	350	13-Sep
PX01	84	258	21.80	35.5	22.0	0.0	0.00	69.1	14.9	0.0	0.0	350	14-Sep
PX01	84	259	23.10	37.3	24.9	1.0	0.00	155.5	11.1	0.0	0.0	350	15-Sep
PX01	84	260	23.10	36.9	23.1	0.0	0.00	95.0	10.4	0.0	0.0	350	16-Sep
PX01	84	261	19.30	36.7	23.4	0.0	0.00	77.8	10.5	0.0	0.0	350	17-Sep
PX01	84	262	22.20	38.6	22.3	0.0	0.00	121.0	8.9	0.0	0.0	350	18-Sep
PX01	84	263	21.70	36.7	21.7	0.0	0.00	95.0	9.5	0.0	0.0	350	19-Sep
PX01	84	264	21.50	34.6	20.6	0.0	0.00	112.3	8.6	0.0	0.0	350	20-Sep
PX01	84	265	18.80	32.7	20.7	2.0	0.00	121.0	12.2	0.0	0.0	350	21-Sep
PX01	84	266	20.90	33.4	19.6	0.0	0.00	138.2	12.4	0.0	0.0	350	22-Sep
PX01	84	267	19.60	35.6	20.7	0.0	0.00	121.0	11.9	0.0	0.0	350	23-Sep
PX01	84	268	3.70	20.3	16.5	0.0	0.00	86.4	17.2	0.0	0.0	350	24-Sep
PX01	84	269	3.90	20.8	16.8	8.0	0.00	69.1	16.3	0.0	0.0	350	25-Sep
PX01	84	270	20.10	28.4	14.9	20.0	0.00	17.3	15.8	0.0	0.0	350	26-Sep
PX01	84	271	20.60	30.4	17.0	0.0	0.00	17.3	13.5	0.0	0.0	350	27-Sep
PX01	84	272	20.00	31.0	16.2	0.0	0.00	25.9	13.5	0.0	0.0	350	28-Sep
PX01	84	273	14.20	30.0	17.8	0.0	0.00	51.8	11.3	0.0	0.0	350	29-Sep
PX01	84	274	17.60	29.4	19.1	0.0	0.00	146.9	10.5	0.0	0.0	350	30-Sep
PX01	84	275	18.60	26.9	15.7	0.0	0.00	86.4	10.7	0.0	0.0	350	01-Oct
PX01	84	276	18.60	26.9	15.7	0.0	0.00	86.4	10.7	0.0	0.0	350	02-Oct
PX01	84	277	18.70	24.6	16.0	5.0	0.00	77.8	11.1	0.0	0.0	350	03-Oct
PX01	84	278	18.90	24.5	11.6	0.0	0.00	69.1	11.5	0.0	0.0	350	04-Oct
PX01	84	279	19.00	32.9	16.4	0.0	0.00	69.1	10.1	0.0	0.0	350	05-Oct
PX01	84	280	19.00	27.9	12.8	0.0	0.00	60.5	8.8	0.0	0.0	350	06-Oct
PX01	84	281	19.10	31.0	13.9	0.0	0.00	51.8	7.8	0.0	0.0	350	07-Oct
PX01	84	282	18.70	31.3	14.5	0.0	0.00	51.8	6.5	0.0	0.0	350	08-Oct
PX01	84	283	18.20	31.1	14.4	0.0	0.00	60.5	6.5	0.0	0.0	350	09-Oct
PX01	84	284	17.70	29.7	14.6	0.0	0.00	86.4	7.8	0.0	0.0	350	10-Oct
PX01	84	285	14.30	28.6	16.0	0.0	0.00	60.5	12.8	0.0	0.0	350	11-Oct
PX01	84	286	17.60	26.6	17.5	0.0	0.00	60.5	12.4	0.0	0.0	350	12-Oct
PX01	84	287	16.60	28.0	12.8	0.0	0.00	112.3	6.7	0.0	0.0	350	13-Oct
PX01	84	288	17.80	27.8	14.0	0.0	0.00	69.1	8.5	0.0	0.0	350	14-Oct
PX01	84	289	14.80	25.4	12.1	0.0	0.00	164.2	4.5	0.0	0.0	350	15-Oct
PX01	84	290	17.20	20.8	7.9	0.0	0.00	103.7	0.6	0.0	0.0	350	16-Oct

FILENAME: PX130407.W84

WEATHER DATA FOR NO CHAMBER, IRRIGATION-WET, REP-#2

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC      ↓      CO2YR WINDYR  
 PX13 33.40 112.00 2.30 0 1 1 0 1 350 0.0

	IYR	SOLRAD	XTMIN	XPAR	DEWPT	STMIN	A00						
<u>INSTW</u>	<u>JUL</u>	<u>XTMAX</u>	<u>XRAIN</u>	<u>WIND</u>	<u>STMAX</u>	<u>CO2</u>							
PX13	84	97	8.03	23.9	12.2	0.0	0.00	122.0	6.5	0.0	0.0	350	06-Apr
PX13	84	98	20.22	24.4	10.6	0.0	0.00	162.5	6.5	0.0	0.0	350	07-Apr
PX13	84	99	26.03	27.2	11.1	0.0	0.00	184.8	7.8	0.0	0.0	350	08-Apr
PX13	84	100	25.94	27.2	15.0	0.0	0.00	138.7	12.8	0.0	0.0	350	09-Apr
PX13	84	101	21.02	27.8	12.2	0.0	0.00	147.1	12.4	0.0	0.0	350	10-Apr
PX13	84	102	25.03	30.0	15.0	0.0	0.00	140.1	6.7	0.0	0.0	350	11-Apr
PX13	84	103	26.47	32.2	17.2	0.0	0.00	119.2	8.5	0.0	0.0	350	12-Apr
PX13	84	104	26.88	35.1	16.7	0.0	0.00	131.8	4.5	0.0	0.0	350	13-Apr
PX13	84	105	27.78	36.7	18.3	0.0	0.00	133.2	6.1	0.0	0.0	350	14-Apr
PX13	84	106	27.71	37.2	18.9	0.0	0.00	142.9	8.6	0.0	0.0	350	15-Apr
PX13	84	107	27.41	38.3	21.1	0.0	0.00	190.4	12.2	0.0	0.0	350	16-Apr
PX13	84	108	20.87	34.4	21.1	0.0	0.00	162.5	12.4	0.0	0.0	350	17-Apr
PX13	84	109	26.49	32.2	18.9	0.0	0.00	232.2	11.9	0.0	0.0	350	18-Apr
PX13	84	110	26.04	27.8	17.2	0.0	0.00	175.0	17.2	0.0	0.0	350	19-Apr
PX13	84	111	28.36	23.9	12.8	0.0	0.00	106.7	16.3	0.0	0.0	350	20-Apr
PX13	84	112	28.41	32.6	12.8	0.0	0.00	122.0	15.8	0.0	0.0	350	21-Apr
PX13	84	113	28.17	31.1	15.1	0.0	0.00	115.0	13.5	0.0	0.0	350	22-Apr
PX13	84	114	30.04	33.2	13.8	0.0	0.00	163.9	13.5	0.0	0.0	350	23-Apr
PX13	84	115	30.34	32.7	14.3	0.0	0.00	244.8	11.3	0.0	0.0	350	24-Apr
PX13	84	116	18.07	32.1	17.1	0.0	0.00	239.2	10.5	0.0	0.0	350	25-Apr
PX13	84	117	13.86	22.7	13.2	0.0	0.00	162.5	10.7	0.0	0.0	350	26-Apr
PX13	84	118	9.55	19.9	9.3	0.0	0.00	140.1	10.7	0.0	0.0	350	27-Apr
PX13	84	119	1.43	18.8	8.8	0.0	0.00	142.9	11.1	0.0	0.0	350	28-Apr
PX13	84	120	26.91	22.7	7.1	0.0	0.00	122.0	11.5	0.0	0.0	350	29-Apr
PX13	84	121	19.17	26.6	10.4	0.0	0.00	155.5	10.1	0.0	0.0	350	30-Apr
PX13	84	122	22.03	28.2	11.6	0.0	0.00	142.9	8.8	0.0	0.0	350	01-May
PX13	84	123	28.45	29.9	13.8	0.0	0.00	141.5	8.6	0.0	0.0	350	02-May
PX13	84	124	29.76	33.2	18.8	0.0	0.00	175.0	10.4	0.0	0.0	350	03-May
PX13	84	125	30.46	34.9	17.1	0.0	0.00	170.8	12.3	0.0	0.0	350	04-May
PX13	84	126	29.90	31.9	15.8	0.0	0.00	152.7	15.1	0.0	0.0	350	05-May
PX13	84	127	30.20	33.4	15.4	0.0	0.00	107.9	13.3	0.0	0.0	350	06-May
PX13	84	128	30.00	37.4	15.5	0.0	0.00	64.5	13.0	0.0	0.0	350	07-May
PX13	84	129	31.00	37.2	15.2	0.0	0.00	144.4	12.7	0.0	0.0	350	08-May
PX13	84	130	30.25	37.5	16.2	0.0	0.00	144.3	12.7	0.0	0.0	350	09-May
PX13	84	131	30.25	38.4	15.9	0.0	0.00	180.5	11.9	0.0	0.0	350	10-May
PX13	84	132	30.50	36.6	17.2	0.0	0.00	114.7	12.3	0.0	0.0	350	11-May
PX13	84	133	17.50	35.6	17.2	0.0	0.00	136.6	12.2	0.0	0.0	350	12-May
PX13	84	134	29.50	37.3	20.4	0.0	0.00	166.8	11.2	0.0	0.0	350	13-May
PX13	84	135	27.60	37.8	20.8	0.0	0.00	233.8	10.3	0.0	0.0	350	14-May
PX13	84	136	24.00	33.3	18.6	0.0	0.00	185.0	12.0	0.0	0.0	350	15-May
PX13	84	137	30.70	33.0	15.9	0.0	0.00	187.2	13.1	0.0	0.0	350	16-May
PX13	84	138	30.25	35.7	16.9	0.0	0.00	134.9	13.0	0.0	0.0	350	17-May
PX13	84	139	30.40	36.1	15.6	0.0	0.00	122.5	12.6	0.0	0.0	350	18-May
PX13	84	140	31.00	36.9	17.9	0.0	0.00	110.5	14.4	0.0	0.0	350	19-May
PX13	84	141	30.70	38.5	18.5	0.0	0.00	147.3	14.9	0.0	0.0	350	20-May
PX13	84	142	30.60	38.4	17.1	0.0	0.00	144.7	8.1	0.0	0.0	350	21-May

	YR	SOLRAD		XTMIN		XPAR	DEWPT		STMIN		A00		
INSTW	JUL	XTMAX		XRAIN		WIND		STMAX	CO2				
PX13	84	143	31.20	39.3	16.9	0.0	0.00	123.0	5.9	0.0	0.0	350	22-May
PX13	84	144	31.00	42.3	19.0	0.0	0.00	133.1	2.1	0.0	0.0	350	23-May
PX13	84	145	31.40	40.9	19.0	0.0	0.00	146.1	-2.2	0.0	0.0	350	24-May
PX13	84	146	31.60	41.1	19.2	0.0	0.00	140.2	5.3	0.0	0.0	350	25-May
PX13	84	147	31.20	43.3	18.8	0.0	0.00	149.4	5.8	0.0	0.0	350	26-May
PX13	84	148	31.60	42.7	19.2	0.0	0.00	149.0	4.8	0.0	0.0	350	27-May
PX13	84	149	31.80	43.9	22.1	0.0	0.00	152.7	4.3	0.0	0.0	350	28-May
PX13	84	150	27.40	41.1	25.0	0.0	0.00	224.6	4.6	0.0	0.0	350	29-May
PX13	84	151	22.30	39.0	25.5	0.0	0.00	181.4	3.9	0.0	0.0	350	30-May
PX13	84	152	29.20	35.9	21.2	0.0	0.00	112.3	8.9	0.0	0.0	350	31-May
PX13	84	153	30.70	35.3	22.8	0.0	0.00	164.2	7.5	0.0	0.0	350	01-Jun
PX13	84	154	30.60	37.9	20.5	0.0	0.00	181.4	3.0	0.0	0.0	350	02-Jun
PX13	84	155	31.40	35.1	22.7	0.0	0.00	190.1	-1.2	0.0	0.0	350	03-Jun
PX13	84	156	26.70	33.5	19.0	0.0	0.00	181.4	5.9	0.0	0.0	350	04-Jun
PX13	84	157	25.30	31.0	18.4	0.0	0.00	138.2	6.2	0.0	0.0	350	05-Jun
PX13	84	158	29.40	32.1	18.4	0.0	0.00	181.4	5.3	0.0	0.0	350	06-Jun
PX13	84	159	31.40	31.6	19.1	0.0	0.00	155.5	5.0	0.0	0.0	350	07-Jun
PX13	84	160	30.80	33.3	17.8	0.0	0.00	129.6	3.0	0.0	0.0	350	08-Jun
PX13	84	161	30.90	34.7	17.1	0.0	0.00	65.0	-0.7	0.0	0.0	350	09-Jun
PX13	84	162	30.80	37.5	20.0	0.0	0.00	198.7	-1.9	0.0	0.0	350	10-Jun
PX13	84	163	30.90	35.8	18.7	0.0	0.00	190.1	-2.5	0.0	0.0	350	11-Jun
PX13	84	164	31.60	37.0	17.6	0.0	0.00	190.1	-2.5	0.0	0.0	350	12-Jun
PX13	84	165	31.80	36.7	18.5	0.0	0.00	155.5	-1.4	0.0	0.0	350	13-Jun
PX13	84	166	31.30	36.0	19.8	0.0	0.00	164.2	-2.5	0.0	0.0	350	14-Jun
PX13	84	167	32.00	35.6	19.4	0.0	0.00	112.3	-3.0	0.0	0.0	350	15-Jun
PX13	84	168	31.70	32.8	19.0	0.0	0.00	112.3	-5.7	0.0	0.0	350	16-Jun
PX13	84	169	31.80	36.3	17.6	0.0	0.00	65.0	-9.4	0.0	0.0	350	17-Jun
PX13	84	170	30.90	35.6	19.1	0.0	0.00	112.3	-3.8	0.0	0.0	350	18-Jun
PX13	84	171	30.60	37.5	22.2	0.0	0.00	112.3	-0.9	0.0	0.0	350	19-Jun
PX13	84	172	31.90	38.4	19.3	0.0	0.00	138.2	-0.5	0.0	0.0	350	20-Jun
PX13	84	173	31.70	36.2	18.4	0.0	0.00	164.2	-3.0	0.0	0.0	350	21-Jun
PX13	84	174	31.00	36.3	21.5	0.0	0.00	112.3	1.9	0.0	0.0	350	22-Jun
PX13	84	175	29.60	37.0	21.2	0.0	0.00	103.7	2.7	0.0	0.0	350	23-Jun
PX13	84	176	23.20	37.2	23.4	0.0	0.00	103.7	8.6	0.0	0.0	350	24-Jun
PX13	84	177	24.00	33.1	21.6	4.0	0.00	146.9	17.1	0.0	0.0	350	25-Jun
PX13	84	178	29.70	36.0	25.0	0.0	0.00	103.7	16.5	0.0	0.0	350	26-Jun
PX13	84	179	23.70	37.3	26.1	0.0	0.00	65.0	14.5	0.0	0.0	350	27-Jun
PX13	84	180	29.80	35.4	23.5	0.0	0.00	164.2	16.5	0.0	0.0	350	28-Jun
PX13	84	181	29.40	33.2	22.9	3.0	0.00	164.2	17.3	0.0	0.0	350	29-Jun
PX13	84	182	18.30	31.7	24.0	1.0	0.00	103.7	16.4	0.0	0.0	350	30-Jun
PX13	84	183	25.30	33.3	22.1	0.0	0.00	129.6	15.5	0.0	0.0	350	01-Jul
PX13	84	184	22.80	33.8	22.2	0.0	0.00	129.6	14.1	0.0	0.0	350	02-Jul
PX13	84	185	20.30	34.4	25.5	0.0	0.00	129.6	15.0	0.0	0.0	350	03-Jul
PX13	84	186	30.80	36.8	26.6	0.0	0.00	138.2	14.8	0.0	0.0	350	04-Jul
PX13	84	187	29.90	35.8	26.9	0.0	0.00	103.7	13.8	0.0	0.0	350	05-Jul
PX13	84	188	28.40	37.1	27.2	0.0	0.00	138.2	14.5	0.0	0.0	350	06-Jul
PX13	84	189	29.70	35.1	24.2	0.0	0.00	146.9	15.0	0.0	0.0	350	07-Jul
PX13	84	190	28.50	33.9	26.0	0.0	0.00	198.7	15.9	0.0	0.0	350	08-Jul
PX13	84	191	29.90	34.8	24.2	0.0	0.00	138.2	16.4	0.0	0.0	350	09-Jul
PX13	84	192	29.30	38.4	25.9	0.0	0.00	155.5	14.8	0.0	0.0	350	10-Jul
PX13	84	193	24.80	32.7	25.1	0.0	0.00	129.6	15.2	0.0	0.0	350	11-Jul
PX13	84	194	23.80	35.3	23.1	0.0	0.00	129.6	16.7	0.0	0.0	350	12-Jul

	IYR	SOLRAD	XTMIN		XPAR	DEWPT	STMIN	A00			
INSTW	JUL	XTMAX	XRAIN	WIND	STMAX	CO2					
PX13 84 195	22.50	32.6	21.6	5.0	0.00	129.6	18.0	0.0	0.0	350	13-Jul
PX13 84 196	28.50	35.1	22.4	0.0	0.00	146.9	19.5	0.0	0.0	350	14-Jul
PX13 84 197	29.60	32.3	24.8	0.0	0.00	181.4	19.1	0.0	0.0	350	15-Jul
PX13 84 198	28.80	33.5	24.4	0.0	0.00	190.1	18.4	0.0	0.0	350	16-Jul
PX13 84 199	24.60	32.0	22.5	1.0	0.00	146.9	18.7	0.0	0.0	350	17-Jul
PX13 84 200	21.50	33.9	22.2	9.0	0.00	129.6	18.2	0.0	0.0	350	18-Jul
PX13 84 201	18.90	32.2	23.0	0.0	0.00	121.0	19.0	0.0	0.0	350	19-Jul
PX13 84 202	23.10	31.6	23.0	3.0	0.00	138.2	20.5	0.0	0.0	350	20-Jul
PX13 84 203	16.50	27.8	18.2	34.0	0.00	65.0	18.4	0.0	0.0	350	21-Jul
PX13 84 204	16.60	28.1	22.1	0.0	0.00	103.7	19.5	0.0	0.0	350	22-Jul
PX13 84 205	29.60	31.5	21.4	0.0	0.00	86.4	19.0	0.0	0.0	350	23-Jul
PX13 84 206	25.50	34.9	24.6	0.0	0.00	69.1	17.1	0.0	0.0	350	24-Jul
PX13 84 207	23.60	36.2	25.8	0.0	0.00	95.0	14.6	0.0	0.0	350	25-Jul
PX13 84 208	26.90	34.8	22.7	0.0	0.00	112.3	13.8	0.0	0.0	350	26-Jul
PX13 84 209	18.00	31.9	20.8	0.0	0.00	112.3	17.0	0.0	0.0	350	27-Jul
PX13 84 210	26.50	34.4	19.1	100.0	0.00	65.0	17.4	0.0	0.0	350	28-Jul
PX13 84 211	25.80	32.0	22.0	0.0	0.00	77.8	18.0	0.0	0.0	350	29-Jul
PX13 84 212	26.90	33.6	23.1	0.0	0.00	69.1	16.7	0.0	0.0	350	30-Jul
PX13 84 213	23.70	34.0	25.3	0.0	0.00	86.4	17.9	0.0	0.0	350	31-Jul
PX13 84 214	26.90	33.7	24.0	0.0	0.00	95.0	15.0	0.0	0.0	350	01-Aug
PX13 84 215	24.50	32.7	23.1	0.0	0.00	60.5	14.2	0.0	0.0	350	02-Aug
PX13 84 216	27.60	34.0	23.5	0.0	0.00	77.8	14.4	0.0	0.0	350	03-Aug
PX13 84 217	27.60	36.4	23.7	0.0	0.00	121.0	13.8	0.0	0.0	350	04-Aug
PX13 84 218	26.80	34.9	24.2	0.0	0.00	103.7	15.0	0.0	0.0	350	05-Aug
PX13 84 219	27.70	36.2	24.8	0.0	0.00	112.3	13.8	0.0	0.0	350	06-Aug
PX13 84 220	26.60	36.6	24.2	0.0	0.00	112.3	13.6	0.0	0.0	350	07-Aug
PX13 84 221	27.10	34.9	24.1	0.0	0.00	129.6	15.0	0.0	0.0	350	08-Aug
PX13 84 222	21.50	32.6	21.5	5.0	0.00	138.2	18.4	0.0	0.0	350	09-Aug
PX13 84 223	24.70	30.7	21.1	0.0	0.00	95.0	19.3	0.0	0.0	350	10-Aug
PX13 84 224	12.40	30.9	24.5	0.0	0.00	121.0	19.2	0.0	0.0	350	11-Aug
PX13 84 225	26.30	35.1	23.0	0.0	0.00	86.4	17.7	0.0	0.0	350	12-Aug
PX13 84 226	26.60	33.0	24.6	0.0	0.00	138.2	18.6	0.0	0.0	350	13-Aug
PX13 84 227	20.30	31.9	20.4	2.0	0.00	112.3	18.9	0.0	0.0	350	14-Aug
PX13 84 228	23.80	32.5	23.7	0.0	0.00	86.4	19.2	0.0	0.0	350	15-Aug
PX13 84 229	23.60	33.7	24.8	0.0	0.00	112.3	18.6	0.0	0.0	350	16-Aug
PX13 84 230	22.00	33.8	23.0	0.0	0.00	112.3	17.9	0.0	0.0	350	17-Aug
PX13 84 231	21.30	31.2	21.5	0.0	0.00	95.0	16.8	0.0	0.0	350	18-Aug
PX13 84 232	21.50	30.6	22.5	0.0	0.00	112.3	18.0	0.0	0.0	350	19-Aug
PX13 84 233	22.30	32.5	21.3	0.0	0.00	95.0	17.3	0.0	0.0	350	20-Aug
PX13 84 234	25.50	34.7	21.7	0.0	0.00	86.4	15.4	0.0	0.0	350	21-Aug
PX13 84 235	19.50	35.3	23.6	0.0	0.00	121.0	14.5	0.0	0.0	350	22-Aug
PX13 84 236	14.30	30.1	23.7	2.0	0.00	86.4	19.9	0.0	0.0	350	23-Aug
PX13 84 237	24.70	33.5	20.6	0.0	0.00	112.3	15.0	0.0	0.0	350	24-Aug
PX13 84 238	23.10	32.4	21.0	0.0	0.00	86.4	15.8	0.0	0.0	350	25-Aug
PX13 84 239	25.30	34.7	23.7	0.0	0.00	69.1	15.3	0.0	0.0	350	26-Aug
PX13 84 240	22.30	33.1	21.3	0.0	0.00	51.8	15.2	0.0	0.0	350	27-Aug
PX13 84 241	24.80	33.3	24.7	0.0	0.00	0.0	16.3	0.0	0.0	350	28-Aug
PX13 84 242	25.30	36.0	24.1	0.0	0.00	0.0	14.3	0.0	0.0	350	29-Aug
PX13 84 243	25.00	37.2	24.0	0.0	0.00	17.3	12.2	0.0	0.0	350	30-Aug
PX13 84 244	21.30	35.8	27.1	0.0	0.00	51.8	13.6	0.0	0.0	350	31-Aug
PX13 84 245	24.10	33.6	18.6	20.0	0.00	60.5	17.1	0.0	0.0	350	01-Sep
PX13 84 246	24.10	30.7	19.4	0.0	0.00	17.3	19.3	0.0	0.0	350	02-Sep

INSTW	IYR	SOLRAD		XTMIN		XRAIN	XPAR		DEWPT		STMIN		A00
		JUL		XTMAX			WIND		STMAX	CO2			
PX13	84	247	24.50	36.1	22.8	0.0	0.00	77.8	17.8	0.0	0.0	350	03-Sep
PX13	84	248	24.80	36.7	24.1	0.0	0.00	138.2	11.6	0.0	0.0	350	04-Sep
PX13	84	249	26.10	36.6	19.7	0.0	0.00	138.2	1.9	0.0	0.0	350	05-Sep
PX13	84	250	25.40	34.5	18.2	0.0	0.00	95.0	14.5	0.0	0.0	350	06-Sep
PX13	84	251	24.10	33.6	18.5	0.0	0.00	86.4	11.0	0.0	0.0	350	07-Sep
PX13	84	252	23.90	31.9	21.3	0.0	0.00	86.4	17.5	0.0	0.0	350	08-Sep
PX13	84	253	22.00	31.4	21.8	0.0	0.00	112.3	18.5	0.0	0.0	350	09-Sep
PX13	84	254	21.50	31.2	20.0	46.0	0.00	86.4	21.9	0.0	0.0	350	10-Sep
PX13	84	255	15.10	29.1	18.5	0.0	0.00	86.4	23.8	0.0	0.0	350	11-Sep
PX13	84	256	22.30	38.4	20.7	0.0	0.00	77.8	21.2	0.0	0.0	350	12-Sep
PX13	84	257	22.10	32.3	20.4	0.0	0.00	77.8	17.3	0.0	0.0	350	13-Sep
PX13	84	258	21.80	34.0	22.3	0.0	0.00	69.1	15.8	0.0	0.0	350	14-Sep
PX13	84	259	23.10	36.1	24.9	1.0	0.00	155.5	11.2	0.0	0.0	350	15-Sep
PX13	84	260	23.10	35.7	23.2	0.0	0.00	95.0	10.7	0.0	0.0	350	16-Sep
PX13	84	261	19.30	35.9	23.5	0.0	0.00	77.8	11.0	0.0	0.0	350	17-Sep
PX13	84	262	22.20	37.1	22.3	0.0	0.00	121.0	9.5	0.0	0.0	350	18-Sep
PX13	84	263	21.70	35.3	21.5	0.0	0.00	95.0	10.5	0.0	0.0	350	19-Sep
PX13	84	264	21.50	33.7	21.7	0.0	0.00	112.3	9.4	0.0	0.0	350	20-Sep
PX13	84	265	18.80	32.6	21.8	2.0	0.00	121.0	12.4	0.0	0.0	350	21-Sep
PX13	84	266	20.90	32.1	20.0	0.0	0.00	138.2	12.9	0.0	0.0	350	22-Sep
PX13	84	267	19.60	32.0	21.3	0.0	0.00	121.0	12.5	0.0	0.0	350	23-Sep
PX13	84	268	3.70	30.8	19.5	0.0	0.00	86.4	12.0	0.0	0.0	350	24-Sep
PX13	84	269	3.90	24.3	19.1	8.0	0.00	69.1	17.3	0.0	0.0	350	25-Sep
PX13	84	270	20.10	20.8	16.8	20.0	0.00	17.3	16.4	0.0	0.0	350	26-Sep
PX13	84	271	20.60	28.3	15.0	0.0	0.00	17.3	16.0	0.0	0.0	350	27-Sep
PX13	84	272	20.00	29.8	17.3	0.0	0.00	25.9	13.7	0.0	0.0	350	28-Sep
PX13	84	273	14.20	30.6	16.9	0.0	0.00	51.8	13.7	0.0	0.0	350	29-Sep
PX13	84	274	17.60	28.9	15.7	0.0	0.00	146.9	15.8	0.0	0.0	350	30-Sep
PX13	84	275	18.60	29.0	15.1	0.0	0.00	86.4	15.0	0.0	0.0	350	01-Oct
PX13	84	276	18.60	26.1	13.8	0.0	0.00	86.4	15.1	0.0	0.0	350	02-Oct
PX13	84	277	18.70	26.1	13.8	5.0	0.00	77.8	15.1	0.0	0.0	350	03-Oct
PX13	84	278	18.90	23.8	11.6	0.0	0.00	69.1	15.0	0.0	0.0	350	04-Oct
PX13	84	279	19.00	32.9	16.4	0.0	0.00	69.1	13.1	0.0	0.0	350	05-Oct
PX13	84	280	19.00	29.8	13.8	0.0	0.00	60.5	10.1	0.0	0.0	350	06-Oct
PX13	84	281	19.10	30.7	15.0	0.0	0.00	51.8	8.5	0.0	0.0	350	07-Oct
PX13	84	282	18.70	30.7	14.4	0.0	0.00	51.8	7.0	0.0	0.0	350	08-Oct
PX13	84	283	18.20	30.7	15.2	0.0	0.00	60.5	7.0	0.0	0.0	350	09-Oct
PX13	84	284	17.70	29.2	15.1	0.0	0.00	86.4	8.4	0.0	0.0	350	10-Oct
PX13	84	285	14.30	27.9	16.4	0.0	0.00	60.5	13.1	0.0	0.0	350	11-Oct
PX13	84	286	17.60	26.6	17.5	0.0	0.00	60.5	12.9	0.0	0.0	350	12-Oct
PX13	84	287	16.60	28.1	13.1	0.0	0.00	112.3	7.0	0.0	0.0	350	13-Oct
PX13	84	288	17.80	25.2	12.3	0.0	0.00	69.1	4.8	0.0	0.0	350	14-Oct
PX13	84	289	14.80	20.7	7.2	0.0	0.00	164.2	4.3	0.0	0.0	350	15-Oct
PX13	84	290	17.20	27.7	14.0	0.0	0.00	103.7	0.6	0.0	0.0	350	16-Oct

FILENAME: PX060407.W84

WEATHER DATA FOR CO2-AMBIENT, IRRIGATION-DRY, REP-#1

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC      ↓      CO2YR WINDYR  
 PX06 33.40 112.00 2.30 0 1 1 0 1 350 0.0

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00
<u>INSTW</u>	<u>JUL</u>		<u>XTMAX</u>		<u>XRAIN</u>		<u>WIND</u>		<u>STMAX</u>		<u>CO2</u>	
PX06	84	97	8.03	23.9	12.2	0.0	0.00	122.0	6.5	0.0	0.0	350 06-Apr
PX06	84	98	20.22	24.4	10.6	0.0	0.00	162.5	6.5	0.0	0.0	350 07-Apr
PX06	84	99	26.03	27.2	11.1	0.0	0.00	184.8	7.8	0.0	0.0	350 08-Apr
PX06	84	100	25.94	27.2	15.0	0.0	0.00	138.7	12.8	0.0	0.0	350 09-Apr
PX06	84	101	21.02	27.8	12.2	0.0	0.00	147.1	12.4	0.0	0.0	350 10-Apr
PX06	84	102	25.03	30.0	15.0	0.0	0.00	140.1	6.7	0.0	0.0	350 11-Apr
PX06	84	103	26.47	32.2	17.2	0.0	0.00	119.2	8.5	0.0	0.0	350 12-Apr
PX06	84	104	26.88	35.1	16.7	0.0	0.00	131.8	4.5	0.0	0.0	350 13-Apr
PX06	84	105	27.78	36.7	18.3	0.0	0.00	133.2	6.1	0.0	0.0	350 14-Apr
PX06	84	106	27.71	37.2	18.9	0.0	0.00	142.9	8.6	0.0	0.0	350 15-Apr
PX06	84	107	27.41	38.3	21.1	0.0	0.00	190.4	12.2	0.0	0.0	350 16-Apr
PX06	84	108	20.87	34.4	21.1	0.0	0.00	162.5	12.4	0.0	0.0	350 17-Apr
PX06	84	109	26.49	32.2	18.9	0.0	0.00	232.2	11.9	0.0	0.0	350 18-Apr
PX06	84	110	26.04	27.8	17.2	0.0	0.00	175.0	17.2	0.0	0.0	350 19-Apr
PX06	84	111	28.36	23.9	12.8	0.0	0.00	106.7	16.3	0.0	0.0	350 20-Apr
PX06	84	112	28.41	32.6	12.8	0.0	0.00	122.0	15.8	0.0	0.0	350 21-Apr
PX06	84	113	28.17	31.1	15.1	0.0	0.00	115.0	13.5	0.0	0.0	350 22-Apr
PX06	84	114	30.04	33.9	15.1	0.0	0.00	163.9	13.5	0.0	0.0	350 23-Apr
PX06	84	115	30.34	34.2	14.1	0.0	0.00	244.8	11.3	0.0	0.0	350 24-Apr
PX06	84	116	18.07	29.4	13.6	0.0	0.00	239.2	10.5	0.0	0.0	350 25-Apr
PX06	84	117	13.86	26.6	10.6	0.0	0.00	162.5	10.7	0.0	0.0	350 26-Apr
PX06	84	118	9.55	26.6	8.7	0.0	0.00	140.1	10.7	0.0	0.0	350 27-Apr
PX06	84	119	1.43	24.3	11.1	0.0	0.00	142.9	11.1	0.0	0.0	350 28-Apr
PX06	84	120	28.70	28.1	5.2	0.0	0.00	122.0	11.5	0.0	0.0	350 29-Apr
PX06	84	121	19.17	30.1	9.2	0.0	0.00	155.5	10.1	0.0	0.0	350 30-Apr
PX06	84	122	22.03	31.3	11.1	0.0	0.00	142.9	8.8	0.0	0.0	350 01-May
PX06	84	123	28.45	32.0	11.6	0.0	0.00	141.5	8.6	0.0	0.0	350 02-May
PX06	84	124	29.76	34.2	15.6	0.0	0.00	175.0	10.4	0.0	0.0	350 03-May
PX06	84	125	30.46	34.8	17.1	0.0	0.00	170.8	12.3	0.0	0.0	350 04-May
PX06	84	126	29.90	34.2	17.6	0.0	0.00	152.7	15.1	0.0	0.0	350 05-May
PX06	84	127	30.20	34.2	16.6	0.0	0.00	107.9	13.3	0.0	0.0	350 06-May
PX06	84	128	30.00	35.2	17.6	0.0	0.00	64.5	13.0	0.0	0.0	350 07-May
PX06	84	129	31.00	36.1	16.1	0.0	0.00	144.4	12.7	0.0	0.0	350 08-May
PX06	84	130	30.25	37.1	18.1	0.0	0.00	144.3	12.7	0.0	0.0	350 09-May
PX06	84	131	30.25	37.4	17.6	0.0	0.00	180.5	11.9	0.0	0.0	350 10-May
PX06	84	132	30.50	36.7	18.1	0.0	0.00	114.7	12.3	0.0	0.0	350 11-May
PX06	84	133	17.50	35.8	19.6	0.0	0.00	136.6	12.2	0.0	0.0	350 12-May
PX06	84	134	29.50	37.1	19.6	0.0	0.00	166.8	11.2	0.0	0.0	350 13-May
PX06	84	135	27.60	36.7	21.5	0.0	0.00	233.8	10.3	0.0	0.0	350 14-May
PX06	84	136	24.00	35.2	18.1	0.0	0.00	185.0	12.0	0.0	0.0	350 15-May
PX06	84	137	30.70	34.8	16.1	0.0	0.00	187.2	13.1	0.0	0.0	350 16-May
PX06	84	138	30.25	35.2	18.6	0.0	0.00	134.9	13.0	0.0	0.0	350 17-May
PX06	84	139	30.40	35.8	18.6	0.0	0.00	122.5	12.6	0.0	0.0	350 18-May
PX06	84	140	31.00	36.4	18.6	0.0	0.00	110.5	14.4	0.0	0.0	350 19-May
PX06	84	141	30.70	36.7	19.1	0.0	0.00	147.3	14.9	0.0	0.0	350 20-May
PX06	84	142	30.60	37.1	19.6	0.0	0.00	144.7	8.1	0.0	0.0	350 21-May

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX	CO2			
PX06	84	143	31.20	37.4	19.6	0.0	0.00	123.0	5.9	0.0	0.0	350	22-May
PX06	84	144	31.00	38.7	18.6	0.0	0.00	133.1	2.1	0.0	0.0	350	23-May
PX06	84	145	31.40	38.3	19.6	0.0	0.00	146.1	-2.2	0.0	0.0	350	24-May
PX06	84	146	31.60	38.3	19.6	0.0	0.00	140.2	5.3	0.0	0.0	350	25-May
PX06	84	147	31.20	38.7	19.1	0.0	0.00	149.4	5.8	0.0	0.0	350	26-May
PX06	84	148	31.60	39.0	20.1	0.0	0.00	149.0	4.8	0.0	0.0	350	27-May
PX06	84	149	31.80	40.3	20.1	0.0	0.00	152.7	4.3	0.0	0.0	350	28-May
PX06	84	150	27.40	39.3	23.5	0.0	0.00	224.6	7.0	0.0	0.0	350	29-May
PX06	84	151	22.30	38.6	24.5	0.0	0.00	181.4	6.7	0.0	0.0	350	30-May
PX06	84	152	29.20	36.0	20.0	0.0	0.00	112.3	11.3	0.0	0.0	350	31-May
PX06	84	153	30.70	36.1	21.9	0.0	0.00	164.2	7.5	0.0	0.0	350	01-Jun
PX06	84	154	30.60	37.1	20.1	0.0	0.00	181.4	5.8	0.0	0.0	350	02-Jun
PX06	84	155	31.40	36.7	21.8	0.0	0.00	190.1	0.2	0.0	0.0	350	03-Jun
PX06	84	156	26.70	35.1	18.2	0.0	0.00	181.4	6.7	0.0	0.0	350	04-Jun
PX06	84	157	25.30	32.8	17.8	0.0	0.00	138.2	6.5	0.0	0.0	350	05-Jun
PX06	84	158	29.40	34.0	17.7	0.0	0.00	181.4	5.9	0.0	0.0	350	06-Jun
PX06	84	159	31.40	33.4	19.2	0.0	0.00	155.5	5.1	0.0	0.0	350	07-Jun
PX06	84	160	30.80	35.1	17.3	0.0	0.00	129.6	3.4	0.0	0.0	350	08-Jun
PX06	84	161	30.90	36.9	16.1	0.0	0.00	65.0	0.2	0.0	0.0	350	09-Jun
PX06	84	162	30.80	39.6	19.6	0.0	0.00	198.7	-0.7	0.0	0.0	350	10-Jun
PX06	84	163	30.90	37.6	17.8	0.0	0.00	190.1	-1.4	0.0	0.0	350	11-Jun
PX06	84	164	31.60	38.9	16.5	0.0	0.00	190.1	-1.4	0.0	0.0	350	12-Jun
PX06	84	165	31.80	35.5	17.3	0.0	0.00	155.5	4.6	0.0	0.0	350	13-Jun
PX06	84	166	31.30	39.2	19.4	0.0	0.00	164.2	-3.3	0.0	0.0	350	14-Jun
PX06	84	167	32.00	39.6	18.4	0.0	0.00	112.3	-4.7	0.0	0.0	350	15-Jun
PX06	84	168	31.70	37.2	18.7	0.0	0.00	112.3	2.7	0.0	0.0	350	16-Jun
PX06	84	169	31.80	39.1	16.6	0.0	0.00	65.0	-9.0	0.0	0.0	350	17-Jun
PX06	84	170	30.90	40.2	17.8	0.0	0.00	112.3	-4.7	0.0	0.0	350	18-Jun
PX06	84	171	30.60	41.3	21.6	0.0	0.00	112.3	-1.4	0.0	0.0	350	19-Jun
PX06	84	172	31.90	37.7	19.6	0.0	0.00	138.2	1.1	0.0	0.0	350	20-Jun
PX06	84	173	31.70	38.1	17.7	0.0	0.00	164.2	1.5	0.0	0.0	350	21-Jun
PX06	84	174	31.00	35.2	18.9	0.0	0.00	112.3	6.1	0.0	0.0	350	22-Jun
PX06	84	175	29.60	36.4	18.9	0.0	0.00	103.7	5.8	0.0	0.0	350	23-Jun
PX06	84	176	23.20	37.1	21.4	0.0	0.00	103.7	10.4	0.0	0.0	350	24-Jun
PX06	84	177	24.00	34.0	22.3	4.0	0.00	146.9	22.5	0.0	0.0	350	25-Jun
PX06	84	178	29.70	36.3	24.3	0.0	0.00	103.7	17.4	0.0	0.0	350	26-Jun
PX06	84	179	23.70	37.9	25.6	0.0	0.00	65.0	15.2	0.0	0.0	350	27-Jun
PX06	84	180	29.80	38.5	22.4	0.0	0.00	164.2	16.4	0.0	0.0	350	28-Jun
PX06	84	181	29.40	36.4	22.9	3.0	0.00	164.2	17.4	0.0	0.0	350	29-Jun
PX06	84	182	18.30	33.9	24.0	1.0	0.00	103.7	16.7	0.0	0.0	350	30-Jun
PX06	84	183	25.30	36.5	21.3	0.0	0.00	129.6	15.7	0.0	0.0	350	01-Jul
PX06	84	184	22.80	33.5	22.1	0.0	0.00	129.6	17.7	0.0	0.0	350	02-Jul
PX06	84	185	20.30	37.6	25.0	0.0	0.00	129.6	14.9	0.0	0.0	350	03-Jul
PX06	84	186	30.80	39.3	26.3	0.0	0.00	138.2	14.7	0.0	0.0	350	04-Jul
PX06	84	187	29.90	39.2	26.6	0.0	0.00	103.7	13.7	0.0	0.0	350	05-Jul
PX06	84	188	28.40	39.9	26.6	0.0	0.00	138.2	14.5	0.0	0.0	350	06-Jul
PX06	84	189	29.70	38.3	24.0	0.0	0.00	146.9	14.9	0.0	0.0	350	07-Jul
PX06	84	190	28.50	35.8	25.9	0.0	0.00	198.7	16.2	0.0	0.0	350	08-Jul
PX06	84	191	29.90	38.7	24.2	0.0	0.00	138.2	16.3	0.0	0.0	350	09-Jul
PX06	84	192	29.30	40.6	25.9	0.0	0.00	155.5	14.9	0.0	0.0	350	10-Jul
PX06	84	193	24.80	33.4	25.5	0.0	0.00	129.6	16.4	0.0	0.0	350	11-Jul
PX06	84	194	23.80	34.0	22.4	0.0	0.00	129.6	17.7	0.0	0.0	350	12-Jul



	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX06	84	195	22.50	33.5	22.1	5.0	0.00	129.6	18.8	0.0	0.0	350	13-Jul
PX06	84	196	28.50	35.1	22.4	0.0	0.00	146.9	20.5	0.0	0.0	350	14-Jul
PX06	84	197	29.60	33.2	23.8	0.0	0.00	181.4	19.3	0.0	0.0	350	15-Jul
PX06	84	198	28.80	38.2	23.3	0.0	0.00	190.1	19.9	0.0	0.0	350	16-Jul
PX06	84	199	24.60	34.2	22.8	1.0	0.00	146.9	18.7	0.0	0.0	350	17-Jul
PX06	84	200	21.50	33.9	22.2	9.0	0.00	129.6	17.8	0.0	0.0	350	18-Jul
PX06	84	201	18.90	33.4	22.1	0.0	0.00	121.0	18.4	0.0	0.0	350	19-Jul
PX06	84	202	23.10	37.5	20.4	3.0	0.00	138.2	20.3	0.0	0.0	350	20-Jul
PX06	84	203	16.50	28.4	18.4	34.0	0.00	65.0	19.5	0.0	0.0	350	21-Jul
PX06	84	204	16.60	28.5	21.9	0.0	0.00	103.7	20.1	0.0	0.0	350	22-Jul
PX06	84	205	29.60	32.0	20.7	0.0	0.00	86.4	19.9	0.0	0.0	350	23-Jul
PX06	84	206	25.50	34.1	23.6	0.0	0.00	69.1	19.5	0.0	0.0	350	24-Jul
PX06	84	207	23.60	36.7	24.8	0.0	0.00	95.0	16.4	0.0	0.0	350	25-Jul
PX06	84	208	26.90	34.9	22.2	0.0	0.00	112.3	14.8	0.0	0.0	350	26-Jul
PX06	84	209	18.00	31.8	19.7	0.0	0.00	112.3	17.6	0.0	0.0	350	27-Jul
PX06	84	210	26.50	34.4	19.1	100.0	0.00	65.0	17.4	0.0	0.0	350	28-Jul
PX06	84	211	25.80	30.9	21.3	0.0	0.00	77.8	19.9	0.0	0.0	350	29-Jul
PX06	84	212	26.90	31.6	22.2	0.0	0.00	69.1	20.9	0.0	0.0	350	30-Jul
PX06	84	213	23.70	33.0	23.7	0.0	0.00	86.4	19.2	0.0	0.0	350	31-Jul
PX06	84	214	26.90	33.5	22.7	0.0	0.00	95.0	16.2	0.0	0.0	350	01-Aug
PX06	84	215	24.50	32.9	21.6	0.0	0.00	60.5	15.5	0.0	0.0	350	02-Aug
PX06	84	216	27.60	35.5	22.2	0.0	0.00	77.8	15.2	0.0	0.0	350	03-Aug
PX06	84	217	27.60	37.4	23.0	0.0	0.00	121.0	14.6	0.0	0.0	350	04-Aug
PX06	84	218	26.80	36.0	23.1	0.0	0.00	103.7	15.8	0.0	0.0	350	05-Aug
PX06	84	219	27.70	38.1	23.7	0.0	0.00	112.3	14.7	0.0	0.0	350	06-Aug
PX06	84	220	26.60	37.8	23.5	0.0	0.00	112.3	14.1	0.0	0.0	350	07-Aug
PX06	84	221	27.10	33.4	21.2	0.0	0.00	129.6	17.5	0.0	0.0	350	08-Aug
PX06	84	222	21.50	30.4	20.9	5.0	0.00	138.2	19.5	0.0	0.0	350	09-Aug
PX06	84	223	24.70	30.0	21.2	0.0	0.00	95.0	20.2	0.0	0.0	350	10-Aug
PX06	84	224	12.40	30.2	22.9	0.0	0.00	121.0	20.2	0.0	0.0	350	11-Aug
PX06	84	225	26.30	32.9	21.9	0.0	0.00	86.4	19.3	0.0	0.0	350	12-Aug
PX06	84	226	26.60	32.1	24.0	0.0	0.00	138.2	20.2	0.0	0.0	350	13-Aug
PX06	84	227	20.30	31.3	20.0	2.0	0.00	112.3	19.5	0.0	0.0	350	14-Aug
PX06	84	228	23.80	32.9	22.9	0.0	0.00	86.4	19.9	0.0	0.0	350	15-Aug
PX06	84	229	23.60	33.7	23.8	0.0	0.00	112.3	18.9	0.0	0.0	350	16-Aug
PX06	84	230	22.00	33.8	22.3	0.0	0.00	112.3	18.7	0.0	0.0	350	17-Aug
PX06	84	231	21.30	32.1	20.7	0.0	0.00	95.0	17.5	0.0	0.0	350	18-Aug
PX06	84	232	21.50	31.0	22.1	0.0	0.00	112.3	18.6	0.0	0.0	350	19-Aug
PX06	84	233	22.30	32.4	20.7	0.0	0.00	95.0	18.3	0.0	0.0	350	20-Aug
PX06	84	234	25.50	35.2	20.0	0.0	0.00	86.4	17.1	0.0	0.0	350	21-Aug
PX06	84	235	19.50	35.0	22.0	0.0	0.00	121.0	15.0	0.0	0.0	350	22-Aug
PX06	84	236	14.30	31.0	22.9	2.0	0.00	86.4	15.5	0.0	0.0	350	23-Aug
PX06	84	237	24.70	35.7	20.3	0.0	0.00	112.3	15.2	0.0	0.0	350	24-Aug
PX06	84	238	23.10	35.5	20.6	0.0	0.00	86.4	15.5	0.0	0.0	350	25-Aug
PX06	84	239	25.30	37.6	23.1	0.0	0.00	69.1	15.0	0.0	0.0	350	26-Aug
PX06	84	240	22.30	37.0	21.1	0.0	0.00	51.8	16.6	0.0	0.0	350	27-Aug
PX06	84	241	24.80	37.2	24.4	0.0	0.00	0.0	18.6	0.0	0.0	350	28-Aug
PX06	84	242	25.30	39.9	23.2	0.0	0.00	0.0	14.8	0.0	0.0	350	29-Aug
PX06	84	243	25.00	42.4	23.0	0.0	0.00	17.3	20.2	0.0	0.0	350	30-Aug
PX06	84	244	21.30	33.8	24.1	0.0	0.00	51.8	21.5	0.0	0.0	350	31-Aug
PX06	84	245	24.10	33.0	18.7	20.0	0.00	60.5	18.8	0.0	0.0	350	01-Sep
PX06	84	246	24.10	31.1	19.1	0.0	0.00	17.3	20.5	0.0	0.0	350	02-Sep

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX06	84	247	24.50	35.2	21.8	0.0	0.00	77.8	19.4	0.0	0.0	350	03-Sep
PX06	84	248	24.80	36.4	22.2	0.0	0.00	138.2	13.4	0.0	0.0	350	04-Sep
PX06	84	249	26.10	35.5	17.5	0.0	0.00	138.2	5.4	0.0	0.0	350	05-Sep
PX06	84	250	25.40	34.8	15.6	0.0	0.00	95.0	6.5	0.0	0.0	350	06-Sep
PX06	84	251	24.10	33.4	17.2	0.0	0.00	86.4	10.9	0.0	0.0	350	07-Sep
PX06	84	252	23.90	33.7	21.0	0.0	0.00	86.4	16.9	0.0	0.0	350	08-Sep
PX06	84	253	22.00	33.3	20.9	0.0	0.00	112.3	17.8	0.0	0.0	350	09-Sep
PX06	84	254	21.50	32.7	20.1	46.0	0.00	86.4	21.5	0.0	0.0	350	10-Sep
PX06	84	255	15.10	29.2	18.6	0.0	0.00	86.4	23.8	0.0	0.0	350	11-Sep
PX06	84	256	22.30	38.4	20.7	0.0	0.00	77.8	21.2	0.0	0.0	350	12-Sep
PX06	84	257	22.10	32.2	19.6	0.0	0.00	77.8	18.0	0.0	0.0	350	13-Sep
PX06	84	258	21.80	33.2	20.8	0.0	0.00	69.1	17.4	0.0	0.0	350	14-Sep
PX06	84	259	23.10	36.0	22.7	1.0	0.00	155.5	12.3	0.0	0.0	350	15-Sep
PX06	84	260	23.10	34.9	21.1	0.0	0.00	95.0	12.7	0.0	0.0	350	16-Sep
PX06	84	261	19.30	35.7	21.5	0.0	0.00	77.8	12.4	0.0	0.0	350	17-Sep
PX06	84	262	22.20	37.1	20.9	0.0	0.00	121.0	11.0	0.0	0.0	350	18-Sep
PX06	84	263	21.70	36.0	20.1	0.0	0.00	95.0	11.9	0.0	0.0	350	19-Sep
PX06	84	264	21.50	35.8	20.5	0.0	0.00	112.3	10.6	0.0	0.0	350	20-Sep
PX06	84	265	18.80	34.6	20.7	2.0	0.00	121.0	13.1	0.0	0.0	350	21-Sep
PX06	84	266	20.90	33.6	19.3	0.0	0.00	138.2	13.6	0.0	0.0	350	22-Sep
PX06	84	267	19.60	33.8	20.7	0.0	0.00	121.0	13.0	0.0	0.0	350	23-Sep
PX06	84	268	3.70	33.3	19.3	0.0	0.00	86.4	12.3	0.0	0.0	350	24-Sep
PX06	84	269	3.90	24.8	18.7	8.0	0.00	69.1	17.7	0.0	0.0	350	25-Sep
PX06	84	270	20.10	20.3	16.7	20.0	0.00	17.3	16.7	0.0	0.0	350	26-Sep
PX06	84	271	20.60	28.3	15.0	0.0	0.00	17.3	16.7	0.0	0.0	350	27-Sep
PX06	84	272	20.00	30.5	17.0	0.0	0.00	25.9	14.7	0.0	0.0	350	28-Sep
PX06	84	273	14.20	31.8	16.3	0.0	0.00	51.8	14.5	0.0	0.0	350	29-Sep
PX06	84	274	17.60	29.8	16.9	0.0	0.00	146.9	12.6	0.0	0.0	350	30-Sep
PX06	84	275	18.60	30.3	18.1	0.0	0.00	86.4	11.8	0.0	0.0	350	01-Oct
PX06	84	276	18.60	29.2	15.8	0.0	0.00	86.4	11.5	0.0	0.0	350	02-Oct
PX06	84	277	18.70	29.2	15.8	5.0	0.00	77.8	11.5	0.0	0.0	350	03-Oct
PX06	84	278	18.90	26.0	11.6	0.0	0.00	69.1	12.2	0.0	0.0	350	04-Oct
PX06	84	279	19.00	26.7	11.9	0.0	0.00	69.1	11.8	0.0	0.0	350	05-Oct
PX06	84	280	19.00	29.7	12.5	0.0	0.00	60.5	9.7	0.0	0.0	350	06-Oct
PX06	84	281	19.10	31.8	13.4	0.0	0.00	51.8	9.0	0.0	0.0	350	07-Oct
PX06	84	282	18.70	32.6	13.8	0.0	0.00	51.8	7.7	0.0	0.0	350	08-Oct
PX06	84	283	18.20	32.1	14.4	0.0	0.00	60.5	8.4	0.0	0.0	350	09-Oct
PX06	84	284	17.70	31.1	14.5	0.0	0.00	86.4	10.9	0.0	0.0	350	10-Oct
PX06	84	285	14.30	30.6	16.3	0.0	0.00	60.5	14.2	0.0	0.0	350	11-Oct
PX06	84	286	17.60	29.6	16.7	0.0	0.00	60.5	14.9	0.0	0.0	350	12-Oct
PX06	84	287	16.60	29.5	13.4	0.0	0.00	112.3	11.2	0.0	0.0	350	13-Oct
PX06	84	288	17.80	29.5	12.9	0.0	0.00	69.1	9.8	0.0	0.0	350	14-Oct
PX06	84	289	14.80	26.9	12.8	0.0	0.00	164.2	5.4	0.0	0.0	350	15-Oct
PX06	84	290	17.20	23.5	8.0	0.0	0.00	103.7	-4.1	0.0	0.0	350	16-Oct

FILENAME: PX120407.W84

WEATHER DATA FOR CO2=AMBIENT, IRRIGATION=DRY, REP=#2

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC      ↓      CO2YR WINDYR  
 PX12 33.40 112.00 2.30 0 1 1 0 1 350 0.0

IYR		SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX12	84	97	8.03	23.9	12.2	0.0	0.00	122.0	6.5	0.0	0.0	350	06-Apr
PX12	84	98	20.22	24.4	10.6	0.0	0.00	162.5	6.5	0.0	0.0	350	07-Apr
PX12	84	99	26.03	27.2	11.1	0.0	0.00	184.8	7.8	0.0	0.0	350	08-Apr
PX12	84	100	25.94	27.2	15.0	0.0	0.00	138.7	12.8	0.0	0.0	350	09-Apr
PX12	84	101	21.02	27.8	12.2	0.0	0.00	147.1	12.4	0.0	0.0	350	10-Apr
PX12	84	102	25.03	30.0	15.0	0.0	0.00	140.1	6.7	0.0	0.0	350	11-Apr
PX12	84	103	26.47	32.2	17.2	0.0	0.00	119.2	8.5	0.0	0.0	350	12-Apr
PX12	84	104	26.88	35.1	16.7	0.0	0.00	131.8	4.5	0.0	0.0	350	13-Apr
PX12	84	105	27.78	36.7	18.3	0.0	0.00	133.2	6.1	0.0	0.0	350	14-Apr
PX12	84	106	27.71	37.2	18.9	0.0	0.00	142.9	8.6	0.0	0.0	350	15-Apr
PX12	84	107	27.41	38.3	21.1	0.0	0.00	190.4	12.2	0.0	0.0	350	16-Apr
PX12	84	108	20.87	34.4	21.1	0.0	0.00	162.5	12.4	0.0	0.0	350	17-Apr
PX12	84	109	26.49	32.2	18.9	0.0	0.00	232.2	11.9	0.0	0.0	350	18-Apr
PX12	84	110	26.04	27.8	17.2	0.0	0.00	175.0	17.2	0.0	0.0	350	19-Apr
PX12	84	111	28.36	23.9	12.8	0.0	0.00	106.7	16.3	0.0	0.0	350	20-Apr
PX12	84	112	28.41	32.6	12.8	0.0	0.00	122.0	15.8	0.0	0.0	350	21-Apr
PX12	84	113	28.17	31.1	15.1	0.0	0.00	115.0	13.5	0.0	0.0	350	22-Apr
PX12	84	114	30.04	33.8	14.1	0.0	0.00	163.9	13.5	0.0	0.0	350	23-Apr
PX12	84	115	30.34	34.1	12.9	0.0	0.00	244.8	11.3	0.0	0.0	350	24-Apr
PX12	84	116	18.07	29.8	12.3	0.0	0.00	239.2	10.5	0.0	0.0	350	25-Apr
PX12	84	117	13.86	27.2	8.8	0.0	0.00	162.5	10.7	0.0	0.0	350	26-Apr
PX12	84	118	9.55	27.2	9.4	0.0	0.00	140.1	10.7	0.0	0.0	350	27-Apr
PX12	84	119	1.43	25.1	9.4	0.0	0.00	142.9	11.1	0.0	0.0	350	28-Apr
PX12	84	120	28.70	28.6	2.3	0.0	0.00	122.0	11.5	0.0	0.0	350	29-Apr
PX12	84	121	19.17	30.3	7.0	0.0	0.00	155.5	10.1	0.0	0.0	350	30-Apr
PX12	84	122	22.03	31.5	9.4	0.0	0.00	142.9	8.8	0.0	0.0	350	01-May
PX12	84	123	28.45	32.1	10.0	0.0	0.00	141.5	8.6	0.0	0.0	350	02-May
PX12	84	124	29.76	34.1	14.7	0.0	0.00	175.0	10.4	0.0	0.0	350	03-May
PX12	84	125	30.46	34.7	16.5	0.0	0.00	170.8	12.3	0.0	0.0	350	04-May
PX12	84	126	29.90	34.1	17.0	0.0	0.00	152.7	15.1	0.0	0.0	350	05-May
PX12	84	127	30.20	34.1	15.9	0.0	0.00	107.9	13.3	0.0	0.0	350	06-May
PX12	84	128	30.00	34.9	17.0	0.0	0.00	64.5	13.0	0.0	0.0	350	07-May
PX12	84	129	31.00	35.8	15.3	0.0	0.00	144.4	12.7	0.0	0.0	350	08-May
PX12	84	130	30.25	36.7	17.6	0.0	0.00	144.3	12.7	0.0	0.0	350	09-May
PX12	84	131	30.25	37.0	17.0	0.0	0.00	180.5	11.9	0.0	0.0	350	10-May
PX12	84	132	30.50	36.4	17.6	0.0	0.00	114.7	12.3	0.0	0.0	350	11-May
PX12	84	133	17.50	35.5	19.4	0.0	0.00	136.6	12.2	0.0	0.0	350	12-May
PX12	84	134	29.50	36.7	19.4	0.0	0.00	166.8	11.2	0.0	0.0	350	13-May
PX12	84	135	27.60	36.4	21.8	0.0	0.00	233.8	10.3	0.0	0.0	350	14-May
PX12	84	136	24.00	34.9	17.6	0.0	0.00	185.0	12.0	0.0	0.0	350	15-May
PX12	84	137	30.70	34.7	15.3	0.0	0.00	187.2	13.1	0.0	0.0	350	16-May
PX12	84	138	30.25	34.9	18.2	0.0	0.00	134.9	13.0	0.0	0.0	350	17-May
PX12	84	139	30.40	35.5	18.2	0.0	0.00	122.5	12.6	0.0	0.0	350	18-May
PX12	84	140	31.00	36.1	18.2	0.0	0.00	110.5	14.4	0.0	0.0	350	19-May
PX12	84	141	30.70	36.4	18.8	0.0	0.00	147.3	14.9	0.0	0.0	350	20-May
PX12	84	142	30.60	36.7	19.4	0.0	0.00	144.7	8.1	0.0	0.0	350	21-May

	IYR	SOLRAD		XTMIN	XPAR			DEWPT	STMIN		A00		
INSTW	JUL	XTMAX	XRAIN	WIND	STMAX	CO2							
PX12	84	143	31.20	37.0	19.4	0.0	0.00	123.0	5.9	0.0	0.0	350	22-May
PX12	84	144	31.00	38.1	18.2	0.0	0.00	133.1	2.1	0.0	0.0	350	23-May
PX12	84	145	31.40	37.8	19.4	0.0	0.00	146.1	-2.2	0.0	0.0	350	24-May
PX12	84	146	31.60	37.8	19.4	0.0	0.00	140.2	5.3	0.0	0.0	350	25-May
PX12	84	147	31.20	38.1	18.8	0.0	0.00	149.4	5.8	0.0	0.0	350	26-May
PX12	84	148	31.60	38.4	20.0	0.0	0.00	149.0	4.8	0.0	0.0	350	27-May
PX12	84	149	31.80	39.6	20.0	0.0	0.00	152.7	4.3	0.0	0.0	350	28-May
PX12	84	150	27.40	38.7	24.1	0.0	0.00	224.6	6.8	0.0	0.0	350	29-May
PX12	84	151	22.30	37.5	24.9	0.0	0.00	181.4	8.2	0.0	0.0	350	30-May
PX12	84	152	29.20	36.1	20.6	0.0	0.00	112.3	12.1	0.0	0.0	350	31-May
PX12	84	153	30.70	36.4	22.1	0.0	0.00	164.2	7.5	0.0	0.0	350	01-Jun
PX12	84	154	30.60	36.7	20.0	0.0	0.00	181.4	5.9	0.0	0.0	350	02-Jun
PX12	84	155	31.40	36.8	22.6	0.0	0.00	190.1	-0.7	0.0	0.0	350	03-Jun
PX12	84	156	26.70	34.7	18.6	0.0	0.00	181.4	6.2	0.0	0.0	350	04-Jun
PX12	84	157	25.30	32.4	18.4	0.0	0.00	138.2	6.4	0.0	0.0	350	05-Jun
PX12	84	158	29.40	33.7	18.6	0.0	0.00	181.4	5.6	0.0	0.0	350	06-Jun
PX12	84	159	31.40	32.8	19.6	0.0	0.00	155.5	4.6	0.0	0.0	350	07-Jun
PX12	84	160	30.80	34.6	17.7	0.0	0.00	129.6	6.2	0.0	0.0	350	08-Jun
PX12	84	161	30.90	36.7	13.1	0.0	0.00	65.0	7.5	0.0	0.0	350	09-Jun
PX12	84	162	30.80	38.7	16.4	0.0	0.00	198.7	6.7	0.0	0.0	350	10-Jun
PX12	84	163	30.90	37.1	13.3	0.0	0.00	190.1	8.1	0.0	0.0	350	11-Jun
PX12	84	164	31.60	38.3	12.7	0.0	0.00	190.1	7.5	0.0	0.0	350	12-Jun
PX12	84	165	31.80	38.6	18.1	0.0	0.00	155.5	5.9	0.0	0.0	350	13-Jun
PX12	84	166	31.30	38.8	19.7	0.0	0.00	164.2	4.8	0.0	0.0	350	14-Jun
PX12	84	167	32.00	38.7	18.8	0.0	0.00	112.3	4.3	0.0	0.0	350	15-Jun
PX12	84	168	31.70	37.2	18.7	0.0	0.00	112.3	2.7	0.0	0.0	350	16-Jun
PX12	84	169	31.80	38.3	17.2	0.0	0.00	65.0	2.9	0.0	0.0	350	17-Jun
PX12	84	170	30.90	39.3	18.5	0.0	0.00	112.3	6.7	0.0	0.0	350	18-Jun
PX12	84	171	30.60	39.6	22.0	0.0	0.00	112.3	7.4	0.0	0.0	350	19-Jun
PX12	84	172	31.90	37.3	19.4	0.0	0.00	138.2	4.6	0.0	0.0	350	20-Jun
PX12	84	173	31.70	36.2	18.1	0.0	0.00	164.2	3.4	0.0	0.0	350	21-Jun
PX12	84	174	31.00	34.4	19.7	0.0	0.00	112.3	7.0	0.0	0.0	350	22-Jun
PX12	84	175	29.60	35.8	19.0	0.0	0.00	103.7	6.8	0.0	0.0	350	23-Jun
PX12	84	176	23.20	36.7	21.4	0.0	0.00	103.7	11.0	0.0	0.0	350	24-Jun
PX12	84	177	24.00	33.8	22.2	4.0	0.00	146.9	18.0	0.0	0.0	350	25-Jun
PX12	84	178	29.70	36.4	24.7	0.0	0.00	103.7	17.4	0.0	0.0	350	26-Jun
PX12	84	179	23.70	37.9	26.1	0.0	0.00	65.0	15.2	0.0	0.0	350	27-Jun
PX12	84	180	29.80	38.2	22.9	0.0	0.00	164.2	16.4	0.0	0.0	350	28-Jun
PX12	84	181	29.40	35.9	23.4	3.0	0.00	164.2	17.6	0.0	0.0	350	29-Jun
PX12	84	182	18.30	33.6	24.1	1.0	0.00	103.7	16.8	0.0	0.0	350	30-Jun
PX12	84	183	25.30	35.9	21.4	0.0	0.00	129.6	15.8	0.0	0.0	350	01-Jul
PX12	84	184	22.80	35.2	22.6	0.0	0.00	129.6	16.9	0.0	0.0	350	02-Jul
PX12	84	185	20.30	36.5	25.1	0.0	0.00	129.6	15.1	0.0	0.0	350	03-Jul
PX12	84	186	30.80	38.8	26.3	0.0	0.00	138.2	14.8	0.0	0.0	350	04-Jul
PX12	84	187	29.90	37.7	26.4	0.0	0.00	103.7	14.6	0.0	0.0	350	05-Jul
PX12	84	188	28.40	37.8	26.2	0.0	0.00	138.2	15.4	0.0	0.0	350	06-Jul
PX12	84	189	29.70	35.8	24.0	0.0	0.00	146.9	15.7	0.0	0.0	350	07-Jul
PX12	84	190	28.50	34.2	26.0	0.0	0.00	198.7	16.7	0.0	0.0	350	08-Jul
PX12	84	191	29.90	36.1	24.2	0.0	0.00	138.2	16.7	0.0	0.0	350	09-Jul
PX12	84	192	29.30	37.7	25.9	0.0	0.00	155.5	15.6	0.0	0.0	350	10-Jul
PX12	84	193	24.80	33.1	25.5	0.0	0.00	129.6	16.0	0.0	0.0	350	11-Jul
PX12	84	194	23.80	33.4	22.2	0.0	0.00	129.6	18.0	0.0	0.0	350	12-Jul

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX12	84	195	22.50	32.4	22.1	5.0	0.00	129.6	19.0	0.0	0.0	350	13-Jul
PX12	84	196	28.50	35.1	22.4	0.0	0.00	146.9	20.2	0.0	0.0	350	14-Jul
PX12	84	197	29.60	32.3	23.9	0.0	0.00	181.4	19.4	0.0	0.0	350	15-Jul
PX12	84	198	28.80	34.4	24.5	0.0	0.00	190.1	18.3	0.0	0.0	350	16-Jul
PX12	84	199	24.60	33.3	23.0	1.0	0.00	146.9	18.7	0.0	0.0	350	17-Jul
PX12	84	200	21.50	33.9	22.2	9.0	0.00	129.6	18.2	0.0	0.0	350	18-Jul
PX12	84	201	18.90	32.5	22.3	0.0	0.00	121.0	18.4	0.0	0.0	350	19-Jul
PX12	84	202	23.10	31.7	20.6	3.0	0.00	138.2	18.9	0.0	0.0	350	20-Jul
PX12	84	203	16.50	37.0	18.4	34.0	0.00	65.0	21.1	0.0	0.0	350	21-Jul
PX12	84	204	16.60	28.5	22.1	0.0	0.00	103.7	20.1	0.0	0.0	350	22-Jul
PX12	84	205	29.60	31.5	21.1	0.0	0.00	86.4	19.9	0.0	0.0	350	23-Jul
PX12	84	206	25.50	33.2	23.6	0.0	0.00	69.1	18.6	0.0	0.0	350	24-Jul
PX12	84	207	23.60	35.9	24.8	0.0	0.00	95.0	16.0	0.0	0.0	350	25-Jul
PX12	84	208	26.90	33.9	22.3	0.0	0.00	112.3	15.1	0.0	0.0	350	26-Jul
PX12	84	209	18.00	30.9	22.2	0.0	0.00	112.3	18.0	0.0	0.0	350	27-Jul
PX12	84	210	26.50	34.4	19.1	100.0	0.00	65.0	17.4	0.0	0.0	350	28-Jul
PX12	84	211	25.80	30.8	21.7	0.0	0.00	77.8	19.6	0.0	0.0	350	29-Jul
PX12	84	212	26.90	31.8	22.4	0.0	0.00	69.1	18.7	0.0	0.0	350	30-Jul
PX12	84	213	23.70	32.8	23.8	0.0	0.00	86.4	19.1	0.0	0.0	350	31-Jul
PX12	84	214	26.90	32.9	22.7	0.0	0.00	95.0	16.2	0.0	0.0	350	01-Aug
PX12	84	215	24.50	32.3	21.8	0.0	0.00	60.5	15.8	0.0	0.0	350	02-Aug
PX12	84	216	27.60	33.9	21.9	0.0	0.00	77.8	15.7	0.0	0.0	350	03-Aug
PX12	84	217	27.60	35.5	23.1	0.0	0.00	121.0	15.3	0.0	0.0	350	04-Aug
PX12	84	218	26.80	34.3	23.4	0.0	0.00	103.7	16.4	0.0	0.0	350	05-Aug
PX12	84	219	27.70	36.2	23.9	0.0	0.00	112.3	15.0	0.0	0.0	350	06-Aug
PX12	84	220	26.60	36.5	23.6	0.0	0.00	112.3	14.3	0.0	0.0	350	07-Aug
PX12	84	221	27.10	33.4	22.6	0.0	0.00	129.6	17.8	0.0	0.0	350	08-Aug
PX12	84	222	21.50	30.5	21.7	5.0	0.00	138.2	21.1	0.0	0.0	350	09-Aug
PX12	84	223	24.70	30.0	21.7	0.0	0.00	95.0	19.7	0.0	0.0	350	10-Aug
PX12	84	224	12.40	30.2	23.6	0.0	0.00	121.0	19.9	0.0	0.0	350	11-Aug
PX12	84	225	26.30	33.0	22.3	0.0	0.00	86.4	18.9	0.0	0.0	350	12-Aug
PX12	84	226	26.60	31.6	24.3	0.0	0.00	138.2	19.7	0.0	0.0	350	13-Aug
PX12	84	227	20.30	31.1	20.4	0.0	0.00	112.3	19.4	0.0	0.0	350	14-Aug
PX12	84	228	23.80	31.9	23.1	0.0	0.00	86.4	19.7	0.0	0.0	350	15-Aug
PX12	84	229	23.60	33.0	24.0	0.0	0.00	112.3	18.9	0.0	0.0	350	16-Aug
PX12	84	230	22.00	33.0	22.6	0.0	0.00	112.3	18.7	0.0	0.0	350	17-Aug
PX12	84	231	21.30	31.2	20.9	0.0	0.00	95.0	17.5	0.0	0.0	350	18-Aug
PX12	84	232	21.50	29.9	22.4	0.0	0.00	112.3	18.6	0.0	0.0	350	19-Aug
PX12	84	233	22.30	31.3	21.1	0.0	0.00	95.0	17.6	0.0	0.0	350	20-Aug
PX12	84	234	25.50	33.3	21.6	0.0	0.00	86.4	15.7	0.0	0.0	350	21-Aug
PX12	84	235	19.50	34.3	22.2	0.0	0.00	121.0	14.7	0.0	0.0	350	22-Aug
PX12	84	236	14.30	30.7	23.2	2.0	0.00	86.4	15.9	0.0	0.0	350	23-Aug
PX12	84	237	24.70	34.2	20.4	0.0	0.00	112.3	15.4	0.0	0.0	350	24-Aug
PX12	84	238	23.10	33.9	20.7	0.0	0.00	86.4	15.8	0.0	0.0	350	25-Aug
PX12	84	239	25.30	35.3	23.4	0.0	0.00	69.1	15.3	0.0	0.0	350	26-Aug
PX12	84	240	22.30	35.5	21.1	0.0	0.00	51.8	15.2	0.0	0.0	350	27-Aug
PX12	84	241	24.80	35.6	24.4	0.0	0.00	0.0	16.5	0.0	0.0	350	28-Aug
PX12	84	242	25.30	38.0	22.8	0.0	0.00	0.0	15.0	0.0	0.0	350	29-Aug
PX12	84	243	25.00	34.9	22.7	0.0	0.00	17.3	15.4	0.0	0.0	350	30-Aug
PX12	84	244	21.30	32.9	23.1	0.0	0.00	51.8	16.6	0.0	0.0	350	31-Aug
PX12	84	245	24.10	31.5	19.6	20.0	0.00	60.5	18.9	0.0	0.0	350	01-Sep
PX12	84	246	24.10	30.0	19.7	0.0	0.00	17.3	20.3	0.0	0.0	350	02-Sep

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX12	84	247	24.50	34.6	22.1	0.0	0.00	77.8	19.5	0.0	0.0	350	03-Sep
PX12	84	248	24.80	35.2	22.9	0.0	0.00	138.2	13.7	0.0	0.0	350	04-Sep
PX12	84	249	26.10	34.4	17.6	0.0	0.00	138.2	5.8	0.0	0.0	350	05-Sep
PX12	84	250	25.40	34.1	15.7	0.0	0.00	95.0	7.0	0.0	0.0	350	06-Sep
PX12	84	251	24.10	32.4	17.1	0.0	0.00	86.4	11.1	0.0	0.0	350	07-Sep
PX12	84	252	23.90	32.9	21.2	0.0	0.00	86.4	16.7	0.0	0.0	350	08-Sep
PX12	84	253	22.00	32.7	21.1	0.0	0.00	112.3	17.6	0.0	0.0	350	09-Sep
PX12	84	254	21.50	32.1	20.1	46.0	0.00	86.4	21.3	0.0	0.0	350	10-Sep
PX12	84	255	15.10	29.2	18.6	0.0	0.00	86.4	23.8	0.0	0.0	350	11-Sep
PX12	84	256	22.30	38.4	20.7	0.0	0.00	77.8	21.2	0.0	0.0	350	12-Sep
PX12	84	257	22.10	31.7	196.0	0.0	0.00	77.8	17.7	0.0	0.0	350	13-Sep
PX12	84	258	21.80	33.6	20.8	0.0	0.00	69.1	17.3	0.0	0.0	350	14-Sep
PX12	84	259	23.10	35.3	23.1	1.0	0.00	155.5	13.4	0.0	0.0	350	15-Sep
PX12	84	260	23.10	34.0	20.7	0.0	0.00	95.0	14.3	0.0	0.0	350	16-Sep
PX12	84	261	19.30	34.2	21.4	0.0	0.00	77.8	14.4	0.0	0.0	350	17-Sep
PX12	84	262	22.20	35.8	20.6	0.0	0.00	121.0	13.3	0.0	0.0	350	18-Sep
PX12	84	263	21.70	33.4	19.8	0.0	0.00	95.0	14.0	0.0	0.0	350	19-Sep
PX12	84	264	21.50	33.7	20.2	0.0	0.00	112.3	12.9	0.0	0.0	350	20-Sep
PX12	84	265	18.80	33.0	20.4	2.0	0.00	121.0	14.5	0.0	0.0	350	21-Sep
PX12	84	266	20.90	31.4	18.9	0.0	0.00	138.2	15.0	0.0	0.0	350	22-Sep
PX12	84	267	19.60	31.5	20.6	0.0	0.00	121.0	14.5	0.0	0.0	350	23-Sep
PX12	84	268	3.70	30.9	19.3	0.0	0.00	86.4	13.9	0.0	0.0	350	24-Sep
PX12	84	269	3.90	25.1	17.2	8.0	0.00	69.1	18.4	0.0	0.0	350	25-Sep
PX12	84	270	20.10	22.0	16.9	20.0	0.00	17.3	17.0	0.0	0.0	350	26-Sep
PX12	84	271	20.60	30.8	16.3	0.0	0.00	17.3	16.8	0.0	0.0	350	27-Sep
PX12	84	272	20.00	32.8	18.6	0.0	0.00	25.9	15.2	0.0	0.0	350	28-Sep
PX12	84	273	14.20	33.2	17.9	0.0	0.00	51.8	15.0	0.0	0.0	350	29-Sep
PX12	84	274	17.60	31.3	18.3	0.0	0.00	146.9	13.7	0.0	0.0	350	30-Sep
PX12	84	275	18.60	33.2	19.3	0.0	0.00	86.4	12.4	0.0	0.0	350	01-Oct
PX12	84	276	18.60	30.8	16.9	0.0	0.00	86.4	12.2	0.0	0.0	350	02-Oct
PX12	84	277	18.70	30.8	16.9	5.0	0.00	77.8	12.2	0.0	0.0	350	03-Oct
PX12	84	278	18.90	28.0	13.3	0.0	0.00	69.1	12.6	0.0	0.0	350	04-Oct
PX12	84	279	19.00	26.7	11.9	0.0	0.00	69.1	11.2	0.0	0.0	350	05-Oct
PX12	84	280	19.00	30.8	14.0	0.0	0.00	60.5	10.5	0.0	0.0	350	06-Oct
PX12	84	281	19.10	30.7	14.8	0.0	0.00	51.8	11.0	0.0	0.0	350	07-Oct
PX12	84	282	18.70	31.1	13.5	0.0	0.00	51.8	10.5	0.0	0.0	350	08-Oct
PX12	84	283	18.20	30.8	14.4	0.0	0.00	60.5	11.1	0.0	0.0	350	09-Oct
PX12	84	284	17.70	29.9	14.4	0.0	0.00	86.4	11.5	0.0	0.0	350	10-Oct
PX12	84	285	14.30	28.8	16.1	0.0	0.00	60.5	14.8	0.0	0.0	350	11-Oct
PX12	84	286	17.60	27.9	16.4	0.0	0.00	60.5	14.6	0.0	0.0	350	12-Oct
PX12	84	287	16.60	28.3	13.1	0.0	0.00	112.3	11.2	0.0	0.0	350	13-Oct
PX12	84	288	17.80	28.8	12.9	0.0	0.00	69.1	9.8	0.0	0.0	350	14-Oct
PX12	84	289	14.80	25.7	13.0	0.0	0.00	164.2	5.6	0.0	0.0	350	15-Oct
PX12	84	290	17.20	21.8	8.3	0.0	0.00	103.7	0.6	0.0	0.0	350	16-Oct

FILENAME: PX030407.W84

WEATHER DATA FOR CO2=AMBIENT, IRRIGATION=WET, REP=#1

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC     ↓     CO2YR WINDYR  
 PX03 33.40 112.00 2.30 0 1 1 0 1 350 0.0

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
<u>INSTW</u>	<u>JUL</u>		<u>XTMAX</u>		<u>XRAIN</u>		<u>WIND</u>		<u>STMAX</u>		<u>CO2</u>		
PX03	84	97	8.03	23.9	12.2	0.0	0.00	122.0	6.5	0.0	0.0	350	06-Apr
PX03	84	98	20.22	24.4	10.6	0.0	0.00	162.5	6.5	0.0	0.0	350	07-Apr
PX03	84	99	26.03	27.2	11.1	0.0	0.00	184.8	7.8	0.0	0.0	350	08-Apr
PX03	84	100	25.94	27.2	15.0	0.0	0.00	138.7	12.8	0.0	0.0	350	09-Apr
PX03	84	101	21.02	27.8	12.2	0.0	0.00	147.1	12.4	0.0	0.0	350	10-Apr
PX03	84	102	25.03	30.0	15.0	0.0	0.00	140.1	6.7	0.0	0.0	350	11-Apr
PX03	84	103	26.47	32.2	17.2	0.0	0.00	119.2	8.5	0.0	0.0	350	12-Apr
PX03	84	104	26.88	35.1	16.7	0.0	0.00	131.8	4.5	0.0	0.0	350	13-Apr
PX03	84	105	27.78	36.7	18.3	0.0	0.00	133.2	6.1	0.0	0.0	350	14-Apr
PX03	84	106	27.71	37.2	18.9	0.0	0.00	142.9	8.6	0.0	0.0	350	15-Apr
PX03	84	107	27.41	38.3	21.1	0.0	0.00	190.4	12.2	0.0	0.0	350	16-Apr
PX03	84	108	20.87	34.4	21.1	0.0	0.00	162.5	12.4	0.0	0.0	350	17-Apr
PX03	84	109	26.49	32.2	18.9	0.0	0.00	232.2	11.9	0.0	0.0	350	18-Apr
PX03	84	110	26.04	27.8	17.2	0.0	0.00	175.0	17.2	0.0	0.0	350	19-Apr
PX03	84	111	28.36	23.9	12.8	0.0	0.00	106.7	16.3	0.0	0.0	350	20-Apr
PX03	84	112	28.41	32.6	12.8	0.0	0.00	122.0	15.8	0.0	0.0	350	21-Apr
PX03	84	113	28.17	31.1	15.1	0.0	0.00	115.0	13.5	0.0	0.0	350	22-Apr
PX03	84	114	30.04	33.9	14.1	0.0	0.00	163.9	13.5	0.0	0.0	350	23-Apr
PX03	84	115	30.34	34.2	13.0	0.0	0.00	244.8	11.3	0.0	0.0	350	24-Apr
PX03	84	116	18.07	30.2	12.4	0.0	0.00	239.2	10.5	0.0	0.0	350	25-Apr
PX03	84	117	13.86	27.7	9.0	0.0	0.00	162.5	10.7	0.0	0.0	350	26-Apr
PX03	84	118	9.55	27.7	6.7	0.0	0.00	140.1	10.7	0.0	0.0	350	27-Apr
PX03	84	119	1.43	25.8	9.6	0.0	0.00	142.9	11.1	0.0	0.0	350	28-Apr
PX03	84	120	28.70	29.1	2.8	0.0	0.00	122.0	11.5	0.0	0.0	350	29-Apr
PX03	84	121	19.17	30.7	7.3	0.0	0.00	155.5	10.1	0.0	0.0	350	30-Apr
PX03	84	122	22.03	31.8	9.6	0.0	0.00	142.9	8.8	0.0	0.0	350	01-May
PX03	84	123	28.45	32.3	10.1	0.0	0.00	141.5	8.6	0.0	0.0	350	02-May
PX03	84	124	29.76	34.2	14.7	0.0	0.00	175.0	10.4	0.0	0.0	350	03-May
PX03	84	125	30.46	34.8	16.4	0.0	0.00	170.8	12.3	0.0	0.0	350	04-May
PX03	84	126	29.90	34.2	16.9	0.0	0.00	152.7	15.1	0.0	0.0	350	05-May
PX03	84	127	30.20	34.2	15.8	0.0	0.00	107.9	13.3	0.0	0.0	350	06-May
PX03	84	128	30.00	35.0	16.9	0.0	0.00	64.5	13.0	0.0	0.0	350	07-May
PX03	84	129	31.00	35.8	15.2	0.0	0.00	144.4	12.7	0.0	0.0	350	08-May
PX03	84	130	30.25	36.7	17.5	0.0	0.00	144.3	12.7	0.0	0.0	350	09-May
PX03	84	131	30.25	36.9	16.9	0.0	0.00	180.5	11.9	0.0	0.0	350	10-May
PX03	84	132	30.50	36.4	17.5	0.0	0.00	114.7	12.3	0.0	0.0	350	11-May
PX03	84	133	17.50	35.6	19.2	0.0	0.00	136.6	12.2	0.0	0.0	350	12-May
PX03	84	134	29.50	36.7	19.2	0.0	0.00	166.8	11.2	0.0	0.0	350	13-May
PX03	84	135	27.60	36.4	21.5	0.0	0.00	233.8	10.3	0.0	0.0	350	14-May
PX03	84	136	24.00	35.0	17.5	0.0	0.00	185.0	12.0	0.0	0.0	350	15-May
PX03	84	137	30.70	34.8	15.2	0.0	0.00	187.2	13.1	0.0	0.0	350	16-May
PX03	84	138	30.25	35.0	18.1	0.0	0.00	134.9	13.0	0.0	0.0	350	17-May
PX03	84	139	30.40	35.6	18.1	0.0	0.00	122.5	12.6	0.0	0.0	350	18-May
PX03	84	140	31.00	36.1	18.1	0.0	0.00	110.5	14.4	0.0	0.0	350	19-May
PX03	84	141	30.70	36.4	18.6	0.0	0.00	147.3	14.9	0.0	0.0	350	20-May
PX03	84	142	30.60	36.7	19.2	0.0	0.00	144.7	8.1	0.0	0.0	350	21-May

INSTW	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
		JUL	XTMAX	XRAIN	WIND	STMAX	CO2						
PX03	84	143	31.20	36.9	19.2	0.0	0.00	123.0	5.9	0.0	0.0	350	22-May
PX03	84	144	31.00	38.0	18.1	0.0	0.00	133.1	2.1	0.0	0.0	350	23-May
PX03	84	145	31.40	37.7	19.2	0.0	0.00	146.1	-2.2	0.0	0.0	350	24-May
PX03	84	146	31.60	37.7	19.2	0.0	0.00	140.2	5.3	0.0	0.0	350	25-May
PX03	84	147	31.20	38.0	18.6	0.0	0.00	149.4	5.8	0.0	0.0	350	26-May
PX03	84	148	31.60	38.3	19.8	0.0	0.00	149.0	4.8	0.0	0.0	350	27-May
PX03	84	149	31.80	39.4	19.8	0.0	0.00	152.7	4.3	0.0	0.0	350	28-May
PX03	84	150	27.40	38.6	23.7	0.0	0.00	224.6	6.8	0.0	0.0	350	29-May
PX03	84	151	22.30	38.3	24.9	0.0	0.00	181.4	8.9	0.0	0.0	350	30-May
PX03	84	152	29.20	36.3	20.0	0.0	0.00	112.3	12.8	0.0	0.0	350	31-May
PX03	84	153	30.70	35.7	21.7	0.0	0.00	164.2	9.0	0.0	0.0	350	01-Jun
PX03	84	154	30.60	36.7	19.8	0.0	0.00	181.4	6.1	0.0	0.0	350	02-Jun
PX03	84	155	31.40	37.2	21.8	0.0	0.00	190.1	2.3	0.0	0.0	350	03-Jun
PX03	84	156	26.70	35.6	18.0	0.0	0.00	181.4	7.7	0.0	0.0	350	04-Jun
PX03	84	157	25.30	33.3	17.8	0.0	0.00	138.2	7.7	0.0	0.0	350	05-Jun
PX03	84	158	29.40	34.5	17.4	0.0	0.00	181.4	7.1	0.0	0.0	350	06-Jun
PX03	84	159	31.40	34.1	19.2	0.0	0.00	155.5	6.4	0.0	0.0	350	07-Jun
PX03	84	160	30.80	35.9	17.2	0.0	0.00	129.6	4.3	0.0	0.0	350	08-Jun
PX03	84	161	30.90	37.5	16.0	0.0	0.00	65.0	1.1	0.0	0.0	350	09-Jun
PX03	84	162	30.80	40.1	19.6	0.0	0.00	198.7	0.2	0.0	0.0	350	10-Jun
PX03	84	163	30.90	38.2	17.3	0.0	0.00	190.1	0.6	0.0	0.0	350	11-Jun
PX03	84	164	31.60	39.1	16.1	0.0	0.00	190.1	0.2	0.0	0.0	350	12-Jun
PX03	84	165	31.80	35.5	17.3	0.0	0.00	155.5	4.6	0.0	0.0	350	13-Jun
PX03	84	166	31.30	34.9	17.5	0.0	0.00	164.2	3.9	0.0	0.0	350	14-Jun
PX03	84	167	32.00	35.5	15.7	0.0	0.00	112.3	3.0	0.0	0.0	350	15-Jun
PX03	84	168	31.70	34.9	16.5	0.0	0.00	112.3	-0.9	0.0	0.0	350	16-Jun
PX03	84	169	31.80	36.7	15.2	0.0	0.00	65.0	-3.0	0.0	0.0	350	17-Jun
PX03	84	170	30.90	37.5	17.1	0.0	0.00	112.3	-0.0	0.0	0.0	350	18-Jun
PX03	84	171	30.60	38.6	20.9	0.0	0.00	112.3	2.9	0.0	0.0	350	19-Jun
PX03	84	172	31.90	37.2	19.2	0.0	0.00	138.2	2.1	0.0	0.0	350	20-Jun
PX03	84	173	31.70	38.9	17.2	0.0	0.00	164.2	-0.5	0.0	0.0	350	21-Jun
PX03	84	174	31.00	38.8	20.2	0.0	0.00	112.3	3.4	0.0	0.0	350	22-Jun
PX03	84	175	29.60	39.4	20.2	0.0	0.00	103.7	5.0	0.0	0.0	350	23-Jun
PX03	84	176	23.20	39.3	22.4	0.0	0.00	103.7	10.3	0.0	0.0	350	24-Jun
PX03	84	177	24.00	35.1	21.8	4.0	0.00	146.9	17.9	0.0	0.0	350	25-Jun
PX03	84	178	29.70	38.7	24.6	0.0	0.00	103.7	17.3	0.0	0.0	350	26-Jun
PX03	84	179	23.70	35.3	26.3	0.0	0.00	65.0	17.1	0.0	0.0	350	27-Jun
PX03	84	180	29.80	34.4	22.2	0.0	0.00	164.2	18.3	0.0	0.0	350	28-Jun
PX03	84	181	29.40	32.9	22.6	3.0	0.00	164.2	18.7	0.0	0.0	350	29-Jun
PX03	84	182	18.30	31.6	23.1	1.0	0.00	103.7	17.9	0.0	0.0	350	30-Jun
PX03	84	183	25.30	33.9	19.7	0.0	0.00	129.6	17.1	0.0	0.0	350	01-Jul
PX03	84	184	22.80	33.5	22.1	0.0	0.00	129.6	17.7	0.0	0.0	350	02-Jul
PX03	84	185	20.30	36.5	25.1	0.0	0.00	129.6	15.1	0.0	0.0	350	03-Jul
PX03	84	186	30.80	38.8	26.3	0.0	0.00	138.2	14.8	0.0	0.0	350	04-Jul
PX03	84	187	29.90	37.7	26.4	0.0	0.00	103.7	14.6	0.0	0.0	350	05-Jul
PX03	84	188	28.40	37.8	26.2	0.0	0.00	138.2	15.4	0.0	0.0	350	06-Jul
PX03	84	189	29.70	37.8	26.2	0.0	0.00	146.9	15.7	0.0	0.0	350	07-Jul
PX03	84	190	28.50	35.8	24.0	0.0	0.00	198.7	16.7	0.0	0.0	350	08-Jul
PX03	84	191	29.90	34.2	26.0	0.0	0.00	138.2	16.5	0.0	0.0	350	09-Jul
PX03	84	192	29.30	36.9	24.2	0.0	0.00	155.5	15.2	0.0	0.0	350	10-Jul
PX03	84	193	24.80	32.5	25.5	0.0	0.00	129.6	16.9	0.0	0.0	350	11-Jul
PX03	84	194	23.80	33.4	22.0	0.0	0.00	129.6	18.0	0.0	0.0	350	12-Jul



INSTW	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
	JUL		XTMAX		XRAIN		WIND		STMAX	CO2			
PX03	84	195	22.50	32.1	21.7	5.0	0.00	129.6	19.2	0.0	0.0	350	13-Jul
PX03	84	196	28.50	35.1	22.4	0.0	0.00	146.9	20.5	0.0	0.0	350	14-Jul
PX03	84	197	29.60	32.4	23.8	0.0	0.00	181.4	19.7	0.0	0.0	350	15-Jul
PX03	84	198	28.80	34.1	24.1	0.0	0.00	190.1	18.7	0.0	0.0	350	16-Jul
PX03	84	199	24.60	33.5	22.8	1.0	0.00	146.9	19.0	0.0	0.0	350	17-Jul
PX03	84	200	21.50	33.9	22.2	9.0	0.00	129.6	17.7	0.0	0.0	350	18-Jul
PX03	84	201	18.90	33.0	22.1	0.0	0.00	121.0	18.6	0.0	0.0	350	19-Jul
PX03	84	202	23.10	32.4	20.5	3.0	0.00	138.2	19.0	0.0	0.0	350	20-Jul
PX03	84	203	16.50	28.6	17.0	34.0	0.00	65.0	19.6	0.0	0.0	350	21-Jul
PX03	84	204	16.60	28.0	21.8	0.0	0.00	103.7	20.2	0.0	0.0	350	22-Jul
PX03	84	205	29.60	31.7	20.9	0.0	0.00	86.4	19.9	0.0	0.0	350	23-Jul
PX03	84	206	25.50	34.6	23.6	0.0	0.00	69.1	18.4	0.0	0.0	350	24-Jul
PX03	84	207	23.60	34.1	25.0	0.0	0.00	95.0	17.7	0.0	0.0	350	25-Jul
PX03	84	208	26.90	31.7	21.1	0.0	0.00	112.3	16.6	0.0	0.0	350	26-Jul
PX03	84	209	18.00	28.9	18.4	0.0	0.00	112.3	18.8	0.0	0.0	350	27-Jul
PX03	84	210	26.50	34.4	19.1	100.0	0.00	65.0	16.9	0.0	0.0	350	28-Jul
PX03	84	211	25.80	32.5	20.2	0.0	0.00	77.8	23.1	0.0	0.0	350	29-Jul
PX03	84	212	26.90	35.4	20.7	0.0	0.00	69.1	21.2	0.0	0.0	350	30-Jul
PX03	84	213	23.70	31.5	22.5	0.0	0.00	86.4	20.2	0.0	0.0	350	31-Jul
PX03	84	214	26.90	31.5	22.1	0.0	0.00	95.0	17.0	0.0	0.0	350	01-Aug
PX03	84	215	24.50	31.6	21.5	0.0	0.00	60.5	16.2	0.0	0.0	350	02-Aug
PX03	84	216	27.60	32.8	21.9	0.0	0.00	77.8	16.1	0.0	0.0	350	03-Aug
PX03	84	217	27.60	34.0	22.8	0.0	0.00	121.0	15.9	0.0	0.0	350	04-Aug
PX03	84	218	26.80	33.2	22.8	0.0	0.00	103.7	16.8	0.0	0.0	350	05-Aug
PX03	84	219	27.70	35.6	23.3	0.0	0.00	112.3	15.7	0.0	0.0	350	06-Aug
PX03	84	220	26.60	35.7	22.8	0.0	0.00	112.3	15.0	0.0	0.0	350	07-Aug
PX03	84	221	27.10	31.6	18.7	0.0	0.00	129.6	17.8	0.0	0.0	350	08-Aug
PX03	84	222	21.50	30.1	20.4	5.0	0.00	138.2	19.9	0.0	0.0	350	09-Aug
PX03	84	223	24.70	29.7	20.6	0.0	0.00	95.0	20.4	0.0	0.0	350	10-Aug
PX03	84	224	12.40	30.1	22.6	0.0	0.00	121.0	20.4	0.0	0.0	350	11-Aug
PX03	84	225	26.30	31.9	22.0	0.0	0.00	86.4	19.7	0.0	0.0	350	12-Aug
PX03	84	226	26.60	31.7	23.8	0.0	0.00	138.2	20.4	0.0	0.0	350	13-Aug
PX03	84	227	20.30	30.6	19.9	2.0	0.00	112.3	19.7	0.0	0.0	350	14-Aug
PX03	84	228	23.80	32.7	22.6	0.0	0.00	86.4	20.1	0.0	0.0	350	15-Aug
PX03	84	229	23.60	33.8	23.4	0.0	0.00	112.3	19.2	0.0	0.0	350	16-Aug
PX03	84	230	22.00	33.9	22.1	0.0	0.00	112.3	18.9	0.0	0.0	350	17-Aug
PX03	84	231	21.30	32.4	20.5	0.0	0.00	95.0	17.7	0.0	0.0	350	18-Aug
PX03	84	232	21.50	31.5	22.1	0.0	0.00	112.3	18.7	0.0	0.0	350	19-Aug
PX03	84	233	22.30	33.3	20.8	0.0	0.00	95.0	17.7	0.0	0.0	350	20-Aug
PX03	84	234	25.50	35.1	21.4	0.0	0.00	86.4	15.7	0.0	0.0	350	21-Aug
PX03	84	235	19.50	36.0	22.4	0.0	0.00	121.0	14.7	0.0	0.0	350	22-Aug
PX03	84	236	14.30	29.3	21.9	2.0	0.00	86.4	17.1	0.0	0.0	350	23-Aug
PX03	84	237	24.70	30.2	19.2	0.0	0.00	112.3	17.3	0.0	0.0	350	24-Aug
PX03	84	238	23.10	30.3	19.1	0.0	0.00	86.4	17.6	0.0	0.0	350	25-Aug
PX03	84	239	25.30	31.2	21.4	0.0	0.00	69.1	17.3	0.0	0.0	350	26-Aug
PX03	84	240	22.30	32.2	19.9	0.0	0.00	51.8	17.0	0.0	0.0	350	27-Aug
PX03	84	241	24.80	26.8	20.2	0.0	0.00	0.0	19.9	0.0	0.0	350	28-Aug
PX03	84	242	25.30	35.0	19.0	0.0	0.00	0.0	16.8	0.0	0.0	350	29-Aug
PX03	84	243	25.00	36.3	21.9	0.0	0.00	17.3	15.1	0.0	0.0	350	30-Aug
PX03	84	244	21.30	35.2	24.5	0.0	0.00	51.8	16.1	0.0	0.0	350	31-Aug
PX03	84	245	24.10	34.6	19.1	20.0	0.00	60.5	18.5	0.0	0.0	350	01-Sep
PX03	84	246	24.10	32.6	19.1	0.0	0.00	17.3	21.4	0.0	0.0	350	02-Sep

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL	XTMAX		XRAIN		WIND		STMAX		CO2			
PX03	84	247	24.50	34.7	21.7	0.0	0.00	77.8	19.9	0.0	0.0	350	03-Sep
PX03	84	248	24.80	36.1	21.7	0.0	0.00	138.2	14.9	0.0	0.0	350	04-Sep
PX03	84	249	26.10	35.5	18.0	0.0	0.00	138.2	7.5	0.0	0.0	350	05-Sep
PX03	84	250	25.40	31.6	16.0	0.0	0.00	95.0	10.3	0.0	0.0	350	06-Sep
PX03	84	251	24.10	28.9	16.0	0.0	0.00	86.4	13.3	0.0	0.0	350	07-Sep
PX03	84	252	23.90	29.8	20.2	0.0	0.00	86.4	18.1	0.0	0.0	350	08-Sep
PX03	84	253	22.00	30.0	19.6	0.0	0.00	112.3	18.8	0.0	0.0	350	09-Sep
PX03	84	254	21.50	32.4	20.1	46.0	0.00	86.4	22.2	0.0	0.0	350	10-Sep
PX03	84	255	15.10	29.2	18.6	0.0	0.00	86.4	23.8	0.0	0.0	350	11-Sep
PX03	84	256	22.30	38.4	20.7	0.0	0.00	77.8	21.2	0.0	0.0	350	12-Sep
PX03	84	257	22.10	31.1	19.4	0.0	0.00	77.8	18.7	0.0	0.0	350	13-Sep
PX03	84	258	21.80	32.1	20.4	0.0	0.00	69.1	18.3	0.0	0.0	350	14-Sep
PX03	84	259	23.10	33.6	22.0	1.0	0.00	155.5	14.7	0.0	0.0	350	15-Sep
PX03	84	260	23.10	32.6	20.6	0.0	0.00	95.0	14.6	0.0	0.0	350	16-Sep
PX03	84	261	19.30	33.2	21.2	0.0	0.00	77.8	14.2	0.0	0.0	350	17-Sep
PX03	84	262	22.20	34.5	20.9	0.0	0.00	121.0	13.3	0.0	0.0	350	18-Sep
PX03	84	263	21.70	33.4	19.8	0.0	0.00	95.0	13.6	0.0	0.0	350	19-Sep
PX03	84	264	21.50	33.3	19.4	0.0	0.00	112.3	12.4	0.0	0.0	350	20-Sep
PX03	84	265	18.80	32.7	19.8	2.0	0.00	121.0	14.4	0.0	0.0	350	21-Sep
PX03	84	266	20.90	32.0	18.7	0.0	0.00	138.2	15.0	0.0	0.0	350	22-Sep
PX03	84	267	19.60	32.6	19.9	0.0	0.00	121.0	14.3	0.0	0.0	350	23-Sep
PX03	84	268	3.70	32.0	18.8	0.0	0.00	86.4	13.7	0.0	0.0	350	24-Sep
PX03	84	269	3.90	24.5	18.2	8.0	0.00	69.1	17.9	0.0	0.0	350	25-Sep
PX03	84	270	20.10	20.2	16.5	20.0	0.00	17.3	16.9	0.0	0.0	350	26-Sep
PX03	84	271	20.60	27.4	15.6	0.0	0.00	17.3	17.2	0.0	0.0	350	27-Sep
PX03	84	272	20.00	28.9	16.8	0.0	0.00	25.9	15.7	0.0	0.0	350	28-Sep
PX03	84	273	14.20	30.1	15.8	0.0	0.00	51.8	15.6	0.0	0.0	350	29-Sep
PX03	84	274	17.60	28.4	16.5	0.0	0.00	146.9	13.9	0.0	0.0	350	30-Sep
PX03	84	275	18.60	29.6	17.8	0.0	0.00	86.4	12.6	0.0	0.0	350	01-Oct
PX03	84	276	18.60	27.9	15.1	0.0	0.00	86.4	12.4	0.0	0.0	350	02-Oct
PX03	84	277	18.70	27.9	15.1	5.0	0.00	77.8	12.4	0.0	0.0	350	03-Oct
PX03	84	278	18.90	25.2	11.5	0.0	0.00	69.1	12.9	0.0	0.0	350	04-Oct
PX03	84	279	19.00	26.7	11.9	0.0	0.00	69.1	11.3	0.0	0.0	350	05-Oct
PX03	84	280	19.00	28.6	12.4	0.0	0.00	60.5	10.5	0.0	0.0	350	06-Oct
PX03	84	281	19.10	31.1	13.2	0.0	0.00	51.8	9.9	0.0	0.0	350	07-Oct
PX03	84	282	18.70	31.8	13.5	0.0	0.00	51.8	9.0	0.0	0.0	350	08-Oct
PX03	84	283	18.20	31.8	13.6	0.0	0.00	60.5	9.2	0.0	0.0	350	09-Oct
PX03	84	284	17.70	30.5	13.9	0.0	0.00	86.4	9.9	0.0	0.0	350	10-Oct
PX03	84	285	14.30	30.6	16.0	0.0	0.00	60.5	14.0	0.0	0.0	350	11-Oct
PX03	84	286	17.60	29.2	16.7	0.0	0.00	60.5	13.6	0.0	0.0	350	12-Oct
PX03	84	287	16.60	29.0	13.4	0.0	0.00	112.3	9.9	0.0	0.0	350	13-Oct
PX03	84	288	17.80	29.2	12.8	0.0	0.00	69.1	8.2	0.0	0.0	350	14-Oct
PX03	84	289	14.80	26.8	12.5	0.0	0.00	164.2	5.8	0.0	0.0	350	15-Oct
PX03	84	290	17.20	23.0	7.8	0.0	0.00	103.7	0.6	0.0	0.0	350	16-Oct

FILENAME: PX140407.W84

WEATHER DATA FOR CO2=AMBIENT, IRRIGATION=WET, REP=#2

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC      ↓      CO2YR WINDYR  
 PX14 33.40 112.00 2.30 0 1 1 0 1 350 0.0

	YR	SOLRAD		XTMIN	XPAR	DEWPT	STMIN	A00					
<u>INSTW</u>	<u>JUL</u>		<u>XTMAX</u>	<u>XRAIN</u>	<u>WIND</u>	<u>STMAX</u>	<u>CO2</u>						
PX14	84	97	8.03	23.9	12.2	0.0	0.00	122.0	6.5	0.0	0.0	350	06-Apr
PX14	84	98	20.22	24.4	10.6	0.0	0.00	162.5	6.5	0.0	0.0	350	07-Apr
PX14	84	99	26.03	27.2	11.1	0.0	0.00	184.8	7.8	0.0	0.0	350	08-Apr
PX14	84	100	25.94	27.2	15.0	0.0	0.00	138.7	12.8	0.0	0.0	350	09-Apr
PX14	84	101	21.02	27.8	12.2	0.0	0.00	147.1	12.4	0.0	0.0	350	10-Apr
PX14	84	102	25.03	30.0	15.0	0.0	0.00	140.1	6.7	0.0	0.0	350	11-Apr
PX14	84	103	26.47	32.2	17.2	0.0	0.00	119.2	8.5	0.0	0.0	350	12-Apr
PX14	84	104	26.88	35.1	16.7	0.0	0.00	131.8	4.5	0.0	0.0	350	13-Apr
PX14	84	105	27.78	36.7	18.3	0.0	0.00	133.2	6.1	0.0	0.0	350	14-Apr
PX14	84	106	27.71	37.2	18.9	0.0	0.00	142.9	8.6	0.0	0.0	350	15-Apr
PX14	84	107	27.41	38.3	21.1	0.0	0.00	190.4	12.2	0.0	0.0	350	16-Apr
PX14	84	108	20.87	34.4	21.1	0.0	0.00	162.5	12.4	0.0	0.0	350	17-Apr
PX14	84	109	26.49	32.2	18.9	0.0	0.00	232.2	11.9	0.0	0.0	350	18-Apr
PX14	84	110	26.04	27.8	17.2	0.0	0.00	175.0	17.2	0.0	0.0	350	19-Apr
PX14	84	111	28.36	23.9	12.8	0.0	0.00	106.7	16.3	0.0	0.0	350	20-Apr
PX14	84	112	28.41	32.6	12.8	0.0	0.00	122.0	15.8	0.0	0.0	350	21-Apr
PX14	84	113	28.17	31.1	15.1	0.0	0.00	115.0	13.5	0.0	0.0	350	22-Apr
PX14	84	114	30.04	33.9	15.2	0.0	0.00	163.9	13.5	0.0	0.0	350	23-Apr
PX14	84	115	30.34	33.5	14.2	0.0	0.00	244.8	11.3	0.0	0.0	350	24-Apr
PX14	84	116	18.07	29.7	13.7	0.0	0.00	239.2	10.5	0.0	0.0	350	25-Apr
PX14	84	117	13.86	27.4	10.5	0.0	0.00	162.5	10.7	0.0	0.0	350	26-Apr
PX14	84	118	9.55	27.4	8.5	0.0	0.00	140.1	10.7	0.0	0.0	350	27-Apr
PX14	84	119	1.43	25.6	11.1	0.0	0.00	142.9	11.1	0.0	0.0	350	28-Apr
PX14	84	120	28.70	28.7	4.8	0.0	0.00	122.0	11.5	0.0	0.0	350	29-Apr
PX14	84	121	19.17	30.2	9.0	0.0	0.00	155.5	10.1	0.0	0.0	350	30-Apr
PX14	84	122	22.03	31.2	11.1	0.0	0.00	142.9	8.8	0.0	0.0	350	01-May
PX14	84	123	28.45	31.7	11.6	0.0	0.00	141.5	8.6	0.0	0.0	350	02-May
PX14	84	124	29.76	33.5	15.7	0.0	0.00	175.0	10.4	0.0	0.0	350	03-May
PX14	84	125	30.46	34.0	17.3	0.0	0.00	170.8	12.3	0.0	0.0	350	04-May
PX14	84	126	29.90	33.5	17.8	0.0	0.00	152.7	15.1	0.0	0.0	350	05-May
PX14	84	127	30.20	33.5	16.8	0.0	0.00	107.9	13.3	0.0	0.0	350	06-May
PX14	84	128	30.00	34.3	17.8	0.0	0.00	64.5	13.0	0.0	0.0	350	07-May
PX14	84	129	31.00	35.0	16.2	0.0	0.00	144.4	12.7	0.0	0.0	350	08-May
PX14	84	130	30.25	35.8	18.3	0.0	0.00	144.3	12.7	0.0	0.0	350	09-May
PX14	84	131	30.25	36.0	17.8	0.0	0.00	180.5	11.9	0.0	0.0	350	10-May
PX14	84	132	30.50	35.5	18.3	0.0	0.00	114.7	12.3	0.0	0.0	350	11-May
PX14	84	133	17.50	34.8	19.9	0.0	0.00	136.6	12.2	0.0	0.0	350	12-May
PX14	84	134	29.50	35.8	19.9	0.0	0.00	166.8	11.2	0.0	0.0	350	13-May
PX14	84	135	27.60	35.5	22.0	0.0	0.00	233.8	10.3	0.0	0.0	350	14-May
PX14	84	136	24.00	34.3	18.3	0.0	0.00	185.0	12.0	0.0	0.0	350	15-May
PX14	84	137	30.70	34.0	16.2	0.0	0.00	187.2	13.1	0.0	0.0	350	16-May
PX14	84	138	30.25	34.3	18.8	0.0	0.00	134.9	13.0	0.0	0.0	350	17-May
PX14	84	139	30.40	34.8	18.8	0.0	0.00	122.5	12.6	0.0	0.0	350	18-May
PX14	84	140	31.00	35.3	18.8	0.0	0.00	110.5	14.4	0.0	0.0	350	19-May
PX14	84	141	30.70	35.5	19.4	0.0	0.00	147.3	14.9	0.0	0.0	350	20-May
PX14	84	142	30.60	35.8	19.9	0.0	0.00	144.7	8.1	0.0	0.0	350	21-May

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX14	84	143	31.20	36.0	19.9	0.0	0.00	123.0	5.9	0.0	0.0	350	22-May
PX14	84	144	31.00	37.0	18.8	0.0	0.00	133.1	2.1	0.0	0.0	350	23-May
PX14	84	145	31.40	36.8	19.9	0.0	0.00	146.1	-2.2	0.0	0.0	350	24-May
PX14	84	146	31.60	36.8	19.9	0.0	0.00	140.2	5.3	0.0	0.0	350	25-May
PX14	84	147	31.20	37.0	19.4	0.0	0.00	149.4	5.8	0.0	0.0	350	26-May
PX14	84	148	31.60	37.3	20.4	0.0	0.00	149.0	4.8	0.0	0.0	350	27-May
PX14	84	149	31.80	38.3	20.4	0.0	0.00	152.7	4.3	0.0	0.0	350	28-May
PX14	84	150	27.40	37.5	24.0	0.0	0.00	224.6	5.8	0.0	0.0	350	29-May
PX14	84	151	22.30	37.0	24.4	0.0	0.00	181.4	8.8	0.0	0.0	350	30-May
PX14	84	152	29.20	36.0	20.1	0.0	0.00	112.3	12.5	0.0	0.0	350	31-May
PX14	84	153	30.70	36.9	22.1	0.0	0.00	164.2	7.8	0.0	0.0	350	01-Jun
PX14	84	154	30.60	35.8	20.4	0.0	0.00	181.4	5.9	0.0	0.0	350	02-Jun
PX14	84	155	31.40	37.0	22.1	0.0	0.00	190.1	0.2	0.0	0.0	350	03-Jun
PX14	84	156	26.70	35.0	18.9	0.0	0.00	181.4	6.5	0.0	0.0	350	04-Jun
PX14	84	157	25.30	32.7	18.5	0.0	0.00	138.2	6.8	0.0	0.0	350	05-Jun
PX14	84	158	29.40	33.8	18.4	0.0	0.00	181.4	6.1	0.0	0.0	350	06-Jun
PX14	84	159	31.40	33.2	19.6	0.0	0.00	155.5	5.0	0.0	0.0	350	07-Jun
PX14	84	160	30.80	35.1	17.8	0.0	0.00	129.6	3.4	0.0	0.0	350	08-Jun
PX14	84	161	30.90	37.0	17.1	0.0	0.00	65.0	0.2	0.0	0.0	350	09-Jun
PX14	84	162	30.80	39.5	19.9	0.0	0.00	198.7	-0.9	0.0	0.0	350	10-Jun
PX14	84	163	30.90	37.9	18.5	0.0	0.00	190.1	-1.2	0.0	0.0	350	11-Jun
PX14	84	164	31.60	38.6	17.4	0.0	0.00	190.1	-1.2	0.0	0.0	350	12-Jun
PX14	84	165	31.80	33.9	18.3	0.0	0.00	155.5	3.9	0.0	0.0	350	13-Jun
PX14	84	166	31.30	33.4	17.3	0.0	0.00	164.2	3.4	0.0	0.0	350	14-Jun
PX14	84	167	32.00	34.9	17.6	0.0	0.00	112.3	0.9	0.0	0.0	350	15-Jun
PX14	84	168	31.70	34.4	18.0	0.0	0.00	112.3	-2.5	0.0	0.0	350	16-Jun
PX14	84	169	31.80	35.9	16.7	0.0	0.00	65.0	-3.0	0.0	0.0	350	17-Jun
PX14	84	170	30.90	36.7	18.4	0.0	0.00	112.3	-0.9	0.0	0.0	350	18-Jun
PX14	84	171	30.60	37.5	21.6	0.0	0.00	112.3	1.7	0.0	0.0	350	19-Jun
PX14	84	172	31.90	36.3	19.9	0.0	0.00	138.2	2.3	0.0	0.0	350	20-Jun
PX14	84	173	31.70	37.9	18.0	0.0	0.00	164.2	-0.5	0.0	0.0	350	21-Jun
PX14	84	174	31.00	37.6	21.0	0.0	0.00	112.3	5.6	0.0	0.0	350	22-Jun
PX14	84	175	29.60	38.5	20.8	0.0	0.00	103.7	4.6	0.0	0.0	350	23-Jun
PX14	84	176	23.20	38.1	23.2	0.0	0.00	103.7	10.3	0.0	0.0	350	24-Jun
PX14	84	177	24.00	31.3	20.8	4.0	0.00	146.9	17.9	0.0	0.0	350	25-Jun
PX14	84	178	29.70	37.4	25.0	0.0	0.00	103.7	17.5	0.0	0.0	350	26-Jun
PX14	84	179	23.70	33.1	26.6	0.0	0.00	65.0	17.3	0.0	0.0	350	27-Jun
PX14	84	180	29.80	32.9	22.3	0.0	0.00	164.2	18.7	0.0	0.0	350	28-Jun
PX14	84	181	29.40	32.3	22.3	3.0	0.00	164.2	18.8	0.0	0.0	350	29-Jun
PX14	84	182	18.30	31.0	23.1	1.0	0.00	103.7	18.1	0.0	0.0	350	30-Jun
PX14	84	183	25.30	33.1	21.1	0.0	0.00	129.6	17.1	0.0	0.0	350	01-Jul
PX14	84	184	22.80	32.5	21.4	0.0	0.00	129.6	17.8	0.0	0.0	350	02-Jul
PX14	84	185	20.30	34.5	24.4	0.0	0.00	129.6	16.3	0.0	0.0	350	03-Jul
PX14	84	186	30.80	35.8	26.1	0.0	0.00	138.2	16.1	0.0	0.0	350	04-Jul
PX14	84	187	29.90	35.9	26.5	0.0	0.00	103.7	15.8	0.0	0.0	350	05-Jul
PX14	84	188	28.40	36.1	26.2	0.0	0.00	138.2	15.9	0.0	0.0	350	06-Jul
PX14	84	189	29.70	34.9	23.9	0.0	0.00	146.9	16.0	0.0	0.0	350	07-Jul
PX14	84	190	28.50	34.0	25.8	0.0	0.00	198.7	17.0	0.0	0.0	350	08-Jul
PX14	84	191	29.90	36.0	24.3	0.0	0.00	138.2	17.1	0.0	0.0	350	09-Jul
PX14	84	192	29.30	38.3	25.9	0.0	0.00	155.5	15.6	0.0	0.0	350	10-Jul
PX14	84	193	24.80	31.5	25.3	0.0	0.00	129.6	17.2	0.0	0.0	350	11-Jul
PX14	84	194	23.80	31.1	22.1	0.0	0.00	129.6	18.7	0.0	0.0	350	12-Jul

INSTW	IYR	SOLRAD		XTMIN		XPAR	WIND	DEWPT	STMAX	STMIN	CO2	A00	
		JUL	XTMAX		XRAIN								
PX14	84	195	22.50	30.9	21.5	5.0	0.00	129.6	19.7	0.0	0.0	350	13-Jul
PX14	84	196	28.50	31.2	22.6	0.0	0.00	146.9	20.0	0.0	0.0	350	14-Jul
PX14	84	197	29.60	31.5	23.7	0.0	0.00	181.4	19.7	0.0	0.0	350	15-Jul
PX14	84	198	28.80	32.9	24.1	0.0	0.00	190.1	18.9	0.0	0.0	350	16-Jul
PX14	84	199	24.60	31.9	22.5	1.0	0.00	146.9	19.4	0.0	0.0	350	17-Jul
PX14	84	200	21.50	29.9	20.6	9.0	0.00	129.6	20.5	0.0	0.0	350	18-Jul
PX14	84	201	18.90	31.3	22.0	0.0	0.00	121.0	19.7	0.0	0.0	350	19-Jul
PX14	84	202	23.10	31.1	20.0	3.0	0.00	138.2	19.4	0.0	0.0	350	20-Jul
PX14	84	203	16.50	26.6	18.9	34.0	0.00	65.0	19.5	0.0	0.0	350	21-Jul
PX14	84	204	16.60	27.3	21.4	0.0	0.00	103.7	20.4	0.0	0.0	350	22-Jul
PX14	84	205	29.60	30.3	20.6	0.0	0.00	86.4	20.3	0.0	0.0	350	23-Jul
PX14	84	206	25.50	31.8	23.3	0.0	0.00	69.1	19.2	0.0	0.0	350	24-Jul
PX14	84	207	23.60	31.7	24.5	0.0	0.00	95.0	18.2	0.0	0.0	350	25-Jul
PX14	84	208	26.90	30.4	21.2	0.0	0.00	112.3	17.1	0.0	0.0	350	26-Jul
PX14	84	209	18.00	28.3	19.8	0.0	0.00	112.3	19.0	0.0	0.0	350	27-Jul
PX14	84	210	26.50	28.7	19.1	100.0	0.00	65.0	19.6	0.0	0.0	350	28-Jul
PX14	84	211	25.80	29.3	20.8	0.0	0.00	77.8	20.2	0.0	0.0	350	29-Jul
PX14	84	212	26.90	30.4	22.1	0.0	0.00	69.1	19.5	0.0	0.0	350	30-Jul
PX14	84	213	23.70	31.4	23.5	0.0	0.00	86.4	19.8	0.0	0.0	350	31-Jul
PX14	84	214	26.90	31.5	22.5	0.0	0.00	95.0	18.1	0.0	0.0	350	01-Aug
PX14	84	215	24.50	30.8	21.5	0.0	0.00	60.5	18.0	0.0	0.0	350	02-Aug
PX14	84	216	27.60	32.6	21.8	0.0	0.00	77.8	17.1	0.0	0.0	350	03-Aug
PX14	84	217	27.60	34.2	22.6	0.0	0.00	121.0	17.4	0.0	0.0	350	04-Aug
PX14	84	218	26.80	33.6	23.1	0.0	0.00	103.7	18.0	0.0	0.0	350	05-Aug
PX14	84	219	27.70	35.5	23.6	0.0	0.00	112.3	16.0	0.0	0.0	350	06-Aug
PX14	84	220	26.60	35.9	23.3	0.0	0.00	112.3	14.9	0.0	0.0	350	07-Aug
PX14	84	221	27.10	33.4	22.6	0.0	0.00	129.6	17.8	0.0	0.0	350	08-Aug
PX14	84	222	21.50	29.7	21.1	5.0	0.00	138.2	19.7	0.0	0.0	350	09-Aug
PX14	84	223	24.70	29.4	21.1	0.0	0.00	95.0	20.1	0.0	0.0	350	10-Aug
PX14	84	224	12.40	29.7	23.3	0.0	0.00	121.0	20.2	0.0	0.0	350	11-Aug
PX14	84	225	26.30	32.5	22.1	0.0	0.00	86.4	19.4	0.0	0.0	350	12-Aug
PX14	84	226	26.60	31.5	24.1	0.0	0.00	138.2	20.2	0.0	0.0	350	13-Aug
PX14	84	227	20.30	30.7	20.2	2.0	0.00	112.3	20.0	0.0	0.0	350	14-Aug
PX14	84	228	23.80	32.2	23.1	0.0	0.00	86.4	20.7	0.0	0.0	350	15-Aug
PX14	84	229	23.60	33.4	24.0	0.0	0.00	112.3	19.5	0.0	0.0	350	16-Aug
PX14	84	230	22.00	33.7	22.6	0.0	0.00	112.3	19.0	0.0	0.0	350	17-Aug
PX14	84	231	21.30	32.1	21.1	0.0	0.00	95.0	17.7	0.0	0.0	350	18-Aug
PX14	84	232	21.50	30.8	22.3	0.0	0.00	112.3	18.7	0.0	0.0	350	19-Aug
PX14	84	233	22.30	32.5	21.2	0.0	0.00	95.0	18.0	0.0	0.0	350	20-Aug
PX14	84	234	25.50	34.9	21.5	0.0	0.00	86.4	16.2	0.0	0.0	350	21-Aug
PX14	84	235	19.50	35.3	22.3	0.0	0.00	121.0	15.0	0.0	0.0	350	22-Aug
PX14	84	236	14.30	28.3	22.6	2.0	0.00	86.4	17.5	0.0	0.0	350	23-Aug
PX14	84	237	24.70	30.6	19.4	0.0	0.00	112.3	17.4	0.0	0.0	350	24-Aug
PX14	84	238	23.10	30.6	19.4	0.0	0.00	86.4	17.6	0.0	0.0	350	25-Aug
PX14	84	239	25.30	31.7	22.1	0.0	0.00	69.1	16.9	0.0	0.0	350	26-Aug
PX14	84	240	22.30	32.6	20.3	0.0	0.00	51.8	16.6	0.0	0.0	350	27-Aug
PX14	84	241	24.80	32.8	23.6	0.0	0.00	0.0	17.5	0.0	0.0	350	28-Aug
PX14	84	242	25.30	34.8	22.4	0.0	0.00	0.0	16.1	0.0	0.0	350	29-Aug
PX14	84	243	25.00	35.7	22.5	0.0	0.00	17.3	14.4	0.0	0.0	350	30-Aug
PX14	84	244	21.30	34.6	25.4	0.0	0.00	51.8	15.4	0.0	0.0	350	31-Aug
PX14	84	245	24.10	33.6	19.1	20.0	0.00	60.5	18.1	0.0	0.0	350	01-Sep
PX14	84	246	24.10	30.0	19.3	0.0	0.00	17.3	19.7	0.0	0.0	350	02-Sep

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX14	84	247	24.50	33.8	22.2	0.0	0.00	77.8	19.4	0.0	0.0	350	03-Sep
PX14	84	248	24.80	35.2	22.9	0.0	0.00	138.2	13.7	0.0	0.0	350	04-Sep
PX14	84	249	26.10	34.7	18.7	0.0	0.00	138.2	5.8	0.0	0.0	350	05-Sep
PX14	84	250	25.40	31.0	17.0	0.0	0.00	95.0	10.3	0.0	0.0	350	06-Sep
PX14	84	251	24.10	28.7	16.1	0.0	0.00	86.4	12.7	0.0	0.0	350	07-Sep
PX14	84	252	23.90	30.1	20.4	0.0	0.00	86.4	17.7	0.0	0.0	350	08-Sep
PX14	84	253	22.00	30.5	20.3	0.0	0.00	112.3	18.1	0.0	0.0	350	09-Sep
PX14	84	254	21.50	30.2	20.1	46.0	0.00	86.4	23.0	0.0	0.0	350	10-Sep
PX14	84	255	15.10	29.2	18.6	0.0	0.00	86.4	23.8	0.0	0.0	350	11-Sep
PX14	84	256	22.30	38.4	20.7	0.0	0.00	77.8	21.3	0.0	0.0	350	12-Sep
PX14	84	257	22.10	31.3	19.6	0.0	0.00	77.8	17.8	0.0	0.0	350	13-Sep
PX14	84	258	21.80	31.5	21.0	0.0	0.00	69.1	17.5	0.0	0.0	350	14-Sep
PX14	84	259	23.10	33.7	21.9	1.0	0.00	155.5	13.4	0.0	0.0	350	15-Sep
PX14	84	260	23.10	32.5	21.1	0.0	0.00	95.0	13.7	0.0	0.0	350	16-Sep
PX14	84	261	19.30	33.1	21.9	0.0	0.00	77.8	13.5	0.0	0.0	350	17-Sep
PX14	84	262	22.20	34.4	21.1	0.0	0.00	121.0	12.4	0.0	0.0	350	18-Sep
PX14	84	263	21.70	32.8	20.1	0.0	0.00	95.0	13.0	0.0	0.0	350	19-Sep
PX14	84	264	21.50	32.6	20.4	0.0	0.00	112.3	11.6	0.0	0.0	350	20-Sep
PX14	84	265	18.80	32.0	20.8	2.0	0.00	121.0	13.7	0.0	0.0	350	21-Sep
PX14	84	266	20.90	30.7	19.3	0.0	0.00	138.2	14.4	0.0	0.0	350	22-Sep
PX14	84	267	19.60	30.6	20.7	0.0	0.00	121.0	13.7	0.0	0.0	350	23-Sep
PX14	84	268	3.70	30.3	19.2	0.0	0.00	86.4	13.0	0.0	0.0	350	24-Sep
PX14	84	269	3.90	24.9	18.6	8.0	0.00	69.1	17.9	0.0	0.0	350	25-Sep
PX14	84	270	20.10	20.0	16.7	20.0	0.00	17.3	16.9	0.0	0.0	350	26-Sep
PX14	84	271	20.60	26.5	15.2	0.0	0.00	17.3	17.0	0.0	0.0	350	27-Sep
PX14	84	272	20.00	27.8	17.2	0.0	0.00	25.9	15.2	0.0	0.0	350	28-Sep
PX14	84	273	14.20	28.7	16.5	0.0	0.00	51.8	15.2	0.0	0.0	350	29-Sep
PX14	84	274	17.60	27.1	17.1	0.0	0.00	146.9	13.5	0.0	0.0	350	30-Sep
PX14	84	275	18.60	28.0	18.1	0.0	0.00	86.4	12.3	0.0	0.0	350	01-Oct
PX14	84	276	18.60	26.1	15.8	0.0	0.00	86.4	12.2	0.0	0.0	350	02-Oct
PX14	84	277	18.70	26.1	15.8	5.0	0.00	77.8	12.2	0.0	0.0	350	03-Oct
PX14	84	278	18.90	23.7	11.9	0.0	0.00	69.1	12.6	0.0	0.0	350	04-Oct
PX14	84	279	19.00	26.7	11.9	0.0	0.00	69.1	11.5	0.0	0.0	350	05-Oct
PX14	84	280	19.00	26.9	12.6	0.0	0.00	60.5	10.5	0.0	0.0	350	06-Oct
PX14	84	281	19.10	29.8	13.5	0.0	0.00	51.8	10.1	0.0	0.0	350	07-Oct
PX14	84	282	18.70	29.6	13.9	0.0	0.00	51.8	9.0	0.0	0.0	350	08-Oct
PX14	84	283	18.20	29.4	14.5	0.0	0.00	60.5	9.2	0.0	0.0	350	09-Oct
PX14	84	284	17.70	28.3	14.6	0.0	0.00	86.4	9.9	0.0	0.0	350	10-Oct
PX14	84	285	14.30	28.0	16.4	0.0	0.00	60.5	14.0	0.0	0.0	350	11-Oct
PX14	84	286	17.60	27.2	16.8	0.0	0.00	60.5	13.7	0.0	0.0	350	12-Oct
PX14	84	287	16.60	27.0	13.6	0.0	0.00	112.3	9.9	0.0	0.0	350	13-Oct
PX14	84	288	17.80	27.5	13.3	0.0	0.00	69.1	8.0	0.0	0.0	350	14-Oct
PX14	84	289	14.80	25.0	13.2	0.0	0.00	164.2	5.6	0.0	0.0	350	15-Oct
PX14	84	290	17.20	20.9	8.3	0.0	0.00	103.7	-1.9	0.0	0.0	350	16-Oct

FILENAME: PX050407.W84

WEATHER DATA FOR CO2-500, IRRIGATION-DRY, REP-#1

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC      ↓      CO2YR WINDYR  
 PX05 33.40 112.00 2.30 0 1 1 0 1 350 0.0

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
<u>INSTW</u>	<u>JUL</u>	<u>XTMAX</u>		<u>XRAIN</u>		<u>WIND</u>		<u>STMAX</u>		<u>CO2</u>			
PX05	84	97	8.03	23.9	12.2	0.0	0.00	122.0	6.5	0.0	0.0	350	06-Apr
PX05	84	98	20.22	24.4	10.6	0.0	0.00	162.5	6.5	0.0	0.0	350	07-Apr
PX05	84	99	26.03	27.2	11.1	0.0	0.00	184.8	7.8	0.0	0.0	350	08-Apr
PX05	84	100	25.94	27.2	15.0	0.0	0.00	138.7	12.8	0.0	0.0	350	09-Apr
PX05	84	101	21.02	27.8	12.2	0.0	0.00	147.1	12.4	0.0	0.0	350	10-Apr
PX05	84	102	25.03	30.0	15.0	0.0	0.00	140.1	6.7	0.0	0.0	350	11-Apr
PX05	84	103	26.47	32.2	17.2	0.0	0.00	119.2	8.5	0.0	0.0	350	12-Apr
PX05	84	104	26.88	35.1	16.7	0.0	0.00	131.8	4.5	0.0	0.0	350	13-Apr
PX05	84	105	27.78	36.7	18.3	0.0	0.00	133.2	6.1	0.0	0.0	350	14-Apr
PX05	84	106	27.71	37.2	18.9	0.0	0.00	142.9	8.6	0.0	0.0	350	15-Apr
PX05	84	107	27.41	38.3	21.1	0.0	0.00	190.4	12.2	0.0	0.0	350	16-Apr
PX05	84	108	20.87	34.4	21.1	0.0	0.00	162.5	12.4	0.0	0.0	350	17-Apr
PX05	84	109	26.49	32.2	18.9	0.0	0.00	232.2	11.9	0.0	0.0	350	18-Apr
PX05	84	110	26.04	27.8	17.2	0.0	0.00	175.0	17.2	0.0	0.0	350	19-Apr
PX05	84	111	28.36	23.9	12.8	0.0	0.00	106.7	16.3	0.0	0.0	350	20-Apr
PX05	84	112	28.41	32.6	12.8	0.0	0.00	122.0	15.8	0.0	0.0	350	21-Apr
PX05	84	113	28.17	31.1	15.1	0.0	0.00	115.0	13.5	0.0	0.0	350	22-Apr
PX05	84	114	30.04	33.7	15.0	0.0	0.00	163.9	13.5	0.0	0.0	350	23-Apr
PX05	84	115	30.34	34.0	14.0	0.0	0.00	244.8	11.3	0.0	0.0	350	24-Apr
PX05	84	116	18.07	29.0	13.5	0.0	0.00	239.2	10.5	0.0	0.0	350	25-Apr
PX05	84	117	13.86	26.0	10.4	0.0	0.00	162.5	10.7	0.0	0.0	350	26-Apr
PX05	84	118	9.55	26.0	8.3	0.0	0.00	140.1	10.7	0.0	0.0	350	27-Apr
PX05	84	119	1.43	23.7	10.9	0.0	0.00	142.9	11.1	0.0	0.0	350	28-Apr
PX05	84	120	26.91	27.7	4.7	0.0	0.00	122.0	11.5	0.0	0.0	350	29-Apr
PX05	84	121	19.17	29.7	8.8	0.0	0.00	155.5	10.1	0.0	0.0	350	30-Apr
PX05	84	122	22.03	31.0	10.9	0.0	0.00	142.9	8.8	0.0	0.0	350	01-May
PX05	84	123	28.45	31.7	11.4	0.0	0.00	141.5	8.6	0.0	0.0	500	02-May
PX05	84	124	29.76	34.0	15.5	0.0	0.00	175.0	10.4	0.0	0.0	500	03-May
PX05	84	125	30.46	34.7	17.1	0.0	0.00	170.8	12.3	0.0	0.0	500	04-May
PX05	84	126	29.90	34.0	17.6	0.0	0.00	152.7	15.1	0.0	0.0	500	05-May
PX05	84	127	30.20	34.0	16.6	0.0	0.00	107.9	13.3	0.0	0.0	500	06-May
PX05	84	128	35.70	35.0	17.6	0.0	0.00	64.5	13.0	0.0	0.0	500	07-May
PX05	84	129	31.00	36.0	16.0	0.0	0.00	144.4	12.7	0.0	0.0	500	08-May
PX05	84	130	30.25	37.0	18.1	0.0	0.00	144.3	12.7	0.0	0.0	500	09-May
PX05	84	131	30.25	37.4	17.6	0.0	0.00	180.5	11.9	0.0	0.0	500	10-May
PX05	84	132	30.50	36.7	18.1	0.0	0.00	114.7	12.3	0.0	0.0	500	11-May
PX05	84	133	17.50	35.7	19.7	0.0	0.00	136.6	12.2	0.0	0.0	500	12-May
PX05	84	134	37.80	37.0	19.7	0.0	0.00	166.8	11.2	0.0	0.0	500	13-May
PX05	84	135	27.60	36.7	21.7	0.0	0.00	233.8	10.3	0.0	0.0	500	14-May
PX05	84	136	24.00	35.0	18.1	0.0	0.00	185.0	12.0	0.0	0.0	500	15-May
PX05	84	137	30.70	34.7	16.0	0.0	0.00	187.2	13.1	0.0	0.0	500	16-May
PX05	84	138	30.25	35.0	18.6	0.0	0.00	134.9	13.0	0.0	0.0	500	17-May
PX05	84	139	30.40	35.7	18.6	0.0	0.00	122.5	12.6	0.0	0.0	500	18-May
PX05	84	140	31.00	36.4	18.6	0.0	0.00	110.5	14.4	0.0	0.0	500	19-May
PX05	84	141	30.70	36.7	19.1	0.0	0.00	147.3	14.9	0.0	0.0	500	20-May
PX05	84	142	30.60	37.0	19.7	0.0	0.00	144.7	8.1	0.0	0.0	500	21-May

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX05	84	143	31.20	37.4	19.7	0.0	0.00	123.0	5.9	0.0	0.0	500	22-May
PX05	84	144	31.00	38.7	18.6	0.0	0.00	133.1	2.1	0.0	0.0	500	23-May
PX05	84	145	31.40	38.4	19.7	0.0	0.00	146.1	-2.2	0.0	0.0	500	24-May
PX05	84	146	31.60	38.4	19.7	0.0	0.00	140.2	5.3	0.0	0.0	500	25-May
PX05	84	147	31.20	38.7	19.1	0.0	0.00	149.4	5.8	0.0	0.0	500	26-May
PX05	84	148	31.60	39.0	20.2	0.0	0.00	149.0	4.8	0.0	0.0	500	27-May
PX05	84	149	31.80	40.4	20.2	0.0	0.00	152.7	4.3	0.0	0.0	500	28-May
PX05	84	150	27.40	39.4	23.8	0.0	0.00	224.6	6.4	0.0	0.0	500	29-May
PX05	84	151	22.30	38.5	24.4	0.0	0.00	181.4	16.8	0.0	0.0	500	30-May
PX05	84	152	29.20	35.8	20.3	0.0	0.00	112.3	16.4	0.0	0.0	500	31-May
PX05	84	153	30.70	36.1	21.9	0.0	0.00	164.2	8.0	0.0	0.0	500	01-Jun
PX05	84	154	30.60	37.0	20.2	0.0	0.00	181.4	4.6	0.0	0.0	500	02-Jun
PX05	84	155	31.40	36.6	22.0	0.0	0.00	190.1	5.0	0.0	0.0	500	03-Jun
PX05	84	156	26.70	34.9	18.4	0.0	0.00	181.4	5.8	0.0	0.0	500	04-Jun
PX05	84	157	25.30	32.5	18.0	0.0	0.00	138.2	6.1	0.0	0.0	500	05-Jun
PX05	84	158	29.40	33.6	17.9	0.0	0.00	181.4	5.3	0.0	0.0	500	06-Jun
PX05	84	159	31.40	32.9	19.4	0.0	0.00	155.5	4.3	0.0	0.0	500	07-Jun
PX05	84	160	30.80	34.6	17.5	0.0	0.00	129.6	2.9	0.0	0.0	500	08-Jun
PX05	84	161	30.90	36.2	16.5	0.0	0.00	65.0	-0.7	0.0	0.0	500	09-Jun
PX05	84	162	30.80	39.0	19.7	0.0	0.00	198.7	-1.7	0.0	0.0	500	10-Jun
PX05	84	163	30.90	37.1	18.0	0.0	0.00	190.1	-2.5	0.0	0.0	500	11-Jun
PX05	84	164	31.60	38.4	16.8	0.0	0.00	190.1	-2.5	0.0	0.0	500	12-Jun
PX05	84	165	31.80	39.2	17.8	0.0	0.00	155.5	-3.0	0.0	0.0	500	13-Jun
PX05	84	166	31.30	39.4	19.4	0.0	0.00	164.2	-4.7	0.0	0.0	500	14-Jun
PX05	84	167	32.00	39.4	18.8	0.0	0.00	112.3	-5.4	0.0	0.0	500	15-Jun
PX05	84	168	31.70	37.7	18.5	0.0	0.00	112.3	-9.0	0.0	0.0	500	16-Jun
PX05	84	169	31.80	39.1	16.9	0.0	0.00	65.0	-10.3	0.0	0.0	500	17-Jun
PX05	84	170	30.90	40.2	18.2	0.0	0.00	112.3	-5.7	0.0	0.0	500	18-Jun
PX05	84	171	30.60	41.1	21.9	0.0	0.00	112.3	-2.2	0.0	0.0	500	19-Jun
PX05	84	172	31.90	37.7	19.7	0.0	0.00	138.2	-0.5	0.0	0.0	500	20-Jun
PX05	84	173	31.70	38.3	17.8	0.0	0.00	164.2	0.6	0.0	0.0	500	21-Jun
PX05	84	174	31.00	34.9	19.5	0.0	0.00	112.3	5.4	0.0	0.0	500	22-Jun
PX05	84	175	29.60	36.3	19.5	0.0	0.00	103.7	5.1	0.0	0.0	500	23-Jun
PX05	84	176	23.20	37.0	22.2	0.0	0.00	103.7	9.9	0.0	0.0	500	24-Jun
PX05	84	177	24.00	33.7	18.8	4.0	0.00	146.9	17.1	0.0	0.0	500	25-Jun
PX05	84	178	29.70	36.3	24.6	0.0	0.00	103.7	17.1	0.0	0.0	500	26-Jun
PX05	84	179	23.70	37.8	26.0	0.0	0.00	65.0	14.8	0.0	0.0	500	27-Jun
PX05	84	180	29.80	38.7	22.5	0.0	0.00	164.2	16.0	0.0	0.0	500	28-Jun
PX05	84	181	29.40	36.9	23.0	3.0	0.00	164.2	17.1	0.0	0.0	500	29-Jun
PX05	84	182	18.30	34.6	24.0	1.0	0.00	103.7	16.5	0.0	0.0	500	30-Jun
PX05	84	183	25.30	36.7	20.4	0.0	0.00	129.6	15.4	0.0	0.0	500	01-Jul
PX05	84	184	22.80	36.4	22.3	0.0	0.00	129.6	16.2	0.0	0.0	500	02-Jul
PX05	84	185	20.30	38.1	24.8	0.0	0.00	129.6	14.5	0.0	0.0	500	03-Jul
PX05	84	186	30.80	39.8	26.3	0.0	0.00	138.2	14.1	0.0	0.0	500	04-Jul
PX05	84	187	29.90	39.9	26.5	0.0	0.00	103.7	13.0	0.0	0.0	500	05-Jul
PX05	84	188	28.40	40.8	26.9	0.0	0.00	138.2	13.6	0.0	0.0	500	06-Jul
PX05	84	189	29.70	38.3	23.8	0.0	0.00	146.9	14.3	0.0	0.0	500	07-Jul
PX05	84	190	28.50	35.9	25.9	0.0	0.00	198.7	15.7	0.0	0.0	500	08-Jul
PX05	84	191	29.90	38.7	24.3	0.0	0.00	138.2	15.6	0.0	0.0	500	09-Jul
PX05	84	192	29.30	40.6	26.0	0.0	0.00	155.5	14.1	0.0	0.0	500	10-Jul
PX05	84	193	24.80	33.0	25.5	0.0	0.00	129.6	15.8	0.0	0.0	500	11-Jul
PX05	84	194	23.80	33.6	22.0	0.0	0.00	129.6	17.7	0.0	0.0	500	12-Jul



	IYR	SOLRAD	XTMIN		XPAR		DEWPT		STMIN		A00		
INSTW	JUL	XTMAX	XRAIN	WIND	STMAX	CO2							
PX05	84	195	22.50	33.0	21.8	5.0	0.00	129.6	18.9	0.0	0.0	500	13-Jul
PX05	84	196	28.50	35.1	22.4	0.0	0.00	146.9	19.7	0.0	0.0	500	14-Jul
PX05	84	197	29.60	32.9	23.5	0.0	0.00	181.4	19.2	0.0	0.0	500	15-Jul
PX05	84	198	28.80	35.1	23.7	0.0	0.00	190.1	18.1	0.0	0.0	500	16-Jul
PX05	84	199	24.60	34.1	22.7	1.0	0.00	146.9	18.4	0.0	0.0	500	17-Jul
PX05	84	200	21.50	31.1	21.5	9.0	0.00	129.6	19.7	0.0	0.0	500	18-Jul
PX05	84	201	18.90	33.3	22.2	0.0	0.00	121.0	18.0	0.0	0.0	500	19-Jul
PX05	84	202	23.10	32.8	20.4	3.0	0.00	138.2	18.4	0.0	0.0	500	20-Jul
PX05	84	203	16.50	28.3	18.6	34.0	0.00	65.0	19.2	0.0	0.0	500	21-Jul
PX05	84	204	16.60	28.7	21.8	0.0	0.00	103.7	19.8	0.0	0.0	500	22-Jul
PX05	84	205	29.60	34.5	20.9	0.0	0.00	86.4	19.5	0.0	0.0	500	23-Jul
PX05	84	206	25.50	35.6	23.9	0.0	0.00	69.1	17.9	0.0	0.0	500	24-Jul
PX05	84	207	23.60	39.0	25.2	0.0	0.00	95.0	16.3	0.0	0.0	500	25-Jul
PX05	84	208	26.90	37.0	21.9	0.0	0.00	112.3	20.4	0.0	0.0	500	26-Jul
PX05	84	209	18.00	34.3	20.5	0.0	0.00	112.3	17.7	0.0	0.0	500	27-Jul
PX05	84	210	26.50	31.8	22.1	100.0	0.00	65.0	18.7	0.0	0.0	500	28-Jul
PX05	84	211	25.80	30.8	21.3	0.0	0.00	77.8	19.5	0.0	0.0	500	29-Jul
PX05	84	212	26.90	32.7	22.6	0.0	0.00	69.1	18.0	0.0	0.0	500	30-Jul
PX05	84	213	23.70	33.5	24.1	0.0	0.00	86.4	18.4	0.0	0.0	500	31-Jul
PX05	84	214	26.90	34.8	22.8	0.0	0.00	95.0	15.0	0.0	0.0	500	01-Aug
PX05	84	215	24.50	33.7	22.0	0.0	0.00	60.5	14.4	0.0	0.0	500	02-Aug
PX05	84	216	27.60	36.4	22.4	0.0	0.00	77.8	14.0	0.0	0.0	500	03-Aug
PX05	84	217	27.60	38.4	23.3	0.0	0.00	121.0	13.6	0.0	0.0	500	04-Aug
PX05	84	218	26.80	36.7	23.3	0.0	0.00	103.7	15.0	0.0	0.0	500	05-Aug
PX05	84	219	27.70	38.7	23.9	0.0	0.00	112.3	13.8	0.0	0.0	500	06-Aug
PX05	84	220	26.60	38.6	23.7	0.0	0.00	112.3	13.1	0.0	0.0	500	07-Aug
PX05	84	221	27.10	33.5	20.3	0.0	0.00	129.6	16.6	0.0	0.0	500	08-Aug
PX05	84	222	21.50	31.2	20.9	5.0	0.00	138.2	18.8	0.0	0.0	500	09-Aug
PX05	84	223	24.70	30.7	21.2	0.0	0.00	95.0	19.4	0.0	0.0	500	10-Aug
PX05	84	224	12.40	30.7	22.9	0.0	0.00	121.0	19.7	0.0	0.0	500	11-Aug
PX05	84	225	26.30	33.6	22.2	0.0	0.00	86.4	18.7	0.0	0.0	500	12-Aug
PX05	84	226	26.60	33.1	23.9	0.0	0.00	138.2	19.4	0.0	0.0	500	13-Aug
PX05	84	227	20.30	32.0	20.0	2.0	0.00	112.3	18.9	0.0	0.0	500	14-Aug
PX05	84	228	23.80	33.4	23.0	0.0	0.00	86.4	19.3	0.0	0.0	500	15-Aug
PX05	84	229	23.60	34.2	23.9	0.0	0.00	112.3	18.4	0.0	0.0	500	16-Aug
PX05	84	230	22.00	34.5	22.3	0.0	0.00	112.3	18.3	0.0	0.0	500	17-Aug
PX05	84	231	21.30	32.8	20.8	0.0	0.00	95.0	17.0	0.0	0.0	500	18-Aug
PX05	84	232	21.50	31.3	22.2	0.0	0.00	112.3	18.1	0.0	0.0	500	19-Aug
PX05	84	233	22.30	33.1	20.9	0.0	0.00	95.0	17.3	0.0	0.0	500	20-Aug
PX05	84	234	25.50	35.0	21.4	0.0	0.00	86.4	15.1	0.0	0.0	500	21-Aug
PX05	84	235	19.50	35.6	22.5	0.0	0.00	121.0	14.2	0.0	0.0	500	22-Aug
PX05	84	236	14.30	31.2	23.1	2.0	0.00	86.4	15.4	0.0	0.0	500	23-Aug
PX05	84	237	24.70	36.3	20.2	0.0	0.00	112.3	14.7	0.0	0.0	500	24-Aug
PX05	84	238	23.10	36.2	20.8	0.0	0.00	86.4	15.0	0.0	0.0	500	25-Aug
PX05	84	239	25.30	37.7	23.3	0.0	0.00	69.1	14.4	0.0	0.0	500	26-Aug
PX05	84	240	22.30	38.1	21.4	0.0	0.00	51.8	14.3	0.0	0.0	500	27-Aug
PX05	84	241	24.80	38.3	24.4	0.0	0.00	0.0	15.4	0.0	0.0	500	28-Aug
PX05	84	242	25.30	39.9	22.3	0.0	0.00	0.0	13.6	0.0	0.0	500	29-Aug
PX05	84	243	25.00	37.2	23.2	0.0	0.00	17.3	14.1	0.0	0.0	500	30-Aug
PX05	84	244	21.30	34.9	23.6	0.0	0.00	51.8	15.9	0.0	0.0	500	31-Aug
PX05	84	245	24.10	34.4	18.4	20.0	0.00	60.5	18.2	0.0	0.0	500	01-Sep
PX05	84	246	24.10	31.8	18.6	0.0	0.00	17.3	20.3	0.0	0.0	500	02-Sep

	IYR	SOLRAD	XTMIN		XPAR		DEWPT		STMIN		A00		
INSTW	JUL	XTMAX	XRAIN	WIND	STMAX	CO2							
PX05	84	247	24.50	36.0	21.4	0.0	0.00	77.8	19.0	0.0	0.0	500	03-Sep
PX05	84	248	24.80	36.8	22.4	0.0	0.00	138.2	13.2	0.0	0.0	500	04-Sep
PX05	84	249	26.10	36.4	18.0	0.0	0.00	138.2	5.0	0.0	0.0	500	05-Sep
PX05	84	250	25.40	32.1	16.0	0.0	0.00	95.0	9.8	0.0	0.0	500	06-Sep
PX05	84	251	24.10	34.4	17.2	0.0	0.00	86.4	11.1	0.0	0.0	500	07-Sep
PX05	84	252	23.90	34.4	20.9	0.0	0.00	86.4	17.7	0.0	0.0	500	08-Sep
PX05	84	253	22.00	34.0	20.9	0.0	0.00	112.3	18.4	0.0	0.0	500	09-Sep
PX05	84	254	21.50	33.2	20.1	46.0	0.00	86.4	21.3	0.0	0.0	500	10-Sep
PX05	84	255	15.10	29.2	18.6	0.0	0.00	86.4	23.8	0.0	0.0	500	11-Sep
PX05	84	256	22.30	38.4	20.7	0.0	0.00	77.8	21.2	0.0	0.0	500	12-Sep
PX05	84	257	22.10	33.1	19.7	0.0	0.00	77.8	17.3	0.0	0.0	500	13-Sep
PX05	84	258	21.80	34.6	21.0	0.0	0.00	69.1	16.6	0.0	0.0	500	14-Sep
PX05	84	259	23.10	36.4	22.2	1.0	0.00	155.5	12.2	0.0	0.0	500	15-Sep
PX05	84	260	23.10	35.6	21.6	0.0	0.00	95.0	12.2	0.0	0.0	500	16-Sep
PX05	84	261	19.30	36.5	21.9	0.0	0.00	77.8	12.3	0.0	0.0	500	17-Sep
PX05	84	262	22.20	37.9	21.1	0.0	0.00	121.0	10.3	0.0	0.0	500	18-Sep
PX05	84	263	21.70	37.1	20.4	0.0	0.00	95.0	10.7	0.0	0.0	500	19-Sep
PX05	84	264	21.50	36.4	20.5	0.0	0.00	112.3	9.5	0.0	0.0	500	20-Sep
PX05	84	265	18.80	35.4	20.8	2.0	0.00	121.0	12.4	0.0	0.0	500	21-Sep
PX05	84	266	20.90	34.2	19.4	0.0	0.00	138.2	13.1	0.0	0.0	500	22-Sep
PX05	84	267	19.60	34.2	20.7	0.0	0.00	121.0	12.4	0.0	0.0	500	23-Sep
PX05	84	268	3.70	34.0	19.1	0.0	0.00	86.4	11.9	0.0	0.0	500	24-Sep
PX05	84	269	3.90	24.9	18.5	8.0	0.00	69.1	17.6	0.0	0.0	500	25-Sep
PX05	84	270	20.10	20.7	16.2	20.0	0.00	17.3	17.1	0.0	0.0	500	26-Sep
PX05	84	271	20.60	31.5	14.6	0.0	0.00	17.3	18.4	0.0	0.0	500	27-Sep
PX05	84	272	20.00	33.0	16.3	0.0	0.00	25.9	17.0	0.0	0.0	500	28-Sep
PX05	84	273	14.20	34.7	15.2	0.0	0.00	51.8	16.9	0.0	0.0	500	29-Sep
PX05	84	274	17.60	33.3	15.9	0.0	0.00	146.9	15.7	0.0	0.0	500	30-Sep
PX05	84	275	18.60	34.5	16.7	0.0	0.00	86.4	12.2	0.0	0.0	500	01-Oct
PX05	84	276	18.60	33.4	17.2	0.0	0.00	86.4	11.4	0.0	0.0	500	02-Oct
PX05	84	277	18.70	33.4	17.2	5.0	0.00	77.8	11.4	0.0	0.0	500	03-Oct
PX05	84	278	18.90	30.4	13.5	0.0	0.00	69.1	12.2	0.0	0.0	500	04-Oct
PX05	84	279	19.00	32.9	16.4	0.0	0.00	69.1	10.7	0.0	0.0	500	05-Oct
PX05	84	280	19.00	33.9	14.6	0.0	0.00	60.5	9.5	0.0	0.0	500	06-Oct
PX05	84	281	19.10	32.5	15.4	0.0	0.00	51.8	8.4	0.0	0.0	500	07-Oct
PX05	84	282	18.70	32.9	14.1	0.0	0.00	51.8	7.0	0.0	0.0	500	08-Oct
PX05	84	283	18.20	32.6	14.6	0.0	0.00	60.5	7.0	0.0	0.0	500	09-Oct
PX05	84	284	17.70	31.3	14.8	0.0	0.00	86.4	8.1	0.0	0.0	500	10-Oct
PX05	84	285	14.30	30.8	16.4	0.0	0.00	60.5	13.1	0.0	0.0	500	11-Oct
PX05	84	286	17.60	30.0	17.1	0.0	0.00	60.5	13.5	0.0	0.0	500	12-Oct
PX05	84	287	16.60	29.6	13.8	0.0	0.00	112.3	9.2	0.0	0.0	500	13-Oct
PX05	84	288	17.80	29.8	13.0	0.0	0.00	69.1	6.8	0.0	0.0	500	14-Oct
PX05	84	289	14.80	27.2	12.8	0.0	0.00	164.2	12.0	0.0	0.0	500	15-Oct
PX05	84	290	17.20	23.2	9.0	0.0	0.00	103.7	-0.0	0.0	0.0	500	16-Oct

FILENAME: PX100407.W84

WEATHER DATA FOR CO2=500, IRRIGATION=DRY, REP=#2

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC      ↓      CO2YR WINDYR  
 PX10 33.40 112.00 2.30 0 1 1 0 1 500 0.0

INSTW	IYR		SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00
	JUL		XTMAX		XRAIN		WIND		STMAX	CO2			
PX10	84	97	8.03	23.9	12.2	0.0	0.00	122.0	6.5	0.0	0.0	350	06-Apr
PX10	84	98	20.22	24.4	10.6	0.0	0.00	162.5	6.5	0.0	0.0	350	07-Apr
PX10	84	99	26.03	27.2	11.1	0.0	0.00	184.8	7.8	0.0	0.0	350	08-Apr
PX10	84	100	25.94	27.2	15.0	0.0	0.00	138.7	12.8	0.0	0.0	350	09-Apr
PX10	84	101	21.02	27.8	12.2	0.0	0.00	147.1	12.4	0.0	0.0	350	10-Apr
PX10	84	102	25.03	30.0	15.0	0.0	0.00	140.1	6.7	0.0	0.0	350	11-Apr
PX10	84	103	26.47	32.2	17.2	0.0	0.00	119.2	8.5	0.0	0.0	350	12-Apr
PX10	84	104	26.88	35.1	16.7	0.0	0.00	131.8	4.5	0.0	0.0	350	13-Apr
PX10	84	105	27.78	36.7	18.3	0.0	0.00	133.2	6.1	0.0	0.0	350	14-Apr
PX10	84	106	27.71	37.2	18.9	0.0	0.00	142.9	8.6	0.0	0.0	350	15-Apr
PX10	84	107	27.41	38.3	21.1	0.0	0.00	190.4	12.2	0.0	0.0	350	16-Apr
PX10	84	108	20.87	34.4	21.1	0.0	0.00	162.5	12.4	0.0	0.0	350	17-Apr
PX10	84	109	26.49	32.2	18.9	0.0	0.00	232.2	11.9	0.0	0.0	350	18-Apr
PX10	84	110	26.04	27.8	17.2	0.0	0.00	175.0	17.2	0.0	0.0	350	19-Apr
PX10	84	111	28.36	23.9	12.8	0.0	0.00	106.7	16.3	0.0	0.0	350	20-Apr
PX10	84	112	28.41	32.6	12.8	0.0	0.00	122.0	15.8	0.0	0.0	350	21-Apr
PX10	84	113	28.17	31.1	15.1	0.0	0.00	115.0	13.5	0.0	0.0	350	22-Apr
PX10	84	114	30.04	35.6	15.8	0.0	0.00	163.9	13.5	0.0	0.0	350	23-Apr
PX10	84	115	30.34	35.9	14.7	0.0	0.00	244.8	11.3	0.0	0.0	350	24-Apr
PX10	84	116	18.07	31.2	14.2	0.0	0.00	239.2	10.5	0.0	0.0	350	25-Apr
PX10	84	117	13.86	28.4	11.0	0.0	0.00	162.5	10.7	0.0	0.0	350	26-Apr
PX10	84	118	9.55	28.4	8.9	0.0	0.00	140.1	10.7	0.0	0.0	350	27-Apr
PX10	84	119	1.43	26.1	11.5	0.0	0.00	142.9	11.1	0.0	0.0	350	28-Apr
PX10	84	120	26.91	29.9	5.2	0.0	0.00	122.0	11.5	0.0	0.0	350	29-Apr
PX10	84	121	19.17	31.8	9.4	0.0	0.00	155.5	10.1	0.0	0.0	350	30-Apr
PX10	84	122	22.03	33.1	11.5	0.0	0.00	142.9	8.8	0.0	0.0	350	01-May
PX10	84	123	28.45	33.7	12.1	0.0	0.00	141.5	8.6	0.0	0.0	500	02-May
PX10	84	124	29.76	35.9	16.3	0.0	0.00	175.0	10.4	0.0	0.0	500	03-May
PX10	84	125	30.46	36.6	17.9	0.0	0.00	170.8	12.3	0.0	0.0	500	04-May
PX10	84	126	29.90	35.9	18.4	0.0	0.00	152.7	15.1	0.0	0.0	500	05-May
PX10	84	127	30.20	35.9	17.3	0.0	0.00	107.9	13.3	0.0	0.0	500	06-May
PX10	84	128	35.70	36.9	18.4	0.0	0.00	64.5	13.0	0.0	0.0	500	07-May
PX10	84	129	31.00	37.8	16.8	0.0	0.00	144.4	12.7	0.0	0.0	500	08-May
PX10	84	130	30.25	38.8	18.9	0.0	0.00	144.3	12.7	0.0	0.0	500	09-May
PX10	84	131	30.25	39.1	18.4	0.0	0.00	180.5	11.9	0.0	0.0	500	10-May
PX10	84	132	30.50	38.5	18.9	0.0	0.00	114.7	12.3	0.0	0.0	500	11-May
PX10	84	133	17.50	37.5	20.5	0.0	0.00	136.6	12.2	0.0	0.0	500	12-May
PX10	84	134	37.80	38.8	20.5	0.0	0.00	166.8	11.2	0.0	0.0	500	13-May
PX10	84	135	27.60	38.5	22.6	0.0	0.00	233.8	10.3	0.0	0.0	500	14-May
PX10	84	136	24.00	36.9	18.9	0.0	0.00	185.0	12.0	0.0	0.0	500	15-May
PX10	84	137	30.70	36.6	16.8	0.0	0.00	187.2	13.1	0.0	0.0	500	16-May
PX10	84	138	30.25	36.9	19.5	0.0	0.00	134.9	13.0	0.0	0.0	500	17-May
PX10	84	139	30.40	37.5	19.5	0.0	0.00	122.5	12.6	0.0	0.0	500	18-May
PX10	84	140	31.00	38.1	19.5	0.0	0.00	110.5	14.4	0.0	0.0	500	19-May
PX10	84	141	30.70	38.5	20.0	0.0	0.00	147.3	14.9	0.0	0.0	500	20-May
PX10	84	142	30.60	38.8	20.5	0.0	0.00	144.7	8.1	0.0	0.0	500	21-May

	YR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL	XTMAX		XRAIN		WIND	STMAX	CO2					
PX10	84	143	31.20	39.1	20.5	0.0	0.00	123.0	5.9	0.0	0.0	500	22-May
PX10	84	144	31.00	40.3	19.5	0.0	0.00	133.1	2.1	0.0	0.0	500	23-May
PX10	84	145	31.40	40.0	20.5	0.0	0.00	146.1	-2.2	0.0	0.0	500	24-May
PX10	84	146	31.60	40.0	20.5	0.0	0.00	140.2	5.3	0.0	0.0	500	25-May
PX10	84	147	31.20	40.3	20.0	0.0	0.00	149.4	5.8	0.0	0.0	500	26-May
PX10	84	148	31.60	40.7	21.0	0.0	0.00	149.0	4.8	0.0	0.0	500	27-May
PX10	84	149	31.80	41.9	21.0	0.0	0.00	152.7	4.3	0.0	0.0	500	28-May
PX10	84	150	27.40	41.0	24.7	0.0	0.00	224.6	8.0	0.0	0.0	500	29-May
PX10	84	151	22.30	39.6	25.3	0.0	0.00	181.4	11.1	0.0	0.0	500	30-May
PX10	84	152	29.20	36.3	20.9	0.0	0.00	112.3	15.0	0.0	0.0	500	31-May
PX10	84	153	30.70	38.0	22.3	0.0	0.00	164.2	10.7	0.0	0.0	500	01-Jun
PX10	84	154	30.60	38.8	21.0	0.0	0.00	181.4	9.0	0.0	0.0	500	02-Jun
PX10	84	155	31.40	37.6	21.7	0.0	0.00	190.1	3.6	0.0	0.0	500	03-Jun
PX10	84	156	26.70	37.1	19.1	0.0	0.00	181.4	8.9	0.0	0.0	500	04-Jun
PX10	84	157	25.30	35.1	19.0	0.0	0.00	138.2	8.6	0.0	0.0	500	05-Jun
PX10	84	158	29.40	36.2	19.0	0.0	0.00	181.4	7.4	0.0	0.0	500	06-Jun
PX10	84	159	31.40	35.5	20.4	0.0	0.00	155.5	6.4	0.0	0.0	500	07-Jun
PX10	84	160	30.80	35.9	18.4	0.0	0.00	129.6	7.1	0.0	0.0	500	08-Jun
PX10	84	161	30.90	37.7	17.1	0.0	0.00	65.0	5.6	0.0	0.0	500	09-Jun
PX10	84	162	30.80	40.2	20.2	0.0	0.00	198.7	5.3	0.0	0.0	500	10-Jun
PX10	84	163	30.90	39.4	18.3	0.0	0.00	190.1	3.8	0.0	0.0	500	11-Jun
PX10	84	164	31.60	40.1	17.3	0.0	0.00	190.1	3.8	0.0	0.0	500	12-Jun
PX10	84	165	31.80	41.0	18.2	0.0	0.00	155.5	2.7	0.0	0.0	500	13-Jun
PX10	84	166	31.30	40.8	20.0	0.0	0.00	164.2	2.1	0.0	0.0	500	14-Jun
PX10	84	167	32.00	39.8	19.2	0.0	0.00	112.3	1.7	0.0	0.0	500	15-Jun
PX10	84	168	31.70	38.0	18.9	0.0	0.00	112.3	-0.2	0.0	0.0	500	16-Jun
PX10	84	169	31.80	39.8	17.5	0.0	0.00	65.0	-0.9	0.0	0.0	500	17-Jun
PX10	84	170	30.90	41.0	18.3	0.0	0.00	112.3	2.9	0.0	0.0	500	18-Jun
PX10	84	171	30.60	42.8	22.5	0.0	0.00	112.3	5.0	0.0	0.0	500	19-Jun
PX10	84	172	31.90	39.4	20.5	0.0	0.00	138.2	1.7	0.0	0.0	500	20-Jun
PX10	84	173	31.70	38.7	18.6	0.0	0.00	164.2	7.0	0.0	0.0	500	21-Jun
PX10	84	174	31.00	37.0	19.8	0.0	0.00	112.3	9.9	0.0	0.0	500	22-Jun
PX10	84	175	29.60	39.0	20.2	0.0	0.00	103.7	8.6	0.0	0.0	500	23-Jun
PX10	84	176	23.20	39.9	22.7	0.0	0.00	103.7	12.6	0.0	0.0	500	24-Jun
PX10	84	177	24.00	36.8	23.5	4.0	0.00	146.9	18.8	0.0	0.0	500	25-Jun
PX10	84	178	29.70	39.4	25.9	0.0	0.00	103.7	18.1	0.0	0.0	500	26-Jun
PX10	84	179	23.70	40.5	27.4	0.0	0.00	65.0	16.6	0.0	0.0	500	27-Jun
PX10	84	180	29.80	40.4	24.4	0.0	0.00	164.2	17.3	0.0	0.0	500	28-Jun
PX10	84	181	29.40	38.6	24.2	3.0	0.00	164.2	18.0	0.0	0.0	500	29-Jun
PX10	84	182	18.30	35.3	25.8	1.0	0.00	103.7	17.4	0.0	0.0	500	30-Jun
PX10	84	183	25.30	38.1	22.0	0.0	0.00	129.6	16.7	0.0	0.0	500	01-Jul
PX10	84	184	22.80	36.9	23.6	0.0	0.00	129.6	18.0	0.0	0.0	500	02-Jul
PX10	84	185	20.30	39.0	24.9	0.0	0.00	129.6	16.1	0.0	0.0	500	03-Jul
PX10	84	186	30.80	40.7	28.1	0.0	0.00	138.2	15.6	0.0	0.0	500	04-Jul
PX10	84	187	29.90	40.6	27.2	0.0	0.00	103.7	15.1	0.0	0.0	500	05-Jul
PX10	84	188	28.40	41.6	27.2	0.0	0.00	138.2	15.2	0.0	0.0	500	06-Jul
PX10	84	189	29.70	39.8	24.8	0.0	0.00	146.9	15.6	0.0	0.0	500	07-Jul
PX10	84	190	28.50	37.5	26.9	0.0	0.00	198.7	16.9	0.0	0.0	500	08-Jul
PX10	84	191	29.90	37.7	25.2	0.0	0.00	138.2	17.1	0.0	0.0	500	09-Jul
PX10	84	192	29.30	40.9	23.3	0.0	0.00	155.5	16.4	0.0	0.0	500	10-Jul
PX10	84	193	24.80	34.6	26.0	0.0	0.00	129.6	17.0	0.0	0.0	500	11-Jul
PX10	84	194	23.80	35.4	23.3	0.0	0.00	129.6	18.4	0.0	0.0	500	12-Jul

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX10	84	195	22.50	35.2	22.7	5.0	0.00	129.6	19.5	0.0	0.0	500	13-Jul
PX10	84	196	28.50	35.1	22.4	0.0	0.00	146.9	20.2	0.0	0.0	500	14-Jul
PX10	84	197	29.60	36.1	25.3	0.0	0.00	181.4	19.3	0.0	0.0	500	15-Jul
PX10	84	198	28.80	37.7	25.5	0.0	0.00	190.1	18.5	0.0	0.0	500	16-Jul
PX10	84	199	24.60	36.4	24.1	1.0	0.00	146.9	18.9	0.0	0.0	500	17-Jul
PX10	84	200	21.50	33.5	22.1	9.0	0.00	129.6	18.8	0.0	0.0	500	18-Jul
PX10	84	201	18.90	35.6	23.1	0.0	0.00	121.0	18.6	0.0	0.0	500	19-Jul
PX10	84	202	23.10	35.0	21.7	3.0	0.00	138.2	18.9	0.0	0.0	500	20-Jul
PX10	84	203	16.50	39.2	19.4	34.0	0.00	65.0	23.6	0.0	0.0	500	21-Jul
PX10	84	204	16.60	31.6	23.1	0.0	0.00	103.7	20.3	0.0	0.0	500	22-Jul
PX10	84	205	29.60	34.1	22.1	0.0	0.00	86.4	19.9	0.0	0.0	500	23-Jul
PX10	84	206	25.50	32.7	23.4	0.0	0.00	69.1	18.8	0.0	0.0	500	24-Jul
PX10	84	207	23.60	34.5	24.6	0.0	0.00	95.0	16.6	0.0	0.0	500	25-Jul
PX10	84	208	26.90	33.6	22.0	0.0	0.00	112.3	15.6	0.0	0.0	500	26-Jul
PX10	84	209	18.00	31.1	22.0	0.0	0.00	112.3	18.1	0.0	0.0	500	27-Jul
PX10	84	210	26.50	30.8	21.5	100.0	0.00	65.0	19.1	0.0	0.0	500	28-Jul
PX10	84	211	25.80	29.1	20.9	0.0	0.00	77.8	20.1	0.0	0.0	500	29-Jul
PX10	84	212	26.90	30.5	21.9	0.0	0.00	69.1	22.2	0.0	0.0	500	30-Jul
PX10	84	213	23.70	32.0	23.7	0.0	0.00	86.4	23.8	0.0	0.0	500	31-Jul
PX10	84	214	26.90	32.6	22.6	0.0	0.00	95.0	22.6	0.0	0.0	500	01-Aug
PX10	84	215	24.50	32.2	21.5	0.0	0.00	60.5	18.7	0.0	0.0	500	02-Aug
PX10	84	216	27.60	34.8	22.0	0.0	0.00	77.8	15.2	0.0	0.0	500	03-Aug
PX10	84	217	27.60	36.5	22.9	0.0	0.00	121.0	14.9	0.0	0.0	500	04-Aug
PX10	84	218	26.80	35.4	23.2	0.0	0.00	103.7	15.9	0.0	0.0	500	05-Aug
PX10	84	219	27.70	37.5	23.9	0.0	0.00	112.3	14.6	0.0	0.0	500	06-Aug
PX10	84	220	26.60	37.6	23.5	0.0	0.00	112.3	13.7	0.0	0.0	500	07-Aug
PX10	84	221	27.10	34.3	22.5	0.0	0.00	129.6	17.5	0.0	0.0	500	08-Aug
PX10	84	222	21.50	30.0	21.2	5.0	0.00	138.2	21.1	0.0	0.0	500	09-Aug
PX10	84	223	24.70	29.6	21.1	0.0	0.00	95.0	20.1	0.0	0.0	500	10-Aug
PX10	84	224	12.40	30.0	23.2	0.0	0.00	121.0	20.2	0.0	0.0	500	11-Aug
PX10	84	225	26.30	32.5	22.0	0.0	0.00	86.4	19.3	0.0	0.0	500	12-Aug
PX10	84	226	26.60	31.5	24.2	0.0	0.00	138.2	19.9	0.0	0.0	500	13-Aug
PX10	84	227	20.30	30.9	20.0	2.0	0.00	112.3	19.5	0.0	0.0	500	14-Aug
PX10	84	228	23.80	32.2	23.0	0.0	0.00	86.4	19.8	0.0	0.0	500	15-Aug
PX10	84	229	23.60	33.2	23.8	0.0	0.00	112.3	18.9	0.0	0.0	500	16-Aug
PX10	84	230	22.00	33.1	22.5	0.0	0.00	112.3	18.7	0.0	0.0	500	17-Aug
PX10	84	231	21.30	31.6	20.9	0.0	0.00	95.0	17.4	0.0	0.0	500	18-Aug
PX10	84	232	21.50	30.4	22.2	0.0	0.00	112.3	18.5	0.0	0.0	500	19-Aug
PX10	84	233	22.30	31.8	19.6	0.0	0.00	95.0	18.2	0.0	0.0	500	20-Aug
PX10	84	234	25.50	33.9	18.7	0.0	0.00	86.4	16.5	0.0	0.0	500	21-Aug
PX10	84	235	19.50	34.6	22.2	0.0	0.00	121.0	15.2	0.0	0.0	500	22-Aug
PX10	84	236	14.30	30.4	22.9	2.0	0.00	86.4	16.3	0.0	0.0	500	23-Aug
PX10	84	237	24.70	35.0	20.2	0.0	0.00	112.3	15.4	0.0	0.0	500	24-Aug
PX10	84	238	23.10	34.9	20.6	0.0	0.00	86.4	15.9	0.0	0.0	500	25-Aug
PX10	84	239	25.30	36.4	23.3	0.0	0.00	69.1	15.3	0.0	0.0	500	26-Aug
PX10	84	240	22.30	36.7	21.2	0.0	0.00	51.8	14.9	0.0	0.0	500	27-Aug
PX10	84	241	24.80	36.6	24.5	0.0	0.00	0.0	16.0	0.0	0.0	500	28-Aug
PX10	84	242	25.30	39.4	23.1	0.0	0.00	0.0	14.3	0.0	0.0	500	29-Aug
PX10	84	243	25.00	35.1	23.2	0.0	0.00	17.3	15.0	0.0	0.0	500	30-Aug
PX10	84	244	21.30	32.8	23.4	0.0	0.00	51.8	16.4	0.0	0.0	500	31-Aug
PX10	84	245	24.10	32.0	19.0	20.0	0.00	60.5	18.8	0.0	0.0	500	01-Sep
PX10	84	246	24.10	29.9	19.3	0.0	0.00	17.3	20.2	0.0	0.0	500	02-Sep

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL	XTMAX		XRAIN	WIND	STMAX	CO2						
PX10	84	247	24.50	33.7	22.1	0.0	0.00	77.8	19.5	0.0	0.0	500	03-Sep
PX10	84	248	24.80	34.8	22.4	0.0	0.00	138.2	13.8	0.0	0.0	500	04-Sep
PX10	84	249	26.10	34.7	18.0	0.0	0.00	138.2	5.8	0.0	0.0	500	05-Sep
PX10	84	250	25.40	33.6	16.2	0.0	0.00	95.0	7.1	0.0	0.0	500	06-Sep
PX10	84	251	24.10	32.0	17.0	0.0	0.00	86.4	11.1	0.0	0.0	500	07-Sep
PX10	84	252	23.90	32.4	20.9	0.0	0.00	86.4	16.9	0.0	0.0	500	08-Sep
PX10	84	253	22.00	32.2	20.8	0.0	0.00	112.3	17.8	0.0	0.0	500	09-Sep
PX10	84	254	21.50	31.4	20.1	46.0	0.00	86.4	21.3	0.0	0.0	500	10-Sep
PX10	84	255	15.10	29.2	18.6	0.0	0.00	86.4	23.8	0.0	0.0	500	11-Sep
PX10	84	256	22.30	38.4	20.7	0.0	0.00	77.8	21.2	0.0	0.0	500	12-Sep
PX10	84	257	22.10	31.6	19.3	0.0	0.00	77.8	17.7	0.0	0.0	500	13-Sep
PX10	84	258	21.80	32.5	20.7	0.0	0.00	69.1	17.3	0.0	0.0	500	14-Sep
PX10	84	259	23.10	35.0	22.1	1.0	0.00	155.5	12.8	0.0	0.0	500	15-Sep
PX10	84	260	23.10	33.8	20.7	0.0	0.00	95.0	13.2	0.0	0.0	500	16-Sep
PX10	84	261	19.30	34.5	21.4	0.0	0.00	77.8	13.4	0.0	0.0	500	17-Sep
PX10	84	262	22.20	36.0	20.6	0.0	0.00	121.0	12.1	0.0	0.0	500	18-Sep
PX10	84	263	21.70	34.2	19.7	0.0	0.00	95.0	12.7	0.0	0.0	500	19-Sep
PX10	84	264	21.50	34.5	20.0	0.0	0.00	112.3	11.3	0.0	0.0	500	20-Sep
PX10	84	265	18.80	33.5	20.3	2.0	0.00	121.0	13.5	0.0	0.0	500	21-Sep
PX10	84	266	20.90	32.5	18.9	0.0	0.00	138.2	13.9	0.0	0.0	500	22-Sep
PX10	84	267	19.60	32.5	20.4	0.0	0.00	121.0	13.4	0.0	0.0	500	23-Sep
PX10	84	268	3.70	32.2	19.2	0.0	0.00	86.4	12.7	0.0	0.0	500	24-Sep
PX10	84	269	3.90	24.6	18.4	8.0	0.00	69.1	17.8	0.0	0.0	500	25-Sep
PX10	84	270	20.10	19.9	16.5	20.0	0.00	17.3	16.9	0.0	0.0	500	26-Sep
PX10	84	271	20.60	27.6	14.9	0.0	0.00	17.3	16.7	0.0	0.0	500	27-Sep
PX10	84	272	20.00	29.6	16.8	0.0	0.00	25.9	14.8	0.0	0.0	500	28-Sep
PX10	84	273	14.20	30.6	16.3	0.0	0.00	51.8	14.7	0.0	0.0	500	29-Sep
PX10	84	274	17.60	29.0	16.8	0.0	0.00	146.9	13.1	0.0	0.0	500	30-Sep
PX10	84	275	18.60	30.1	17.8	0.0	0.00	86.4	11.8	0.0	0.0	500	01-Oct
PX10	84	276	18.60	28.4	15.6	0.0	0.00	86.4	11.8	0.0	0.0	500	02-Oct
PX10	84	277	18.70	28.4	15.6	5.0	0.00	77.8	11.8	0.0	0.0	500	03-Oct
PX10	84	278	18.90	25.3	11.4	0.0	0.00	69.1	12.3	0.0	0.0	500	04-Oct
PX10	84	279	19.00	32.9	16.4	0.0	0.00	69.1	11.4	0.0	0.0	500	05-Oct
PX10	84	280	19.00	28.8	12.3	0.0	0.00	60.5	9.9	0.0	0.0	500	06-Oct
PX10	84	281	19.10	31.6	13.3	0.0	0.00	51.8	9.5	0.0	0.0	500	07-Oct
PX10	84	282	18.70	32.1	13.7	0.0	0.00	51.8	8.4	0.0	0.0	500	08-Oct
PX10	84	283	18.20	32.1	14.3	0.0	0.00	60.5	8.6	0.0	0.0	500	09-Oct
PX10	84	284	17.70	31.3	14.4	0.0	0.00	86.4	9.3	0.0	0.0	500	10-Oct
PX10	84	285	14.30	30.5	16.1	0.0	0.00	60.5	13.6	0.0	0.0	500	11-Oct
PX10	84	286	17.60	29.4	16.5	0.0	0.00	60.5	13.3	0.0	0.0	500	12-Oct
PX10	84	287	16.60	29.3	13.2	0.0	0.00	112.3	9.4	0.0	0.0	500	13-Oct
PX10	84	288	17.80	30.0	12.9	0.0	0.00	69.1	7.5	0.0	0.0	500	14-Oct
PX10	84	289	14.80	27.2	12.8	0.0	0.00	164.2	4.8	0.0	0.0	500	15-Oct
PX10	84	290	17.20	23.2	8.0	0.0	0.00	103.7	0.6	0.0	0.0	500	16-Oct

FILENAME: PX020407.W84

WEATHER DATA FOR CO2=500, IRRIGATION=WET, REP=#1

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC      ↓      CO2YR WINDYR  
 PX02 33.40 112.00 2.30 0 1 1 0 1 350 0.0

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
<u>INSTW</u>	<u>JUL</u>		<u>XTMAX</u>		<u>XRAIN</u>		<u>WIND</u>		<u>STMAX</u>		<u>CO2</u>		
PX02	84	97	8.03	23.9	12.2	0.0	0.00	122.0	6.5	0.0	0.0	350	06-Apr
PX02	84	98	20.22	24.4	10.6	0.0	0.00	162.5	6.5	0.0	0.0	350	07-Apr
PX02	84	99	26.03	27.2	11.1	0.0	0.00	184.8	7.8	0.0	0.0	350	08-Apr
PX02	84	100	25.94	27.2	15.0	0.0	0.00	138.7	12.8	0.0	0.0	350	09-Apr
PX02	84	101	21.02	27.8	12.2	0.0	0.00	147.1	12.4	0.0	0.0	350	10-Apr
PX02	84	102	25.03	30.0	15.0	0.0	0.00	140.1	6.7	0.0	0.0	350	11-Apr
PX02	84	103	26.47	32.2	17.2	0.0	0.00	119.2	8.5	0.0	0.0	350	12-Apr
PX02	84	104	26.88	35.1	16.7	0.0	0.00	131.8	4.5	0.0	0.0	350	13-Apr
PX02	84	105	27.78	36.7	18.3	0.0	0.00	133.2	6.1	0.0	0.0	350	14-Apr
PX02	84	106	27.71	37.2	18.9	0.0	0.00	142.9	8.6	0.0	0.0	350	15-Apr
PX02	84	107	27.41	38.3	21.1	0.0	0.00	190.4	12.2	0.0	0.0	350	16-Apr
PX02	84	108	20.87	34.4	21.1	0.0	0.00	162.5	12.4	0.0	0.0	350	17-Apr
PX02	84	109	26.49	32.2	18.9	0.0	0.00	232.2	11.9	0.0	0.0	350	18-Apr
PX02	84	110	26.04	27.8	17.2	0.0	0.00	175.0	17.2	0.0	0.0	350	19-Apr
PX02	84	111	28.36	23.9	12.8	0.0	0.00	106.7	16.3	0.0	0.0	350	20-Apr
PX02	84	112	28.41	32.6	12.8	0.0	0.00	122.0	15.8	0.0	0.0	350	21-Apr
PX02	84	113	28.17	31.1	15.1	0.0	0.00	115.0	13.5	0.0	0.0	350	22-Apr
PX02	84	114	30.04	34.3	14.3	0.0	0.00	163.9	13.5	0.0	0.0	350	23-Apr
PX02	84	115	30.34	34.7	13.1	0.0	0.00	244.8	11.3	0.0	0.0	350	24-Apr
PX02	84	116	18.07	29.6	12.5	0.0	0.00	239.2	10.5	0.0	0.0	350	25-Apr
PX02	84	117	13.86	26.5	9.0	0.0	0.00	162.5	10.7	0.0	0.0	350	26-Apr
PX02	84	118	9.55	26.5	6.6	0.0	0.00	140.1	10.7	0.0	0.0	350	27-Apr
PX02	84	119	1.43	24.1	9.6	0.0	0.00	142.9	11.1	0.0	0.0	350	28-Apr
PX02	84	120	26.91	28.2	2.4	0.0	0.00	122.0	11.5	0.0	0.0	350	29-Apr
PX02	84	121	19.17	30.3	7.2	0.0	0.00	155.5	10.1	0.0	0.0	350	30-Apr
PX02	84	122	22.03	31.6	9.6	0.0	0.00	142.9	8.8	0.0	0.0	350	01-May
PX02	84	123	28.45	32.3	10.1	0.0	0.00	141.5	8.6	0.0	0.0	500	02-May
PX02	84	124	29.76	34.7	14.9	0.0	0.00	175.0	10.4	0.0	0.0	500	03-May
PX02	84	125	30.46	35.4	16.7	0.0	0.00	170.8	12.3	0.0	0.0	500	04-May
PX02	84	126	29.90	34.7	17.3	0.0	0.00	152.7	15.1	0.0	0.0	500	05-May
PX02	84	127	30.20	34.7	16.1	0.0	0.00	107.9	13.3	0.0	0.0	500	06-May
PX02	84	128	35.70	35.7	17.3	0.0	0.00	64.5	13.0	0.0	0.0	500	07-May
PX02	84	129	31.00	36.7	15.5	0.0	0.00	144.4	12.7	0.0	0.0	500	08-May
PX02	84	130	30.25	37.8	17.9	0.0	0.00	144.3	12.7	0.0	0.0	500	09-May
PX02	84	131	30.25	38.1	17.3	0.0	0.00	180.5	11.9	0.0	0.0	500	10-May
PX02	84	132	30.50	37.4	17.9	0.0	0.00	114.7	12.3	0.0	0.0	500	11-May
PX02	84	133	17.50	36.4	19.6	0.0	0.00	136.6	12.2	0.0	0.0	500	12-May
PX02	84	134	37.80	37.8	19.6	0.0	0.00	166.8	11.2	0.0	0.0	500	13-May
PX02	84	135	27.60	37.4	22.0	0.0	0.00	233.8	10.3	0.0	0.0	500	14-May
PX02	84	136	24.00	35.7	17.9	0.0	0.00	185.0	12.0	0.0	0.0	500	15-May
PX02	84	137	30.70	35.4	15.5	0.0	0.00	187.2	13.1	0.0	0.0	500	16-May
PX02	84	138	30.25	35.7	18.5	0.0	0.00	134.9	13.0	0.0	0.0	500	17-May
PX02	84	139	30.40	36.4	18.5	0.0	0.00	122.5	12.6	0.0	0.0	500	18-May
PX02	84	140	31.00	37.1	18.5	0.0	0.00	110.5	14.4	0.0	0.0	500	19-May
PX02	84	141	30.70	37.4	19.0	0.0	0.00	147.3	14.9	0.0	0.0	500	20-May
PX02	84	142	30.60	37.8	19.6	0.0	0.00	144.7	8.1	0.0	0.0	500	21-May

INSTW	IYR	SOLRAD		XTMIN		XPAR	WIND	DEWPT	STMIN		CO2	A00	
	JUL		XTMAX		XRAIN				STMAX				
PX02	84	143	31.20	38.1	19.6	0.0	0.00	123.0	5.9	0.0	0.0	500	22-May
PX02	84	144	31.00	39.5	18.5	0.0	0.00	133.1	2.1	0.0	0.0	500	23-May
PX02	84	145	31.40	39.1	19.6	0.0	0.00	146.1	-2.2	0.0	0.0	500	24-May
PX02	84	146	31.60	39.1	19.6	0.0	0.00	140.2	5.3	0.0	0.0	500	25-May
PX02	84	147	31.20	39.5	19.0	0.0	0.00	149.4	5.8	0.0	0.0	500	26-May
PX02	84	148	31.60	39.8	20.2	0.0	0.00	149.0	4.8	0.0	0.0	500	27-May
PX02	84	149	31.80	41.2	20.2	0.0	0.00	152.7	4.3	0.0	0.0	500	28-May
PX02	84	150	27.40	40.1	24.4	0.0	0.00	224.6	6.5	0.0	0.0	500	29-May
PX02	84	151	22.30	39.6	24.8	0.0	0.00	181.4	8.4	0.0	0.0	500	30-May
PX02	84	152	29.20	37.2	20.1	0.0	0.00	112.3	12.8	0.0	0.0	500	31-May
PX02	84	153	30.70	36.3	22.3	0.0	0.00	164.2	10.7	0.0	0.0	500	01-Jun
PX02	84	154	30.60	37.8	20.2	0.0	0.00	181.4	8.5	0.0	0.0	500	02-Jun
PX02	84	155	31.40	38.3	21.5	0.0	0.00	190.1	3.6	0.0	0.0	500	03-Jun
PX02	84	156	26.70	32.9	19.0	0.0	0.00	181.4	10.9	0.0	0.0	500	04-Jun
PX02	84	157	25.30	34.9	17.2	0.0	0.00	138.2	11.4	0.0	0.0	500	05-Jun
PX02	84	158	29.40	35.6	18.0	0.0	0.00	181.4	7.4	0.0	0.0	500	06-Jun
PX02	84	159	31.40	34.8	19.7	0.0	0.00	155.5	6.5	0.0	0.0	500	07-Jun
PX02	84	160	30.80	36.7	18.0	0.0	0.00	129.6	5.8	0.0	0.0	500	08-Jun
PX02	84	161	30.90	38.7	16.8	0.0	0.00	65.0	2.3	0.0	0.0	500	09-Jun
PX02	84	162	30.80	40.9	20.0	0.0	0.00	198.7	1.9	0.0	0.0	500	10-Jun
PX02	84	163	30.90	38.7	17.6	0.0	0.00	190.1	1.7	0.0	0.0	500	11-Jun
PX02	84	164	31.60	39.6	16.8	0.0	0.00	190.1	1.7	0.0	0.0	500	12-Jun
PX02	84	165	31.80	37.0	17.5	0.0	0.00	155.5	5.4	0.0	0.0	500	13-Jun
PX02	84	166	31.30	34.2	17.8	0.0	0.00	164.2	6.2	0.0	0.0	500	14-Jun
PX02	84	167	32.00	35.6	15.3	0.0	0.00	112.3	4.1	0.0	0.0	500	15-Jun
PX02	84	168	31.70	33.9	16.9	0.0	0.00	112.3	1.1	0.0	0.0	500	16-Jun
PX02	84	169	31.80	37.6	14.6	0.0	0.00	65.0	0.6	0.0	0.0	500	17-Jun
PX02	84	170	30.90	38.3	17.8	0.0	0.00	112.3	1.5	0.0	0.0	500	18-Jun
PX02	84	171	30.60	39.7	20.8	0.0	0.00	112.3	3.8	0.0	0.0	500	19-Jun
PX02	84	172	31.90	38.4	19.6	0.0	0.00	138.2	4.1	0.0	0.0	500	20-Jun
PX02	84	173	31.70	40.5	17.9	0.0	0.00	164.2	3.0	0.0	0.0	500	21-Jun
PX02	84	174	31.00	40.8	19.7	0.0	0.00	112.3	5.6	0.0	0.0	500	22-Jun
PX02	84	175	29.60	40.1	21.2	0.0	0.00	103.7	6.2	0.0	0.0	500	23-Jun
PX02	84	176	23.20	41.3	22.9	0.0	0.00	103.7	11.1	0.0	0.0	500	24-Jun
PX02	84	177	24.00	37.8	23.2	4.0	0.00	146.9	18.2	0.0	0.0	500	25-Jun
PX02	84	178	29.70	40.6	25.9	0.0	0.00	103.7	17.7	0.0	0.0	500	26-Jun
PX02	84	179	23.70	38.8	26.9	0.0	0.00	65.0	18.1	0.0	0.0	500	27-Jun
PX02	84	180	29.80	37.4	23.4	0.0	0.00	164.2	18.5	0.0	0.0	500	28-Jun
PX02	84	181	29.40	36.6	24.0	3.0	0.00	164.2	18.9	0.0	0.0	500	29-Jun
PX02	84	182	18.30	35.0	24.4	1.0	0.00	103.7	18.2	0.0	0.0	500	30-Jun
PX02	84	183	25.30	36.9	19.8	0.0	0.00	129.6	17.4	0.0	0.0	500	01-Jul
PX02	84	184	22.80	37.2	22.5	0.0	0.00	129.6	17.7	0.0	0.0	500	02-Jul
PX02	84	185	20.30	38.8	24.9	0.0	0.00	129.6	16.3	0.0	0.0	500	03-Jul
PX02	84	186	30.80	40.3	26.5	0.0	0.00	138.2	16.2	0.0	0.0	500	04-Jul
PX02	84	187	29.90	40.1	26.5	0.0	0.00	103.7	15.4	0.0	0.0	500	05-Jul
PX02	84	188	28.40	40.4	26.6	0.0	0.00	138.2	15.8	0.0	0.0	500	06-Jul
PX02	84	189	29.70	39.4	24.5	0.0	0.00	146.9	16.0	0.0	0.0	500	07-Jul
PX02	84	190	28.50	37.5	26.4	0.0	0.00	198.7	17.0	0.0	0.0	500	08-Jul
PX02	84	191	29.90	39.5	24.9	0.0	0.00	138.2	17.2	0.0	0.0	500	09-Jul
PX02	84	192	29.30	41.7	26.2	0.0	0.00	155.5	16.1	0.0	0.0	500	10-Jul
PX02	84	193	24.80	36.2	25.7	0.0	0.00	129.6	17.6	0.0	0.0	500	11-Jul
PX02	84	194	23.80	37.1	22.3	0.0	0.00	129.6	18.4	0.0	0.0	500	12-Jul



INSTW	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
		JUL		XTMAX		XRAIN		WIND		STMAX	CO2		
PX02	84	195	22.50	38.3	23.2	5.0	0.00	129.6	20.0	0.0	0.0	500	13-Jul
PX02	84	196	28.50	35.1	22.4	0.0	0.00	146.9	20.5	0.0	0.0	500	14-Jul
PX02	84	197	29.60	37.7	26.1	0.0	0.00	181.4	20.4	0.0	0.0	500	15-Jul
PX02	84	198	28.80	36.3	24.8	0.0	0.00	190.1	19.5	0.0	0.0	500	16-Jul
PX02	84	199	24.60	34.0	22.8	1.0	0.00	146.9	20.6	0.0	0.0	500	17-Jul
PX02	84	200	21.50	32.6	21.9	9.0	0.00	129.6	21.7	0.0	0.0	500	18-Jul
PX02	84	201	18.90	35.6	22.1	0.0	0.00	121.0	19.7	0.0	0.0	500	19-Jul
PX02	84	202	23.10	35.0	21.5	3.0	0.00	138.2	19.2	0.0	0.0	500	20-Jul
PX02	84	203	16.50	27.5	17.2	34.0	0.00	65.0	19.5	0.0	0.0	500	21-Jul
PX02	84	204	16.60	27.6	21.5	0.0	0.00	103.7	20.4	0.0	0.0	500	22-Jul
PX02	84	205	29.60	30.6	20.7	0.0	0.00	86.4	20.1	0.0	0.0	500	23-Jul
PX02	84	206	25.50	33.0	23.2	0.0	0.00	69.1	18.7	0.0	0.0	500	24-Jul
PX02	84	207	23.60	33.2	24.7	0.0	0.00	95.0	17.8	0.0	0.0	500	25-Jul
PX02	84	208	26.90	31.8	20.9	0.0	0.00	112.3	16.9	0.0	0.0	500	26-Jul
PX02	84	209	18.00	28.6	18.6	0.0	0.00	112.3	18.9	0.0	0.0	500	27-Jul
PX02	84	210	26.50	31.8	22.1	100.0	0.00	65.0	22.2	0.0	0.0	500	28-Jul
PX02	84	211	25.80	29.7	21.2	0.0	0.00	77.8	20.8	0.0	0.0	500	29-Jul
PX02	84	212	26.90	29.9	21.8	0.0	0.00	69.1	19.6	0.0	0.0	500	30-Jul
PX02	84	213	23.70	31.5	23.0	0.0	0.00	86.4	19.9	0.0	0.0	500	31-Jul
PX02	84	214	26.90	31.0	22.1	0.0	0.00	95.0	16.9	0.0	0.0	500	01-Aug
PX02	84	215	24.50	30.7	21.2	0.0	0.00	60.5	16.0	0.0	0.0	500	02-Aug
PX02	84	216	27.60	32.1	21.7	0.0	0.00	77.8	15.8	0.0	0.0	500	03-Aug
PX02	84	217	27.60	33.5	22.5	0.0	0.00	121.0	15.8	0.0	0.0	500	04-Aug
PX02	84	218	26.80	33.1	22.5	0.0	0.00	103.7	16.7	0.0	0.0	500	05-Aug
PX02	84	219	27.70	35.2	23.1	0.0	0.00	112.3	15.5	0.0	0.0	500	06-Aug
PX02	84	220	26.60	35.5	22.9	0.0	0.00	112.3	14.4	0.0	0.0	500	07-Aug
PX02	84	221	27.10	31.5	19.5	0.0	0.00	129.6	17.6	0.0	0.0	500	08-Aug
PX02	84	222	21.50	29.6	20.9	5.0	0.00	138.2	19.6	0.0	0.0	500	09-Aug
PX02	84	223	24.70	29.2	21.1	0.0	0.00	95.0	19.9	0.0	0.0	500	10-Aug
PX02	84	224	12.40	29.5	22.6	0.0	0.00	121.0	20.2	0.0	0.0	500	11-Aug
PX02	84	225	26.30	32.4	22.0	0.0	0.00	86.4	19.4	0.0	0.0	500	12-Aug
PX02	84	226	26.60	30.7	23.7	0.0	0.00	138.2	20.6	0.0	0.0	500	13-Aug
PX02	84	227	20.30	30.4	19.8	2.0	0.00	112.3	19.6	0.0	0.0	500	14-Aug
PX02	84	228	23.80	31.6	22.5	0.0	0.00	86.4	20.0	0.0	0.0	500	15-Aug
PX02	84	229	23.60	32.8	23.4	0.0	0.00	112.3	19.0	0.0	0.0	500	16-Aug
PX02	84	230	22.00	32.9	22.1	0.0	0.00	112.3	19.6	0.0	0.0	500	17-Aug
PX02	84	231	21.30	31.5	20.5	0.0	0.00	95.0	17.6	0.0	0.0	500	18-Aug
PX02	84	232	21.50	30.6	22.1	0.0	0.00	112.3	18.5	0.0	0.0	500	19-Aug
PX02	84	233	22.30	32.4	20.7	0.0	0.00	95.0	17.9	0.0	0.0	500	20-Aug
PX02	84	234	25.50	34.1	21.4	0.0	0.00	86.4	15.8	0.0	0.0	500	21-Aug
PX02	84	235	19.50	35.1	22.2	0.0	0.00	121.0	14.8	0.0	0.0	500	22-Aug
PX02	84	236	14.30	29.0	22.2	2.0	0.00	86.4	16.8	0.0	0.0	500	23-Aug
PX02	84	237	24.70	30.3	19.1	0.0	0.00	112.3	17.4	0.0	0.0	500	24-Aug
PX02	84	238	23.10	30.2	19.1	0.0	0.00	86.4	17.6	0.0	0.0	500	25-Aug
PX02	84	239	25.30	30.8	21.3	0.0	0.00	69.1	17.1	0.0	0.0	500	26-Aug
PX02	84	240	22.30	32.3	20.0	0.0	0.00	51.8	16.4	0.0	0.0	500	27-Aug
PX02	84	241	24.80	32.4	32.1	0.0	0.00	0.0	17.5	0.0	0.0	500	28-Aug
PX02	84	242	25.30	34.8	21.9	0.0	0.00	0.0	15.7	0.0	0.0	500	29-Aug
PX02	84	243	25.00	35.8	21.2	0.0	0.00	17.3	14.6	0.0	0.0	500	30-Aug
PX02	84	244	21.30	34.9	24.2	0.0	0.00	51.8	15.6	0.0	0.0	500	31-Aug
PX02	84	245	24.10	33.7	18.7	20.0	0.00	60.5	18.4	0.0	0.0	500	01-Sep
PX02	84	246	24.10	33.2	19.1	0.0	0.00	17.3	22.3	0.0	0.0	500	02-Sep

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL	XTMAX		XRAIN	WIND	STMAX	CO2						
PX02	84	247	24.50	35.0	20.7	0.0	0.00	77.8	20.2	0.0	0.0	500	03-Sep
PX02	84	248	24.80	35.8	21.8	0.0	0.00	138.2	14.3	0.0	0.0	500	04-Sep
PX02	84	249	26.10	35.7	18.2	0.0	0.00	138.2	6.1	0.0	0.0	500	05-Sep
PX02	84	250	25.40	32.1	16.0	0.0	0.00	95.0	9.8	0.0	0.0	500	06-Sep
PX02	84	251	24.10	29.4	16.0	0.0	0.00	86.4	12.9	0.0	0.0	500	07-Sep
PX02	84	252	23.90	29.8	20.1	0.0	0.00	86.4	17.7	0.0	0.0	500	08-Sep
PX02	84	253	22.00	29.8	19.7	0.0	0.00	112.3	18.6	0.0	0.0	500	09-Sep
PX02	84	254	21.50	34.2	20.1	46.0	0.00	86.4	22.1	0.0	0.0	500	10-Sep
PX02	84	255	15.10	29.2	18.6	0.0	0.00	86.4	23.8	0.0	0.0	500	11-Sep
PX02	84	256	22.30	38.4	20.7	0.0	0.00	77.8	21.2	0.0	0.0	500	12-Sep
PX02	84	257	22.10	30.7	19.4	0.0	0.00	77.8	18.0	0.0	0.0	500	13-Sep
PX02	84	258	21.80	31.5	20.2	0.0	0.00	69.1	17.7	0.0	0.0	500	14-Sep
PX02	84	259	23.10	34.0	22.1	1.0	0.00	155.5	13.8	0.0	0.0	500	15-Sep
PX02	84	260	23.10	33.0	20.7	0.0	0.00	95.0	14.0	0.0	0.0	500	16-Sep
PX02	84	261	19.30	33.4	21.1	0.0	0.00	77.8	13.2	0.0	0.0	500	17-Sep
PX02	84	262	22.20	34.8	20.7	0.0	0.00	121.0	12.2	0.0	0.0	500	18-Sep
PX02	84	263	21.70	33.4	19.7	0.0	0.00	95.0	12.6	0.0	0.0	500	19-Sep
PX02	84	264	21.50	33.0	19.3	0.0	0.00	112.3	11.5	0.0	0.0	500	20-Sep
PX02	84	265	18.80	32.5	19.7	2.0	0.00	121.0	13.8	0.0	0.0	500	21-Sep
PX02	84	266	20.90	31.7	18.7	0.0	0.00	138.2	14.3	0.0	0.0	500	22-Sep
PX02	84	267	19.60	31.7	19.8	0.0	0.00	121.0	13.6	0.0	0.0	500	23-Sep
PX02	84	268	3.70	31.8	18.7	0.0	0.00	86.4	12.9	0.0	0.0	500	24-Sep
PX02	84	269	3.90	24.5	18.6	8.0	0.00	69.1	17.7	0.0	0.0	500	25-Sep
PX02	84	270	20.10	20.3	16.4	20.0	0.00	17.3	16.7	0.0	0.0	500	26-Sep
PX02	84	271	20.60	27.1	14.9	0.0	0.00	17.3	16.9	0.0	0.0	500	27-Sep
PX02	84	272	20.00	28.2	16.7	0.0	0.00	25.9	15.3	0.0	0.0	500	28-Sep
PX02	84	273	14.20	29.7	15.7	0.0	0.00	51.8	15.2	0.0	0.0	500	29-Sep
PX02	84	274	17.60	28.3	16.3	0.0	0.00	146.9	13.6	0.0	0.0	500	30-Sep
PX02	84	275	18.60	28.6	17.6	0.0	0.00	86.4	12.2	0.0	0.0	500	01-Oct
PX02	84	276	18.60	27.0	14.9	0.0	0.00	86.4	11.9	0.0	0.0	500	02-Oct
PX02	84	277	18.70	27.0	14.9	5.0	0.00	77.8	11.9	0.0	0.0	500	03-Oct
PX02	84	278	18.90	24.5	11.3	0.0	0.00	69.1	12.7	0.0	0.0	500	04-Oct
PX02	84	279	19.00	32.9	16.4	0.0	0.00	69.1	11.3	0.0	0.0	500	05-Oct
PX02	84	280	19.00	27.8	12.2	0.0	0.00	60.5	10.3	0.0	0.0	500	06-Oct
PX02	84	281	19.10	30.6	13.0	0.0	0.00	51.8	9.8	0.0	0.0	500	07-Oct
PX02	84	282	18.70	30.6	13.3	0.0	0.00	51.8	8.5	0.0	0.0	500	08-Oct
PX02	84	283	18.20	30.9	13.3	0.0	0.00	60.5	8.9	0.0	0.0	500	09-Oct
PX02	84	284	17.70	29.6	13.5	0.0	0.00	86.4	9.4	0.0	0.0	500	10-Oct
PX02	84	285	14.30	29.8	15.7	0.0	0.00	60.5	13.7	0.0	0.0	500	11-Oct
PX02	84	286	17.60	28.6	16.4	0.0	0.00	60.5	13.3	0.0	0.0	500	12-Oct
PX02	84	287	16.60	28.1	13.3	0.0	0.00	112.3	9.4	0.0	0.0	500	13-Oct
PX02	84	288	17.80	28.4	12.5	0.0	0.00	69.1	7.7	0.0	0.0	500	14-Oct
PX02	84	289	14.80	25.9	12.2	0.0	0.00	164.2	5.1	0.0	0.0	500	15-Oct
PX02	84	290	17.20	22.2	7.5	0.0	0.00	103.7	2.5	0.0	0.0	500	16-Oct

FILENAME: PX160407.W84

WEATHER DATA FOR CO2=500, IRRIGATION=WET, REP=#2

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC      ↓      CO2YR WINDYR  
 PX16 33.40 112.00 2.30 0 1 1 0 1 350 0.0

	IYR	SOLRAD	XTMIN	XPAR	DEWPT	STMIN	A00				
<u>INSTW</u>	<u>JUL</u>	<u>XTMAX</u>	<u>XRAIN</u>	<u>WIND</u>	<u>STMAX</u>	<u>CO2</u>					
PX16 84 97	8.03	23.9	12.2	0.0	0.00	122.0	6.5	0.0	0.0	350	06-Apr
PX16 84 98	20.22	24.4	10.6	0.0	0.00	162.5	6.5	0.0	0.0	350	07-Apr
PX16 84 99	26.03	27.2	11.1	0.0	0.00	184.8	7.8	0.0	0.0	350	08-Apr
PX16 84 100	25.94	27.2	15.0	0.0	0.00	138.7	12.8	0.0	0.0	350	09-Apr
PX16 84 101	21.02	27.8	12.2	0.0	0.00	147.1	12.4	0.0	0.0	350	10-Apr
PX16 84 102	25.03	30.0	15.0	0.0	0.00	140.1	6.7	0.0	0.0	350	11-Apr
PX16 84 103	26.47	32.2	17.2	0.0	0.00	119.2	8.5	0.0	0.0	350	12-Apr
PX16 84 104	26.88	35.1	16.7	0.0	0.00	131.8	4.5	0.0	0.0	350	13-Apr
PX16 84 105	27.78	36.7	18.3	0.0	0.00	133.2	6.1	0.0	0.0	350	14-Apr
PX16 84 106	27.71	37.2	18.9	0.0	0.00	142.9	8.6	0.0	0.0	350	15-Apr
PX16 84 107	27.41	38.3	21.1	0.0	0.00	190.4	12.2	0.0	0.0	350	16-Apr
PX16 84 108	20.87	34.4	21.1	0.0	0.00	162.5	12.4	0.0	0.0	350	17-Apr
PX16 84 109	26.49	32.2	18.9	0.0	0.00	232.2	11.9	0.0	0.0	350	18-Apr
PX16 84 110	26.04	27.8	17.2	0.0	0.00	175.0	17.2	0.0	0.0	350	19-Apr
PX16 84 111	28.36	23.9	12.8	0.0	0.00	106.7	16.3	0.0	0.0	350	20-Apr
PX16 84 112	28.41	32.6	12.8	0.0	0.00	122.0	15.8	0.0	0.0	350	21-Apr
PX16 84 113	28.17	31.1	15.1	0.0	0.00	115.0	13.5	0.0	0.0	350	22-Apr
PX16 84 114	30.04	33.5	15.0	0.0	0.00	163.9	13.5	0.0	0.0	350	23-Apr
PX16 84 115	30.34	33.8	13.9	0.0	0.00	244.8	11.3	0.0	0.0	350	24-Apr
PX16 84 116	18.07	30.0	13.4	0.0	0.00	239.2	10.5	0.0	0.0	350	25-Apr
PX16 84 117	13.86	27.7	10.2	0.0	0.00	162.5	10.7	0.0	0.0	350	26-Apr
PX16 84 118	9.55	27.7	8.1	0.0	0.00	140.1	10.7	0.0	0.0	350	27-Apr
PX16 84 119	1.43	25.9	10.7	0.0	0.00	142.9	11.1	0.0	0.0	350	28-Apr
PX16 84 120	26.91	29.0	4.4	0.0	0.00	122.0	11.5	0.0	0.0	350	29-Apr
PX16 84 121	19.17	30.5	8.6	0.0	0.00	155.5	10.1	0.0	0.0	350	30-Apr
PX16 84 122	22.03	31.5	10.7	0.0	0.00	142.9	8.8	0.0	0.0	350	01-May
PX16 84 123	28.45	32.0	11.3	0.0	0.00	141.5	8.6	0.0	0.0	500	02-May
PX16 84 124	29.76	33.8	15.5	0.0	0.00	175.0	10.4	0.0	0.0	500	03-May
PX16 84 125	30.46	34.3	17.1	0.0	0.00	170.8	12.3	0.0	0.0	500	04-May
PX16 84 126	29.90	33.8	17.6	0.0	0.00	152.7	15.1	0.0	0.0	500	05-May
PX16 84 127	30.20	33.8	16.6	0.0	0.00	107.9	13.3	0.0	0.0	500	06-May
PX16 84 128	35.70	34.6	17.6	0.0	0.00	64.5	13.0	0.0	0.0	500	07-May
PX16 84 129	31.00	35.3	16.0	0.0	0.00	144.4	12.7	0.0	0.0	500	08-May
PX16 84 130	30.25	36.1	18.2	0.0	0.00	144.3	12.7	0.0	0.0	500	09-May
PX16 84 131	30.25	36.3	17.6	0.0	0.00	180.5	11.9	0.0	0.0	500	10-May
PX16 84 132	30.50	35.8	18.2	0.0	0.00	114.7	12.3	0.0	0.0	500	11-May
PX16 84 133	17.50	35.1	19.7	0.0	0.00	136.6	12.2	0.0	0.0	500	12-May
PX16 84 134	37.80	36.1	19.7	0.0	0.00	166.8	11.2	0.0	0.0	500	13-May
PX16 84 135	27.60	35.8	21.9	0.0	0.00	233.8	10.3	0.0	0.0	500	14-May
PX16 84 136	24.00	34.6	18.2	0.0	0.00	185.0	12.0	0.0	0.0	500	15-May
PX16 84 137	30.70	34.3	16.0	0.0	0.00	187.2	13.1	0.0	0.0	500	16-May
PX16 84 138	30.25	34.6	18.7	0.0	0.00	134.9	13.0	0.0	0.0	500	17-May
PX16 84 139	30.40	35.1	18.7	0.0	0.00	122.5	12.6	0.0	0.0	500	18-May
PX16 84 140	31.00	35.6	18.7	0.0	0.00	110.5	14.4	0.0	0.0	500	19-May
PX16 84 141	30.70	35.8	19.2	0.0	0.00	147.3	14.9	0.0	0.0	500	20-May
PX16 84 142	30.60	36.1	19.7	0.0	0.00	144.7	8.1	0.0	0.0	500	21-May

	IYR	SOLRAD		XTMIN		XPAR	DEWPT		STMIN		A00		
INSTW	JUL	XTMAX		XRAIN		WIND	STMAX		CO2				
PX16	84	143	31.20	36.3	19.7	0.0	0.00	123.0	5.9	0.0	0.0	500	22-May
PX16	84	144	31.00	37.3	18.7	0.0	0.00	133.1	2.1	0.0	0.0	500	23-May
PX16	84	145	31.40	37.1	19.7	0.0	0.00	146.1	-2.2	0.0	0.0	500	24-May
PX16	84	146	31.60	37.1	19.7	0.0	0.00	140.2	5.3	0.0	0.0	500	25-May
PX16	84	147	31.20	37.3	19.2	0.0	0.00	149.4	5.8	0.0	0.0	500	26-May
PX16	84	148	31.60	37.6	20.3	0.0	0.00	149.0	4.8	0.0	0.0	500	27-May
PX16	84	149	31.80	38.6	20.3	0.0	0.00	152.7	4.3	0.0	0.0	500	28-May
PX16	84	150	27.40	37.8	24.0	0.0	0.00	224.6	5.0	0.0	0.0	500	29-May
PX16	84	151	22.30	38.1	24.3	0.0	0.00	181.4	7.7	0.0	0.0	500	30-May
PX16	84	152	29.20	36.2	20.5	0.0	0.00	112.3	11.6	0.0	0.0	500	31-May
PX16	84	153	30.70	36.7	22.0	0.0	0.00	164.2	7.3	0.0	0.0	500	01-Jun
PX16	84	154	30.60	36.1	20.3	0.0	0.00	181.4	4.6	0.0	0.0	500	02-Jun
PX16	84	155	31.40	37.1	22.3	0.0	0.00	190.1	-0.5	0.0	0.0	500	03-Jun
PX16	84	156	26.70	35.1	18.6	0.0	0.00	181.4	6.1	0.0	0.0	500	04-Jun
PX16	84	157	25.30	32.8	18.2	0.0	0.00	138.2	6.5	0.0	0.0	500	05-Jun
PX16	84	158	29.40	34.1	18.1	0.0	0.00	181.4	5.6	0.0	0.0	500	06-Jun
PX16	84	159	31.40	33.2	19.4	0.0	0.00	155.5	4.6	0.0	0.0	500	07-Jun
PX16	84	160	30.80	34.8	17.4	0.0	0.00	129.6	3.2	0.0	0.0	500	08-Jun
PX16	84	161	30.90	36.8	16.6	0.0	0.00	65.0	-0.2	0.0	0.0	500	09-Jun
PX16	84	162	30.80	39.1	19.8	0.0	0.00	198.7	-1.2	0.0	0.0	500	10-Jun
PX16	84	163	30.90	37.4	18.3	0.0	0.00	190.1	-1.9	0.0	0.0	500	11-Jun
PX16	84	164	31.60	38.4	16.9	0.0	0.00	190.1	-1.9	0.0	0.0	500	12-Jun
PX16	84	165	31.80	34.6	17.9	0.0	0.00	155.5	1.9	0.0	0.0	500	13-Jun
PX16	84	166	31.30	34.8	17.7	0.0	0.00	164.2	1.3	0.0	0.0	500	14-Jun
PX16	84	167	32.00	35.6	17.4	0.0	0.00	112.3	-0.9	0.0	0.0	500	15-Jun
PX16	84	168	31.70	34.5	17.9	0.0	0.00	112.3	-4.7	0.0	0.0	500	16-Jun
PX16	84	169	31.80	36.1	16.9	0.0	0.00	65.0	-5.4	0.0	0.0	500	17-Jun
PX16	84	170	30.90	38.8	18.3	0.0	0.00	112.3	10.3	0.0	0.0	500	18-Jun
PX16	84	171	30.60	37.9	21.4	0.0	0.00	112.3	0.4	0.0	0.0	500	19-Jun
PX16	84	172	31.90	36.6	19.7	0.0	0.00	138.2	4.1	0.0	0.0	500	20-Jun
PX16	84	173	31.70	37.2	17.9	0.0	0.00	164.2	-0.9	0.0	0.0	500	21-Jun
PX16	84	174	31.00	37.4	20.4	0.0	0.00	112.3	4.1	0.0	0.0	500	22-Jun
PX16	84	175	29.60	37.9	20.5	0.0	0.00	103.7	4.1	0.0	0.0	500	23-Jun
PX16	84	176	23.20	37.9	22.4	0.0	0.00	103.7	10.0	0.0	0.0	500	24-Jun
PX16	84	177	24.00	34.3	21.0	4.0	0.00	146.9	17.8	0.0	0.0	500	25-Jun
PX16	84	178	29.70	37.3	24.9	0.0	0.00	103.7	17.1	0.0	0.0	500	26-Jun
PX16	84	179	23.70	34.0	26.5	0.0	0.00	65.0	16.5	0.0	0.0	500	27-Jun
PX16	84	180	29.80	34.2	22.3	0.0	0.00	164.2	17.7	0.0	0.0	500	28-Jun
PX16	84	181	29.40	32.4	22.8	3.0	0.00	164.2	18.2	0.0	0.0	500	29-Jun
PX16	84	182	18.30	31.4	23.5	1.0	0.00	103.7	17.5	0.0	0.0	500	30-Jun
PX16	84	183	25.30	33.5	19.6	0.0	0.00	129.6	16.4	0.0	0.0	500	01-Jul
PX16	84	184	22.80	33.5	21.9	0.0	0.00	129.6	17.0	0.0	0.0	500	02-Jul
PX16	84	185	20.30	35.4	24.4	0.0	0.00	129.6	15.5	0.0	0.0	500	03-Jul
PX16	84	186	30.80	37.3	26.2	0.0	0.00	138.2	15.0	0.0	0.0	500	04-Jul
PX16	84	187	29.90	36.5	26.6	0.0	0.00	103.7	15.0	0.0	0.0	500	05-Jul
PX16	84	188	28.40	36.8	26.1	0.0	0.00	138.2	15.4	0.0	0.0	500	06-Jul
PX16	84	189	29.70	35.1	23.8	0.0	0.00	146.9	15.3	0.0	0.0	500	07-Jul
PX16	84	190	28.50	33.9	25.9	0.0	0.00	198.7	16.5	0.0	0.0	500	08-Jul
PX16	84	191	29.90	35.8	24.3	0.0	0.00	138.2	16.4	0.0	0.0	500	09-Jul
PX16	84	192	29.30	37.7	25.4	0.0	0.00	155.5	15.1	0.0	0.0	500	10-Jul
PX16	84	193	24.80	32.0	25.4	0.0	0.00	129.6	16.2	0.0	0.0	500	11-Jul
PX16	84	194	23.80	32.7	21.7	0.0	0.00	129.6	17.9	0.0	0.0	500	12-Jul

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX16	84	195	22.50	31.9	21.5	5.0	0.00	129.6	18.9	0.0	0.0	500	13-Jul
PX16	84	196	28.50	35.1	22.4	0.0	0.00	146.9	19.5	0.0	0.0	500	14-Jul
PX16	84	197	29.60	32.5	23.9	0.0	0.00	181.4	18.9	0.0	0.0	500	15-Jul
PX16	84	198	28.80	34.3	24.4	0.0	0.00	190.1	18.0	0.0	0.0	500	16-Jul
PX16	84	199	24.60	33.0	22.9	1.0	0.00	146.9	18.5	0.0	0.0	500	17-Jul
PX16	84	200	21.50	32.6	21.9	9.0	0.00	129.6	21.5	0.0	0.0	500	18-Jul
PX16	84	201	18.90	32.0	22.2	0.0	0.00	121.0	24.9	0.0	0.0	500	19-Jul
PX16	84	202	23.10	31.7	20.7	3.0	0.00	138.2	20.6	0.0	0.0	500	20-Jul
PX16	84	203	16.50	28.0	18.7	34.0	0.00	65.0	19.6	0.0	0.0	500	21-Jul
PX16	84	204	16.60	31.2	20.2	0.0	0.00	103.7	21.1	0.0	0.0	500	22-Jul
PX16	84	205	29.60	33.1	19.5	0.0	0.00	86.4	20.2	0.0	0.0	500	23-Jul
PX16	84	206	25.50	33.4	23.3	0.0	0.00	69.1	19.0	0.0	0.0	500	24-Jul
PX16	84	207	23.60	32.0	24.6	0.0	0.00	95.0	17.9	0.0	0.0	500	25-Jul
PX16	84	208	26.90	31.4	21.4	0.0	0.00	112.3	16.8	0.0	0.0	500	26-Jul
PX16	84	209	18.00	29.8	18.6	0.0	0.00	112.3	18.5	0.0	0.0	500	27-Jul
PX16	84	210	26.50	30.8	21.0	100.0	0.00	65.0	19.5	0.0	0.0	500	28-Jul
PX16	84	211	25.80	30.8	21.0	0.0	0.00	77.8	19.6	0.0	0.0	500	29-Jul
PX16	84	212	26.90	32.0	22.3	0.0	0.00	69.1	18.8	0.0	0.0	500	30-Jul
PX16	84	213	23.70	32.8	23.9	0.0	0.00	86.4	18.9	0.0	0.0	500	31-Jul
PX16	84	214	26.90	33.0	22.7	0.0	0.00	95.0	16.0	0.0	0.0	500	01-Aug
PX16	84	215	24.50	32.6	21.7	0.0	0.00	60.5	15.7	0.0	0.0	500	02-Aug
PX16	84	216	27.60	34.1	21.9	0.0	0.00	77.8	15.2	0.0	0.0	500	03-Aug
PX16	84	217	27.60	35.7	23.1	0.0	0.00	121.0	15.0	0.0	0.0	500	04-Aug
PX16	84	218	26.80	34.7	23.3	0.0	0.00	103.7	16.3	0.0	0.0	500	05-Aug
PX16	84	219	27.70	36.3	23.9	0.0	0.00	112.3	14.8	0.0	0.0	500	06-Aug
PX16	84	220	26.60	37.0	23.3	0.0	0.00	112.3	14.2	0.0	0.0	500	07-Aug
PX16	84	221	27.10	32.6	20.6	0.0	0.00	129.6	16.8	0.0	0.0	500	08-Aug
PX16	84	222	21.50	30.6	21.3	5.0	0.00	138.2	19.1	0.0	0.0	500	09-Aug
PX16	84	223	24.70	30.5	21.5	0.0	0.00	95.0	19.5	0.0	0.0	500	10-Aug
PX16	84	224	12.40	36.9	23.6	0.0	0.00	121.0	19.7	0.0	0.0	500	11-Aug
PX16	84	225	26.30	34.2	22.2	0.0	0.00	86.4	18.9	0.0	0.0	500	12-Aug
PX16	84	226	26.60	32.7	24.4	0.0	0.00	138.2	19.5	0.0	0.0	500	13-Aug
PX16	84	227	20.30	32.4	20.3	2.0	0.00	112.3	19.1	0.0	0.0	500	14-Aug
PX16	84	228	23.80	32.8	23.2	0.0	0.00	86.4	19.5	0.0	0.0	500	15-Aug
PX16	84	229	23.60	34.0	24.2	0.0	0.00	112.3	18.6	0.0	0.0	500	16-Aug
PX16	84	230	22.00	33.9	22.7	0.0	0.00	112.3	18.3	0.0	0.0	500	17-Aug
PX16	84	231	21.30	32.0	21.1	0.0	0.00	95.0	17.0	0.0	0.0	500	18-Aug
PX16	84	232	21.50	30.9	22.3	0.0	0.00	112.3	18.2	0.0	0.0	500	19-Aug
PX16	84	233	22.30	32.5	21.0	0.0	0.00	95.0	17.4	0.0	0.0	500	20-Aug
PX16	84	234	25.50	34.6	21.5	0.0	0.00	86.4	15.4	0.0	0.0	500	21-Aug
PX16	84	235	19.50	35.3	22.3	0.0	0.00	121.0	14.5	0.0	0.0	500	22-Aug
PX16	84	236	14.30	29.2	23.1	2.0	0.00	86.4	16.7	0.0	0.0	500	23-Aug
PX16	84	237	24.70	31.5	19.6	0.0	0.00	112.3	16.5	0.0	0.0	500	24-Aug
PX16	84	238	23.10	31.2	19.6	0.0	0.00	86.4	16.9	0.0	0.0	500	25-Aug
PX16	84	239	25.30	33.0	22.5	0.0	0.00	69.1	16.2	0.0	0.0	500	26-Aug
PX16	84	240	22.30	32.7	20.2	0.0	0.00	51.8	16.2	0.0	0.0	500	27-Aug
PX16	84	241	24.80	33.2	23.4	0.0	0.00	0.0	17.3	0.0	0.0	500	28-Aug
PX16	84	242	25.30	35.5	22.2	0.0	0.00	0.0	15.9	0.0	0.0	500	29-Aug
PX16	84	243	25.00	36.5	22.3	0.0	0.00	17.3	14.0	0.0	0.0	500	30-Aug
PX16	84	244	21.30	35.6	25.2	0.0	0.00	51.8	14.9	0.0	0.0	500	31-Aug
PX16	84	245	24.10	34.0	18.5	20.0	0.00	60.5	17.6	0.0	0.0	500	01-Sep
PX16	84	246	24.10	30.3	19.0	0.0	0.00	17.3	18.5	0.0	0.0	500	02-Sep

INSTW	IYR	SOLRAD		XTMIN		XPAR	WIND	DEWPT	STMAX	STMIN	CO2	A00	
		JUL	XTMAX	XRAIN									
PX16	84	247	24.50	34.8	22.2	0.0	0.00	77.8	19.2	0.0	0.0	500	03-Sep
PX16	84	248	24.80	35.1	23.0	0.0	0.00	138.2	13.3	0.0	0.0	500	04-Sep
PX16	84	249	26.10	35.5	18.1	0.0	0.00	138.2	4.8	0.0	0.0	500	05-Sep
PX16	84	250	25.40	31.3	16.5	0.0	0.00	95.0	9.0	0.0	0.0	500	06-Sep
PX16	84	251	24.10	31.1	16.2	0.0	0.00	86.4	11.8	0.0	0.0	500	07-Sep
PX16	84	252	23.90	31.7	20.5	0.0	0.00	86.4	16.9	0.0	0.0	500	08-Sep
PX16	84	253	22.00	31.8	20.6	0.0	0.00	112.3	17.6	0.0	0.0	500	09-Sep
PX16	84	254	21.50	31.4	20.1	46.0	0.00	86.4	21.5	0.0	0.0	500	10-Sep
PX16	84	255	15.10	29.2	18.6	0.0	0.00	86.4	23.8	0.0	0.0	500	11-Sep
PX16	84	256	22.30	38.4	20.7	0.0	0.00	77.8	20.8	0.0	0.0	500	12-Sep
PX16	84	257	22.10	32.5	19.4	0.0	0.00	77.8	17.3	0.0	0.0	500	13-Sep
PX16	84	258	21.80	33.8	20.6	0.0	0.00	69.1	17.0	0.0	0.0	500	14-Sep
PX16	84	259	23.10	34.8	22.2	1.0	0.00	155.5	13.2	0.0	0.0	500	15-Sep
PX16	84	260	23.10	33.9	20.7	0.0	0.00	95.0	13.8	0.0	0.0	500	16-Sep
PX16	84	261	19.30	33.7	21.3	0.0	0.00	77.8	13.9	0.0	0.0	500	17-Sep
PX16	84	262	22.20	35.1	20.3	0.0	0.00	121.0	12.5	0.0	0.0	500	18-Sep
PX16	84	263	21.70	33.6	19.6	0.0	0.00	95.0	12.9	0.0	0.0	500	19-Sep
PX16	84	264	21.50	33.7	19.9	0.0	0.00	112.3	11.4	0.0	0.0	500	20-Sep
PX16	84	265	18.80	32.5	19.9	2.0	0.00	121.0	13.5	0.0	0.0	500	21-Sep
PX16	84	266	20.90	31.4	18.7	0.0	0.00	138.2	14.1	0.0	0.0	500	22-Sep
PX16	84	267	19.60	31.5	19.7	0.0	0.00	121.0	13.4	0.0	0.0	500	23-Sep
PX16	84	268	3.70	30.1	18.8	0.0	0.00	86.4	13.0	0.0	0.0	500	24-Sep
PX16	84	269	3.90	24.3	17.6	8.0	0.00	69.1	17.9	0.0	0.0	500	25-Sep
PX16	84	270	20.10	20.0	16.4	20.0	0.00	17.3	16.9	0.0	0.0	500	26-Sep
PX16	84	271	20.60	27.0	14.7	0.0	0.00	17.3	17.0	0.0	0.0	500	27-Sep
PX16	84	272	20.00	29.4	16.7	0.0	0.00	25.9	15.2	0.0	0.0	500	28-Sep
PX16	84	273	14.20	29.6	16.0	0.0	0.00	51.8	15.2	0.0	0.0	500	29-Sep
PX16	84	274	17.60	27.6	16.5	0.0	0.00	146.9	13.6	0.0	0.0	500	30-Sep
PX16	84	275	18.60	28.5	17.3	0.0	0.00	86.4	12.4	0.0	0.0	500	01-Oct
PX16	84	276	18.60	26.7	15.2	0.0	0.00	86.4	12.2	0.0	0.0	500	02-Oct
PX16	84	277	18.70	26.7	15.2	5.0	0.00	77.8	12.2	0.0	0.0	500	03-Oct
PX16	84	278	18.90	23.4	10.9	0.0	0.00	69.1	13.7	0.0	0.0	500	04-Oct
PX16	84	279	19.00	26.5	11.5	0.0	0.00	69.1	11.0	0.0	0.0	500	05-Oct
PX16	84	280	19.00	29.9	12.6	0.0	0.00	60.5	12.0	0.0	0.0	500	06-Oct
PX16	84	281	19.10	31.0	13.4	0.0	0.00	51.8	10.0	0.0	0.0	500	07-Oct
PX16	84	282	18.70	31.9	13.2	0.0	0.00	51.8	8.5	0.0	0.0	500	08-Oct
PX16	84	283	18.20	30.9	14.1	0.0	0.00	60.5	8.8	0.0	0.0	500	09-Oct
PX16	84	284	17.70	30.0	14.0	0.0	0.00	86.4	8.8	0.0	0.0	500	10-Oct
PX16	84	285	14.30	28.5	15.8	0.0	0.00	60.5	13.7	0.0	0.0	500	11-Oct
PX16	84	286	17.60	27.9	16.1	0.0	0.00	60.5	13.4	0.0	0.0	500	12-Oct
PX16	84	287	16.60	28.0	12.8	0.0	0.00	112.3	9.5	0.0	0.0	500	13-Oct
PX16	84	288	17.80	28.5	12.8	0.0	0.00	69.1	7.5	0.0	0.0	500	14-Oct
PX16	84	289	14.80	25.4	13.0	0.0	0.00	164.2	5.1	0.0	0.0	500	15-Oct
PX16	84	290	17.20	22.1	8.2	0.0	0.00	103.7	0.9	0.0	0.0	500	16-Oct

FILENAME: PX070407.W84

WEATHER DATA FOR CO2=650, IRRIGATION=DRY, REP=#1

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC     ↓     CO2YR WINDYR  
 PX07 33.40 112.00 2.30 0 1 1 0 1 650 0.0

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
<u>INSTW</u>	<u>JUL</u>		<u>XTMAX</u>		<u>XRAIN</u>		<u>WIND</u>		<u>STMAX</u>	<u>CO2</u>			
PX07	84	97	8.03	23.9	12.2	0.0	0.00	122.0	6.5	0.0	0.0	350	06-Apr
PX07	84	98	20.22	24.4	10.6	0.0	0.00	162.5	6.5	0.0	0.0	350	07-Apr
PX07	84	99	26.03	27.2	11.1	0.0	0.00	184.8	7.8	0.0	0.0	350	08-Apr
PX07	84	100	25.94	27.2	15.0	0.0	0.00	138.7	12.8	0.0	0.0	350	09-Apr
PX07	84	101	21.02	27.8	12.2	0.0	0.00	147.1	12.4	0.0	0.0	350	10-Apr
PX07	84	102	25.03	30.0	15.0	0.0	0.00	140.1	6.7	0.0	0.0	350	11-Apr
PX07	84	103	26.47	32.2	17.2	0.0	0.00	119.2	8.5	0.0	0.0	350	12-Apr
PX07	84	104	26.88	35.1	16.7	0.0	0.00	131.8	4.5	0.0	0.0	350	13-Apr
PX07	84	105	27.78	36.7	18.3	0.0	0.00	133.2	6.1	0.0	0.0	350	14-Apr
PX07	84	106	27.71	37.2	18.9	0.0	0.00	142.9	8.6	0.0	0.0	350	15-Apr
PX07	84	107	27.41	38.3	21.1	0.0	0.00	190.4	12.2	0.0	0.0	350	16-Apr
PX07	84	108	20.87	34.4	21.1	0.0	0.00	162.5	12.4	0.0	0.0	350	17-Apr
PX07	84	109	26.49	32.2	18.9	0.0	0.00	232.2	11.9	0.0	0.0	350	18-Apr
PX07	84	110	26.04	27.8	17.2	0.0	0.00	175.0	17.2	0.0	0.0	350	19-Apr
PX07	84	111	28.36	23.9	12.8	0.0	0.00	106.7	16.3	0.0	0.0	350	20-Apr
PX07	84	112	28.41	32.6	12.8	0.0	0.00	122.0	15.8	0.0	0.0	350	21-Apr
PX07	84	113	28.17	31.1	15.1	0.0	0.00	115.0	13.5	0.0	0.0	350	22-Apr
PX07	84	114	30.04	33.8	15.4	0.0	0.00	163.9	13.5	0.0	0.0	350	23-Apr
PX07	84	115	30.34	34.1	14.5	0.0	0.00	244.8	11.3	0.0	0.0	350	24-Apr
PX07	84	116	18.07	29.5	14.1	0.0	0.00	239.2	10.5	0.0	0.0	350	25-Apr
PX07	84	117	13.86	26.7	11.6	0.0	0.00	162.5	10.7	0.0	0.0	350	26-Apr
PX07	84	118	9.55	26.7	9.9	0.0	0.00	140.1	10.7	0.0	0.0	350	27-Apr
PX07	84	119	1.43	24.5	12.0	0.0	0.00	142.9	11.1	0.0	0.0	350	28-Apr
PX07	84	120	26.91	28.2	6.9	0.0	0.00	122.0	11.5	0.0	0.0	350	29-Apr
PX07	84	121	19.17	30.1	10.3	0.0	0.00	155.5	10.1	0.0	0.0	350	30-Apr
PX07	84	122	22.03	31.3	12.0	0.0	0.00	142.9	8.8	0.0	0.0	350	01-May
PX07	84	123	28.45	32.0	12.4	0.0	0.00	141.5	8.6	0.0	0.0	650	02-May
PX07	84	124	29.76	34.1	15.8	0.0	0.00	175.0	10.4	0.0	0.0	650	03-May
PX07	84	125	30.46	34.7	17.1	0.0	0.00	170.8	12.3	0.0	0.0	650	04-May
PX07	84	126	29.90	34.1	17.5	0.0	0.00	152.7	15.1	0.0	0.0	650	05-May
PX07	84	127	30.20	34.1	16.6	0.0	0.00	107.9	13.3	0.0	0.0	650	06-May
PX07	84	128	30.00	35.0	17.5	0.0	0.00	64.5	13.0	0.0	0.0	650	07-May
PX07	84	129	31.00	36.0	16.2	0.0	0.00	144.4	12.7	0.0	0.0	650	08-May
PX07	84	130	30.25	36.9	17.9	0.0	0.00	144.3	12.7	0.0	0.0	650	09-May
PX07	84	131	30.25	37.2	17.5	0.0	0.00	180.5	11.9	0.0	0.0	650	10-May
PX07	84	132	30.50	36.6	17.9	0.0	0.00	114.7	12.3	0.0	0.0	650	11-May
PX07	84	133	17.50	35.7	19.2	0.0	0.00	136.6	12.2	0.0	0.0	650	12-May
PX07	84	134	29.50	36.9	19.2	0.0	0.00	166.8	11.2	0.0	0.0	650	13-May
PX07	84	135	27.60	36.6	20.9	0.0	0.00	233.8	10.3	0.0	0.0	650	14-May
PX07	84	136	24.00	35.0	17.9	0.0	0.00	185.0	12.0	0.0	0.0	650	15-May
PX07	84	137	30.70	34.7	16.2	0.0	0.00	187.2	13.1	0.0	0.0	650	16-May
PX07	84	138	30.25	35.0	18.3	0.0	0.00	134.9	13.0	0.0	0.0	650	17-May
PX07	84	139	30.40	35.7	18.3	0.0	0.00	122.5	12.6	0.0	0.0	650	18-May
PX07	84	140	31.00	36.3	18.3	0.0	0.00	110.5	14.4	0.0	0.0	650	19-May
PX07	84	141	30.70	36.6	18.7	0.0	0.00	147.3	14.9	0.0	0.0	650	20-May
PX07	84	142	30.60	36.9	19.2	0.0	0.00	144.7	8.1	0.0	0.0	650	21-May

INSTW	IYR	SOLRAD		XTMIN		XRAIN	XPAR		DEWPT		STMIN		A00
		JUL		XTMAX			WIND		STMAX	CO2			
PX07	84	143	31.20	37.2	19.2	0.0	0.00	123.0	5.9	0.0	0.0	650	22-May
PX07	84	144	31.00	38.4	18.3	0.0	0.00	133.1	2.1	0.0	0.0	650	23-May
PX07	84	145	31.40	38.1	19.2	0.0	0.00	146.1	-2.2	0.0	0.0	650	24-May
PX07	84	146	31.60	38.1	19.2	0.0	0.00	140.2	5.3	0.0	0.0	650	25-May
PX07	84	147	31.20	38.4	18.7	0.0	0.00	149.4	5.8	0.0	0.0	650	26-May
PX07	84	148	31.60	38.8	19.6	0.0	0.00	149.0	4.8	0.0	0.0	650	27-May
PX07	84	149	31.80	40.0	19.6	0.0	0.00	152.7	4.3	0.0	0.0	650	28-May
PX07	84	150	27.40	39.1	22.5	0.0	0.00	224.6	10.4	0.0	0.0	650	29-May
PX07	84	151	22.30	37.7	24.2	0.0	0.00	181.4	11.8	0.0	0.0	650	30-May
PX07	84	152	29.20	35.7	19.8	0.0	0.00	112.3	14.6	0.0	0.0	650	31-May
PX07	84	153	30.70	36.0	21.6	0.0	0.00	164.2	8.8	0.0	0.0	650	01-Jun
PX07	84	154	30.60	36.9	19.6	0.0	0.00	181.4	6.7	0.0	0.0	650	02-Jun
PX07	84	155	31.40	36.9	21.9	0.0	0.00	190.1	1.3	0.0	0.0	650	03-Jun
PX07	84	156	26.70	35.1	18.1	0.0	0.00	181.4	7.4	0.0	0.0	650	04-Jun
PX07	84	157	25.30	32.0	17.8	0.0	0.00	138.2	7.5	0.0	0.0	650	05-Jun
PX07	84	158	29.40	34.0	17.6	0.0	0.00	181.4	6.2	0.0	0.0	650	06-Jun
PX07	84	159	31.40	33.1	19.2	0.0	0.00	155.5	5.4	0.0	0.0	650	07-Jun
PX07	84	160	30.80	34.7	17.1	0.0	0.00	129.6	3.9	0.0	0.0	650	08-Jun
PX07	84	161	30.90	36.7	15.9	0.0	0.00	65.0	1.9	0.0	0.0	650	09-Jun
PX07	84	162	30.80	39.3	19.3	0.0	0.00	198.7	1.9	0.0	0.0	650	10-Jun
PX07	84	163	30.90	37.4	17.6	0.0	0.00	190.1	2.1	0.0	0.0	650	11-Jun
PX07	84	164	31.60	39.0	16.2	0.0	0.00	190.1	3.4	0.0	0.0	650	12-Jun
PX07	84	165	31.80	39.1	17.2	0.0	0.00	155.5	3.6	0.0	0.0	650	13-Jun
PX07	84	166	31.30	39.2	19.1	0.0	0.00	164.2	2.9	0.0	0.0	650	14-Jun
PX07	84	167	32.00	39.1	17.8	0.0	0.00	112.3	5.1	0.0	0.0	650	15-Jun
PX07	84	168	31.70	37.6	18.8	0.0	0.00	112.3	-0.7	0.0	0.0	650	16-Jun
PX07	84	169	31.80	38.7	16.2	0.0	0.00	65.0	-1.7	0.0	0.0	650	17-Jun
PX07	84	170	30.90	39.9	17.5	0.0	0.00	112.3	2.1	0.0	0.0	650	18-Jun
PX07	84	171	30.60	40.3	21.3	0.0	0.00	112.3	5.0	0.0	0.0	650	19-Jun
PX07	84	172	31.90	37.5	19.2	0.0	0.00	138.2	4.1	0.0	0.0	650	20-Jun
PX07	84	173	31.70	38.2	17.6	0.0	0.00	164.2	5.0	0.0	0.0	650	21-Jun
PX07	84	174	31.00	34.4	18.0	0.0	0.00	112.3	9.4	0.0	0.0	650	22-Jun
PX07	84	175	29.60	36.0	18.2	0.0	0.00	103.7	9.3	0.0	0.0	650	23-Jun
PX07	84	176	23.20	36.4	20.7	0.0	0.00	103.7	13.0	0.0	0.0	650	24-Jun
PX07	84	177	24.00	33.6	20.6	4.0	0.00	146.9	18.5	0.0	0.0	650	25-Jun
PX07	84	178	29.70	36.1	23.8	0.0	0.00	103.7	18.8	0.0	0.0	650	26-Jun
PX07	84	179	23.70	37.3	25.2	0.0	0.00	65.0	17.3	0.0	0.0	650	27-Jun
PX07	84	180	29.80	38.2	22.4	0.0	0.00	164.2	18.1	0.0	0.0	650	28-Jun
PX07	84	181	29.40	36.1	22.6	3.0	0.00	164.2	18.4	0.0	0.0	650	29-Jun
PX07	84	182	18.30	33.3	23.8	1.0	0.00	103.7	17.9	0.0	0.0	650	30-Jun
PX07	84	183	25.30	36.3	19.4	0.0	0.00	129.6	17.3	0.0	0.0	650	01-Jul
PX07	84	184	22.80	35.6	22.0	0.0	0.00	129.6	17.3	0.0	0.0	650	02-Jul
PX07	84	185	20.30	37.4	24.8	0.0	0.00	129.6	15.2	0.0	0.0	650	03-Jul
PX07	84	186	30.80	39.1	26.1	0.0	0.00	138.2	15.0	0.0	0.0	650	04-Jul
PX07	84	187	29.90	38.9	26.4	0.0	0.00	103.7	14.6	0.0	0.0	650	05-Jul
PX07	84	188	28.40	38.8	26.1	0.0	0.00	138.2	15.2	0.0	0.0	650	06-Jul
PX07	84	189	29.70	37.1	23.8	0.0	0.00	146.9	15.7	0.0	0.0	650	07-Jul
PX07	84	190	28.50	34.9	25.7	0.0	0.00	198.7	16.7	0.0	0.0	650	08-Jul
PX07	84	191	29.90	37.3	24.6	0.0	0.00	138.2	16.4	0.0	0.0	650	09-Jul
PX07	84	192	29.30	39.2	25.6	0.0	0.00	155.5	14.9	0.0	0.0	650	10-Jul
PX07	84	193	24.80	32.4	25.3	0.0	0.00	129.6	16.1	0.0	0.0	650	11-Jul
PX07	84	194	23.80	33.2	21.9	0.0	0.00	129.6	17.8	0.0	0.0	650	12-Jul



	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX07	84	195	22.50	32.5	21.5	5.0	0.00	129.6	19.1	0.0	0.0	650	13-Jul
PX07	84	196	28.50	35.1	22.4	0.0	0.00	146.9	19.6	0.0	0.0	650	14-Jul
PX07	84	197	29.60	32.5	23.7	0.0	0.00	181.4	19.2	0.0	0.0	650	15-Jul
PX07	84	198	28.80	33.8	23.7	0.0	0.00	190.1	18.4	0.0	0.0	650	16-Jul
PX07	84	199	24.60	32.9	22.5	1.0	0.00	146.9	18.7	0.0	0.0	650	17-Jul
PX07	84	200	21.50	31.0	21.1	9.0	0.00	129.6	19.9	0.0	0.0	650	18-Jul
PX07	84	201	18.90	32.3	21.8	0.0	0.00	121.0	18.4	0.0	0.0	650	19-Jul
PX07	84	202	23.10	31.8	20.2	3.0	0.00	138.2	18.8	0.0	0.0	650	20-Jul
PX07	84	203	16.50	27.8	18.5	34.0	0.00	65.0	19.6	0.0	0.0	650	21-Jul
PX07	84	204	16.60	28.1	21.6	0.0	0.00	103.7	20.1	0.0	0.0	650	22-Jul
PX07	84	205	29.60	31.2	20.4	0.0	0.00	86.4	19.8	0.0	0.0	650	23-Jul
PX07	84	206	25.50	33.4	23.1	0.0	0.00	69.1	18.5	0.0	0.0	650	24-Jul
PX07	84	207	23.60	35.3	24.3	0.0	0.00	95.0	16.2	0.0	0.0	650	25-Jul
PX07	84	208	26.90	33.9	21.8	0.0	0.00	112.3	15.1	0.0	0.0	650	26-Jul
PX07	84	209	18.00	31.2	18.3	0.0	0.00	112.3	17.7	0.0	0.0	650	27-Jul
PX07	84	210	26.50	34.4	19.1	100.0	0.00	65.0	17.3	0.0	0.0	650	28-Jul
PX07	84	211	25.80	29.9	20.9	0.0	0.00	77.8	19.9	0.0	0.0	650	29-Jul
PX07	84	212	26.90	30.8	21.9	0.0	0.00	69.1	18.8	0.0	0.0	650	30-Jul
PX07	84	213	23.70	32.1	23.1	0.0	0.00	86.4	19.3	0.0	0.0	650	31-Jul
PX07	84	214	26.90	32.7	22.1	0.0	0.00	95.0	16.3	0.0	0.0	650	01-Aug
PX07	84	215	24.50	32.3	21.2	0.0	0.00	60.5	15.7	0.0	0.0	650	02-Aug
PX07	84	216	27.60	38.9	20.0	0.0	0.00	77.8	15.9	0.0	0.0	650	03-Aug
PX07	84	217	27.60	40.5	22.5	0.0	0.00	121.0	16.7	0.0	0.0	650	04-Aug
PX07	84	218	26.80	35.1	22.6	0.0	0.00	103.7	16.4	0.0	0.0	650	05-Aug
PX07	84	219	27.70	37.7	23.2	0.0	0.00	112.3	15.0	0.0	0.0	650	06-Aug
PX07	84	220	26.60	37.5	20.1	0.0	0.00	112.3	15.5	0.0	0.0	650	07-Aug
PX07	84	221	27.10	32.8	20.6	0.0	0.00	129.6	18.4	0.0	0.0	650	08-Aug
PX07	84	222	21.50	30.5	20.9	5.0	0.00	138.2	19.4	0.0	0.0	650	09-Aug
PX07	84	223	24.70	30.3	21.1	0.0	0.00	95.0	19.8	0.0	0.0	650	10-Aug
PX07	84	224	12.40	30.5	22.6	0.0	0.00	121.0	20.1	0.0	0.0	650	11-Aug
PX07	84	225	26.30	33.1	21.7	0.0	0.00	86.4	19.3	0.0	0.0	650	12-Aug
PX07	84	226	26.60	31.4	23.6	0.0	0.00	138.2	20.3	0.0	0.0	650	13-Aug
PX07	84	227	20.30	30.8	19.7	2.0	0.00	112.3	19.7	0.0	0.0	650	14-Aug
PX07	84	228	23.80	32.1	22.4	0.0	0.00	86.4	20.2	0.0	0.0	650	15-Aug
PX07	84	229	23.60	33.5	23.1	0.0	0.00	112.3	19.3	0.0	0.0	650	16-Aug
PX07	84	230	22.00	33.2	21.8	0.0	0.00	112.3	19.1	0.0	0.0	650	17-Aug
PX07	84	231	21.30	21.6	20.1	0.0	0.00	95.0	17.8	0.0	0.0	650	18-Aug
PX07	84	232	21.50	30.7	21.6	0.0	0.00	112.3	18.7	0.0	0.0	650	19-Aug
PX07	84	233	22.30	32.0	20.4	0.0	0.00	95.0	18.0	0.0	0.0	650	20-Aug
PX07	84	234	25.50	34.0	21.0	0.0	0.00	86.4	16.0	0.0	0.0	650	21-Aug
PX07	84	235	19.50	35.0	21.5	0.0	0.00	121.0	15.0	0.0	0.0	650	22-Aug
PX07	84	236	14.30	30.8	22.6	2.0	0.00	86.4	16.0	0.0	0.0	650	23-Aug
PX07	84	237	24.70	35.5	19.7	0.0	0.00	112.3	15.6	0.0	0.0	650	24-Aug
PX07	84	238	23.10	35.1	20.1	0.0	0.00	86.4	15.9	0.0	0.0	650	25-Aug
PX07	84	239	25.30	36.6	22.5	0.0	0.00	69.1	15.5	0.0	0.0	650	26-Aug
PX07	84	240	22.30	37.1	20.7	0.0	0.00	51.8	15.1	0.0	0.0	650	27-Aug
PX07	84	241	24.80	37.0	24.0	0.0	0.00	0.0	16.4	0.0	0.0	650	28-Aug
PX07	84	242	25.30	39.8	22.4	0.0	0.00	0.0	14.5	0.0	0.0	650	29-Aug
PX07	84	243	25.00	35.8	22.0	0.0	0.00	17.3	15.3	0.0	0.0	650	30-Aug
PX07	84	244	21.30	33.6	22.5	0.0	0.00	51.8	16.7	0.0	0.0	650	31-Aug
PX07	84	245	24.10	33.0	19.3	20.0	0.00	60.5	18.9	0.0	0.0	650	01-Sep
PX07	84	246	24.10	33.6	18.2	0.0	0.00	17.3	20.8	0.0	0.0	650	02-Sep

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX07	84	247	24.50	34.7	21.6	0.0	0.00	77.8	19.6	0.0	0.0	650	03-Sep
PX07	84	248	24.80	35.5	21.8	0.0	0.00	138.2	14.0	0.0	0.0	650	04-Sep
PX07	84	249	26.10	34.6	17.1	0.0	0.00	138.2	6.7	0.0	0.0	650	05-Sep
PX07	84	250	25.40	33.0	16.1	0.0	0.00	95.0	8.8	0.0	0.0	650	06-Sep
PX07	84	251	24.10	33.5	16.3	0.0	0.00	86.4	11.3	0.0	0.0	650	07-Sep
PX07	84	252	23.90	33.6	20.5	0.0	0.00	86.4	16.9	0.0	0.0	650	08-Sep
PX07	84	253	22.00	33.4	20.2	0.0	0.00	112.3	17.8	0.0	0.0	650	09-Sep
PX07	84	254	21.50	32.6	20.1	46.0	0.00	86.4	21.5	0.0	0.0	650	10-Sep
PX07	84	255	15.10	29.2	18.6	0.0	0.00	86.4	23.8	0.0	0.0	650	11-Sep
PX07	84	256	22.30	38.4	20.7	0.0	0.00	77.8	21.2	0.0	0.0	650	12-Sep
PX07	84	257	22.10	32.4	19.3	0.0	0.00	77.8	17.9	0.0	0.0	650	13-Sep
PX07	84	258	21.80	33.3	20.2	0.0	0.00	69.1	17.6	0.0	0.0	650	14-Sep
PX07	84	259	23.10	35.4	22.0	1.0	0.00	155.5	12.8	0.0	0.0	650	15-Sep
PX07	84	260	23.10	34.4	20.1	0.0	0.00	95.0	13.3	0.0	0.0	650	16-Sep
PX07	84	261	19.30	35.1	20.9	0.0	0.00	77.8	13.1	0.0	0.0	650	17-Sep
PX07	84	262	22.20	36.6	20.2	0.0	0.00	121.0	11.5	0.0	0.0	650	18-Sep
PX07	84	263	21.70	36.0	19.3	0.0	0.00	95.0	12.1	0.0	0.0	650	19-Sep
PX07	84	264	21.50	36.2	19.9	0.0	0.00	112.3	11.0	0.0	0.0	650	20-Sep
PX07	84	265	18.80	34.9	20.1	2.0	0.00	121.0	13.3	0.0	0.0	650	21-Sep
PX07	84	266	20.90	33.8	18.6	0.0	0.00	138.2	13.7	0.0	0.0	650	22-Sep
PX07	84	267	19.60	33.8	20.1	0.0	0.00	121.0	13.1	0.0	0.0	650	23-Sep
PX07	84	268	3.70	33.2	18.9	0.0	0.00	86.4	12.4	0.0	0.0	650	24-Sep
PX07	84	269	3.90	24.5	18.3	8.0	0.00	69.1	17.7	0.0	0.0	650	25-Sep
PX07	84	270	20.10	20.0	16.4	20.0	0.00	17.3	16.7	0.0	0.0	650	26-Sep
PX07	84	271	20.60	28.8	14.7	0.0	0.00	17.3	16.8	0.0	0.0	650	27-Sep
PX07	84	272	20.00	30.9	16.6	0.0	0.00	25.9	14.8	0.0	0.0	650	28-Sep
PX07	84	273	14.20	31.9	15.8	0.0	0.00	51.8	14.6	0.0	0.0	650	29-Sep
PX07	84	274	17.60	29.4	16.3	0.0	0.00	146.9	13.1	0.0	0.0	650	30-Sep
PX07	84	275	18.60	30.7	17.7	0.0	0.00	86.4	11.4	0.0	0.0	650	01-Oct
PX07	84	276	18.60	29.7	15.4	0.0	0.00	86.4	11.4	0.0	0.0	650	02-Oct
PX07	84	277	18.70	29.7	15.4	5.0	0.00	77.8	11.4	0.0	0.0	650	03-Oct
PX07	84	278	18.90	26.5	11.3	0.0	0.00	69.1	12.2	0.0	0.0	650	04-Oct
PX07	84	279	19.00	32.9	16.4	0.0	0.00	69.1	11.0	0.0	0.0	650	05-Oct
PX07	84	280	19.00	30.2	12.2	0.0	0.00	60.5	9.8	0.0	0.0	650	06-Oct
PX07	84	281	19.10	21.9	13.1	0.0	0.00	51.8	9.2	0.0	0.0	650	07-Oct
PX07	84	282	18.70	33.2	13.2	0.0	0.00	51.8	8.0	0.0	0.0	650	08-Oct
PX07	84	283	18.20	33.1	14.0	0.0	0.00	60.5	8.4	0.0	0.0	650	09-Oct
PX07	84	284	17.70	32.3	13.9	0.0	0.00	86.4	9.0	0.0	0.0	650	10-Oct
PX07	84	285	14.30	31.2	15.8	0.0	0.00	60.5	13.4	0.0	0.0	650	11-Oct
PX07	84	286	17.60	30.4	16.3	0.0	0.00	60.5	13.0	0.0	0.0	650	12-Oct
PX07	84	287	16.60	30.6	13.1	0.0	0.00	112.3	9.0	0.0	0.0	650	13-Oct
PX07	84	288	17.80	30.2	12.7	0.0	0.00	69.1	7.3	0.0	0.0	650	14-Oct
PX07	84	289	14.80	27.0	12.5	0.0	0.00	164.2	4.6	0.0	0.0	650	15-Oct
PX07	84	290	17.20	23.8	7.7	0.0	0.00	103.7	0.6	0.0	0.0	650	16-Oct

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC      ↓      CO2YR WINDYR  
 PX09 33.40 112.00 2.30 0 1 1 0 1 650 0.0

INSTW	IYR		SOLRAD	XTMIN		XPAR		DEWPT		STMIN		AOO	
	JUL			XTMAX	XRAIN	WIND	STMAX	CO2					
PX09	84	97	8.03	23.9	12.2	0.0	0.00	122.0	6.5	0.0	0.0	350	06-Apr
PX09	84	98	20.22	24.4	10.6	0.0	0.00	162.5	6.5	0.0	0.0	350	07-Apr
PX09	84	99	26.03	27.2	11.1	0.0	0.00	184.8	7.8	0.0	0.0	350	08-Apr
PX09	84	100	25.94	27.2	15.0	0.0	0.00	138.7	12.8	0.0	0.0	350	09-Apr
PX09	84	101	21.02	27.8	12.2	0.0	0.00	147.1	12.4	0.0	0.0	350	10-Apr
PX09	84	102	25.03	30.0	15.0	0.0	0.00	140.1	6.7	0.0	0.0	350	11-Apr
PX09	84	103	26.47	32.2	17.2	0.0	0.00	119.2	8.5	0.0	0.0	350	12-Apr
PX09	84	104	26.88	35.1	16.7	0.0	0.00	131.8	4.5	0.0	0.0	350	13-Apr
PX09	84	105	27.78	36.7	18.3	0.0	0.00	133.2	6.1	0.0	0.0	350	14-Apr
PX09	84	106	27.71	37.2	18.9	0.0	0.00	142.9	8.6	0.0	0.0	350	15-Apr
PX09	84	107	27.41	38.3	21.1	0.0	0.00	190.4	12.2	0.0	0.0	350	16-Apr
PX09	84	108	20.87	34.4	21.1	0.0	0.00	162.5	12.4	0.0	0.0	350	17-Apr
PX09	84	109	26.49	32.2	18.9	0.0	0.00	232.2	11.9	0.0	0.0	350	18-Apr
PX09	84	110	26.04	27.8	17.2	0.0	0.00	175.0	17.2	0.0	0.0	350	19-Apr
PX09	84	111	28.36	23.9	12.8	0.0	0.00	106.7	16.3	0.0	0.0	350	20-Apr
PX09	84	112	28.41	32.6	12.8	0.0	0.00	122.0	15.8	0.0	0.0	350	21-Apr
PX09	84	113	28.17	31.1	15.1	0.0	0.00	115.0	13.5	0.0	0.0	350	22-Apr
PX09	84	114	30.04	33.8	15.4	0.0	0.00	163.9	13.5	0.0	0.0	350	23-Apr
PX09	84	115	30.34	34.0	14.5	0.0	0.00	244.8	11.3	0.0	0.0	350	24-Apr
PX09	84	116	18.07	29.9	14.0	0.0	0.00	239.2	10.5	0.0	0.0	350	25-Apr
PX09	84	117	13.86	27.5	11.0	0.0	0.00	162.5	10.7	0.0	0.0	350	26-Apr
PX09	84	118	9.55	27.5	9.1	0.0	0.00	140.1	10.7	0.0	0.0	350	27-Apr
PX09	84	119	1.43	25.6	11.5	0.0	0.00	142.9	11.1	0.0	0.0	350	28-Apr
PX09	84	120	26.91	28.9	5.6	0.0	0.00	122.0	11.5	0.0	0.0	350	29-Apr
PX09	84	121	19.17	30.5	9.5	0.0	0.00	155.5	10.1	0.0	0.0	350	30-Apr
PX09	84	122	22.03	31.6	11.5	0.0	0.00	142.9	8.8	0.0	0.0	350	01-May
PX09	84	123	28.45	32.1	12.0	0.0	0.00	141.5	8.6	0.0	0.0	650	02-May
PX09	84	124	29.76	34.0	15.9	0.0	0.00	175.0	10.4	0.0	0.0	650	03-May
PX09	84	125	30.46	34.6	17.4	0.0	0.00	170.8	12.3	0.0	0.0	650	04-May
PX09	84	126	29.90	34.0	17.9	0.0	0.00	152.7	15.1	0.0	0.0	650	05-May
PX09	84	127	30.20	34.0	16.9	0.0	0.00	107.9	13.3	0.0	0.0	650	06-May
PX09	84	128	30.00	34.8	17.9	0.0	0.00	64.5	13.0	0.0	0.0	650	07-May
PX09	84	129	31.00	35.7	16.4	0.0	0.00	144.4	12.7	0.0	0.0	650	08-May
PX09	84	130	30.25	36.5	18.4	0.0	0.00	144.3	12.7	0.0	0.0	650	09-May
PX09	84	131	30.25	36.8	17.9	0.0	0.00	180.5	11.9	0.0	0.0	650	10-May
PX09	84	132	30.50	36.2	18.4	0.0	0.00	114.7	12.3	0.0	0.0	650	11-May
PX09	84	133	17.50	35.4	19.8	0.0	0.00	136.6	12.2	0.0	0.0	650	12-May
PX09	84	134	29.50	36.5	19.8	0.0	0.00	166.8	11.2	0.0	0.0	650	13-May
PX09	84	135	27.60	36.2	21.8	0.0	0.00	233.8	10.3	0.0	0.0	650	14-May
PX09	84	136	24.00	34.8	18.4	0.0	0.00	185.0	12.0	0.0	0.0	650	15-May
PX09	84	137	30.70	34.6	16.4	0.0	0.00	187.2	13.1	0.0	0.0	650	16-May
PX09	84	138	30.25	34.8	18.8	0.0	0.00	134.9	13.0	0.0	0.0	650	17-May
PX09	84	139	30.40	35.4	18.8	0.0	0.00	122.5	12.6	0.0	0.0	650	18-May
PX09	84	140	31.00	35.9	18.8	0.0	0.00	110.5	14.4	0.0	0.0	650	19-May
PX09	84	141	30.70	36.2	19.3	0.0	0.00	147.3	14.9	0.0	0.0	650	20-May
PX09	84	142	30.60	36.5	19.8	0.0	0.00	144.7	8.1	0.0	0.0	650	21-May

		IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX09	84	143	31.20	36.8	19.8	0.0	0.00	123.0	5.9	0.0	0.0	650	22-May
PX09	84	144	31.00	37.8	18.8	0.0	0.00	133.1	2.1	0.0	0.0	650	23-May
PX09	84	145	31.40	37.6	19.8	0.0	0.00	146.1	-2.2	0.0	0.0	650	24-May
PX09	84	146	31.60	37.6	19.8	0.0	0.00	140.2	5.3	0.0	0.0	650	25-May
PX09	84	147	31.20	37.8	19.3	0.0	0.00	149.4	5.8	0.0	0.0	650	26-May
PX09	84	148	31.60	38.1	20.3	0.0	0.00	149.0	4.8	0.0	0.0	650	27-May
PX09	84	149	31.80	39.2	20.3	0.0	0.00	152.7	4.3	0.0	0.0	650	28-May
PX09	84	150	27.40	38.4	23.7	0.0	0.00	224.6	8.8	0.0	0.0	650	29-May
PX09	84	151	22.30	37.4	24.4	0.0	0.00	181.4	8.9	0.0	0.0	650	30-May
PX09	84	152	29.20	35.8	19.9	0.0	0.00	112.3	9.3	0.0	0.0	650	31-May
PX09	84	153	30.70	36.2	21.9	0.0	0.00	164.2	7.7	0.0	0.0	650	01-Jun
PX09	84	154	30.60	36.5	20.3	0.0	0.00	181.4	6.5	0.0	0.0	650	02-Jun
PX09	84	155	31.40	36.4	21.9	0.0	0.00	190.1	8.8	0.0	0.0	650	03-Jun
PX09	84	156	26.70	34.7	18.6	0.0	0.00	181.4	12.9	0.0	0.0	650	04-Jun
PX09	84	157	25.30	32.5	18.2	0.0	0.00	138.2	6.7	0.0	0.0	650	05-Jun
PX09	84	158	29.40	33.5	18.1	0.0	0.00	181.4	5.9	0.0	0.0	650	06-Jun
PX09	84	159	31.40	32.8	19.4	0.0	0.00	155.5	5.1	0.0	0.0	650	07-Jun
PX09	84	160	30.80	34.6	17.5	0.0	0.00	129.6	7.4	0.0	0.0	650	08-Jun
PX09	84	161	30.90	36.6	16.7	0.0	0.00	65.0	8.6	0.0	0.0	650	09-Jun
PX09	84	162	30.80	39.0	19.7	0.0	0.00	198.7	9.3	0.0	0.0	650	10-Jun
PX09	84	163	30.90	37.3	17.9	0.0	0.00	190.1	8.5	0.0	0.0	650	11-Jun
PX09	84	164	31.60	38.3	16.8	0.0	0.00	190.1	8.6	0.0	0.0	650	12-Jun
PX09	84	165	31.80	38.5	17.8	0.0	0.00	155.5	12.1	0.0	0.0	650	13-Jun
PX09	84	166	31.30	38.9	19.5	0.0	0.00	164.2	14.1	0.0	0.0	650	14-Jun
PX09	84	167	32.00	38.6	18.9	0.0	0.00	112.3	14.8	0.0	0.0	650	15-Jun
PX09	84	168	31.70	37.0	18.6	0.0	0.00	112.3	13.6	0.0	0.0	650	16-Jun
PX09	84	169	31.80	38.5	17.2	0.0	0.00	65.0	6.2	0.0	0.0	650	17-Jun
PX09	84	170	30.90	39.1	18.6	0.0	0.00	112.3	9.5	0.0	0.0	650	18-Jun
PX09	84	171	30.60	40.2	21.8	0.0	0.00	112.3	8.6	0.0	0.0	650	19-Jun
PX09	84	172	31.90	37.0	19.8	0.0	0.00	138.2	5.0	0.0	0.0	650	20-Jun
PX09	84	173	31.70	37.4	18.0	0.0	0.00	164.2	5.4	0.0	0.0	650	21-Jun
PX09	84	174	31.00	34.0	18.7	0.0	0.00	112.3	7.4	0.0	0.0	650	22-Jun
PX09	84	175	29.60	35.1	19.2	0.0	0.00	103.7	6.7	0.0	0.0	650	23-Jun
PX09	84	176	23.20	35.8	21.8	0.0	0.00	103.7	11.0	0.0	0.0	650	24-Jun
PX09	84	177	24.00	32.9	21.8	4.0	0.00	146.9	18.1	0.0	0.0	650	25-Jun
PX09	84	178	29.70	35.3	24.5	0.0	0.00	103.7	17.6	0.0	0.0	650	26-Jun
PX09	84	179	23.70	36.8	25.9	0.0	0.00	65.0	17.4	0.0	0.0	650	27-Jun
PX09	84	180	29.80	37.1	23.1	0.0	0.00	164.2	16.7	0.0	0.0	650	28-Jun
PX09	84	181	29.40	35.3	23.2	3.0	0.00	164.2	17.7	0.0	0.0	650	29-Jun
PX09	84	182	18.30	33.3	23.9	1.0	0.00	103.7	16.9	0.0	0.0	650	30-Jun
PX09	84	183	25.30	35.4	20.8	0.0	0.00	129.6	25.0	0.0	0.0	650	01-Jul
PX09	84	184	22.80	34.9	22.1	0.0	0.00	129.6	18.7	0.0	0.0	650	02-Jul
PX09	84	185	20.30	36.7	25.0	0.0	0.00	129.6	15.3	0.0	0.0	650	03-Jul
PX09	84	186	30.80	38.9	26.4	0.0	0.00	138.2	17.5	0.0	0.0	650	04-Jul
PX09	84	187	29.90	38.9	26.9	0.0	0.00	103.7	19.5	0.0	0.0	650	05-Jul
PX09	84	188	28.40	39.2	26.7	0.0	0.00	138.2	14.7	0.0	0.0	650	06-Jul
PX09	84	189	29.70	37.6	24.1	0.0	0.00	146.9	15.1	0.0	0.0	650	07-Jul
PX09	84	190	28.50	36.1	26.1	0.0	0.00	198.7	16.7	0.0	0.0	650	08-Jul
PX09	84	191	29.90	38.2	24.4	0.0	0.00	138.2	21.4	0.0	0.0	650	09-Jul
PX09	84	192	29.30	40.2	26.1	0.0	0.00	155.5	14.7	0.0	0.0	650	10-Jul
PX09	84	193	24.80	32.8	25.7	0.0	0.00	129.6	15.9	0.0	0.0	650	11-Jul
PX09	84	194	23.80	33.6	22.1	0.0	0.00	129.6	17.8	0.0	0.0	650	12-Jul

INSTW	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
		JUL		XTMAX		XRAIN		WIND		STMAX	CO2		
PX09	84	195	22.50	32.3	21.5	5.0	0.00	129.6	19.0	0.0	0.0	650	13-Jul
PX09	84	196	28.50	35.1	22.4	0.0	0.00	146.9	20.2	0.0	0.0	650	14-Jul
PX09	84	197	29.60	33.1	24.0	0.0	0.00	181.4	19.3	0.0	0.0	650	15-Jul
PX09	84	198	28.80	34.8	24.2	0.0	0.00	190.1	18.4	0.0	0.0	650	16-Jul
PX09	84	199	24.60	33.9	22.7	1.0	0.00	146.9	23.0	0.0	0.0	650	17-Jul
PX09	84	200	21.50	31.0	21.1	9.0	0.00	129.6	20.1	0.0	0.0	650	18-Jul
PX09	84	201	18.90	33.6	22.2	0.0	0.00	121.0	18.2	0.0	0.0	650	19-Jul
PX09	84	202	23.10	33.0	20.4	3.0	0.00	138.2	18.7	0.0	0.0	650	20-Jul
PX09	84	203	16.50	36.3	18.7	34.0	0.00	65.0	21.2	0.0	0.0	650	21-Jul
PX09	84	204	16.60	28.8	21.8	0.0	0.00	103.7	20.7	0.0	0.0	650	22-Jul
PX09	84	205	29.60	31.9	21.0	0.0	0.00	86.4	19.9	0.0	0.0	650	23-Jul
PX09	84	206	25.50	34.8	23.7	0.0	0.00	69.1	18.4	0.0	0.0	650	24-Jul
PX09	84	207	23.60	36.9	25.0	0.0	0.00	95.0	16.0	0.0	0.0	650	25-Jul
PX09	84	208	26.90	35.6	22.4	0.0	0.00	112.3	14.9	0.0	0.0	650	26-Jul
PX09	84	209	18.00	32.9	22.2	0.0	0.00	112.3	17.7	0.0	0.0	650	27-Jul
PX09	84	210	26.50	34.4	19.1	100.0	0.00	65.0	17.3	0.0	0.0	650	28-Jul
PX09	84	211	25.80	30.7	21.1	0.0	0.00	77.8	19.7	0.0	0.0	650	29-Jul
PX09	84	212	26.90	31.9	22.2	0.0	0.00	69.1	18.5	0.0	0.0	650	30-Jul
PX09	84	213	23.70	33.4	24.0	0.0	0.00	86.4	18.9	0.0	0.0	650	31-Jul
PX09	84	214	26.90	34.2	23.1	0.0	0.00	95.0	15.8	0.0	0.0	650	01-Aug
PX09	84	215	24.50	34.3	22.0	0.0	0.00	60.5	15.0	0.0	0.0	650	02-Aug
PX09	84	216	27.60	36.4	22.5	0.0	0.00	77.8	14.7	0.0	0.0	650	03-Aug
PX09	84	217	27.60	38.6	23.3	0.0	0.00	121.0	14.1	0.0	0.0	650	04-Aug
PX09	84	218	26.80	37.4	23.6	0.0	0.00	103.7	15.3	0.0	0.0	650	05-Aug
PX09	84	219	27.70	38.9	24.3	0.0	0.00	112.3	14.1	0.0	0.0	650	06-Aug
PX09	84	220	26.60	38.6	23.7	0.0	0.00	112.3	13.4	0.0	0.0	650	07-Aug
PX09	84	221	27.10	34.1	21.3	0.0	0.00	129.6	16.7	0.0	0.0	650	08-Aug
PX09	84	222	21.50	31.5	21.2	5.0	0.00	138.2	21.0	0.0	0.0	650	09-Aug
PX09	84	223	24.70	30.5	21.2	0.0	0.00	95.0	19.7	0.0	0.0	650	10-Aug
PX09	84	224	12.40	30.9	23.4	0.0	0.00	121.0	19.7	0.0	0.0	650	11-Aug
PX09	84	225	26.30	33.7	22.3	0.0	0.00	86.4	18.8	0.0	0.0	650	12-Aug
PX09	84	226	26.60	32.6	24.2	0.0	0.00	138.2	19.7	0.0	0.0	650	13-Aug
PX09	84	227	20.30	32.0	20.3	2.0	0.00	112.3	19.2	0.0	0.0	650	14-Aug
PX09	84	228	23.80	33.1	23.2	0.0	0.00	86.4	19.6	0.0	0.0	650	15-Aug
PX09	84	229	23.60	34.1	24.0	0.0	0.00	112.3	18.7	0.0	0.0	650	16-Aug
PX09	84	230	22.00	34.3	22.6	0.0	0.00	112.3	18.4	0.0	0.0	650	17-Aug
PX09	84	231	21.30	33.0	21.1	0.0	0.00	95.0	17.4	0.0	0.0	650	18-Aug
PX09	84	232	21.50	31.2	20.6	0.0	0.00	112.3	18.9	0.0	0.0	650	19-Aug
PX09	84	233	22.30	32.9	21.2	0.0	0.00	95.0	17.4	0.0	0.0	650	20-Aug
PX09	84	234	25.50	34.9	21.6	0.0	0.00	86.4	15.4	0.0	0.0	650	21-Aug
PX09	84	235	19.50	35.3	22.6	0.0	0.00	121.0	14.4	0.0	0.0	650	22-Aug
PX09	84	236	14.30	31.1	23.2	2.0	0.00	86.4	15.7	0.0	0.0	650	23-Aug
PX09	84	237	24.70	35.9	20.5	0.0	0.00	112.3	14.9	0.0	0.0	650	24-Aug
PX09	84	238	23.10	35.7	20.8	0.0	0.00	86.4	15.4	0.0	0.0	650	25-Aug
PX09	84	239	25.30	37.3	23.5	0.0	0.00	69.1	14.7	0.0	0.0	650	26-Aug
PX09	84	240	22.30	37.5	21.3	0.0	0.00	51.8	14.5	0.0	0.0	650	27-Aug
PX09	84	241	24.80	37.6	24.7	0.0	0.00	0.0	15.8	0.0	0.0	650	28-Aug
PX09	84	242	25.30	40.1	23.5	0.0	0.00	0.0	13.9	0.0	0.0	650	29-Aug
PX09	84	243	25.00	34.0	24.0	0.0	0.00	17.3	14.3	0.0	0.0	650	30-Aug
PX09	84	244	21.30	34.0	24.0	0.0	0.00	51.8	15.9	0.0	0.0	650	31-Aug
PX09	84	245	24.10	32.9	18.8	20.0	0.00	60.5	18.4	0.0	0.0	650	01-Sep
PX09	84	246	24.10	31.5	19.2	0.0	0.00	17.3	20.4	0.0	0.0	650	02-Sep

INSTW	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
	JUL		XTMAX		XRAIN		WIND		STMAX	CO2			
PX09	84	247	24.50	35.3	21.1	0.0	0.00	77.8	21.3	0.0	0.0	650	03-Sep
PX09	84	248	24.80	34.2	19.9	0.0	0.00	138.2	18.0	0.0	0.0	650	04-Sep
PX09	84	249	26.10	35.3	16.1	0.0	0.00	138.2	6.4	0.0	0.0	650	05-Sep
PX09	84	250	25.40	34.3	16.5	0.0	0.00	95.0	6.1	0.0	0.0	650	06-Sep
PX09	84	251	24.10	33.2	17.2	0.0	0.00	86.4	10.3	0.0	0.0	650	07-Sep
PX09	84	252	23.90	33.4	21.0	0.0	0.00	86.4	16.4	0.0	0.0	650	08-Sep
PX09	84	253	22.00	33.1	21.0	0.0	0.00	112.3	17.4	0.0	0.0	650	09-Sep
PX09	84	254	21.50	32.4	20.1	46.0	0.00	86.4	21.3	0.0	0.0	650	10-Sep
PX09	84	255	15.10	29.2	18.6	0.0	0.00	86.4	23.8	0.0	0.0	650	11-Sep
PX09	84	256	22.30	38.4	20.7	0.0	0.00	77.8	21.2	0.0	0.0	650	12-Sep
PX09	84	257	22.10	32.7	19.5	0.0	0.00	77.8	17.3	0.0	0.0	650	13-Sep
PX09	84	258	21.80	33.5	20.9	0.0	0.00	69.1	16.9	0.0	0.0	650	14-Sep
PX09	84	259	23.10	35.9	22.3	1.0	0.00	155.5	12.2	0.0	0.0	650	15-Sep
PX09	84	260	23.10	35.1	21.3	0.0	0.00	95.0	13.4	0.0	0.0	650	16-Sep
PX09	84	261	19.30	35.7	21.8	0.0	0.00	77.8	12.2	0.0	0.0	650	17-Sep
PX09	84	262	22.20	37.3	20.9	0.0	0.00	121.0	10.9	0.0	0.0	650	18-Sep
PX09	84	263	21.70	36.1	20.2	0.0	0.00	95.0	11.4	0.0	0.0	650	19-Sep
PX09	84	264	21.50	35.9	20.4	0.0	0.00	112.3	10.0	0.0	0.0	650	20-Sep
PX09	84	265	18.80	34.8	20.8	2.0	0.00	121.0	12.7	0.0	0.0	650	21-Sep
PX09	84	266	20.90	33.8	19.1	0.0	0.00	138.2	13.2	0.0	0.0	650	22-Sep
PX09	84	267	19.60	34.0	20.8	0.0	0.00	121.0	12.5	0.0	0.0	650	23-Sep
PX09	84	268	3.70	33.6	19.5	0.0	0.00	86.4	11.9	0.0	0.0	650	24-Sep
PX09	84	269	3.90	24.7	18.4	8.0	0.00	69.1	17.7	0.0	0.0	650	25-Sep
PX09	84	270	20.10	20.1	16.6	20.0	0.00	17.3	16.8	0.0	0.0	650	26-Sep
PX09	84	271	20.60	28.6	15.0	0.0	0.00	17.3	16.4	0.0	0.0	650	27-Sep
PX09	84	272	20.00	30.6	16.9	0.0	0.00	25.9	14.4	0.0	0.0	650	28-Sep
PX09	84	273	14.20	31.7	16.4	0.0	0.00	51.8	14.2	0.0	0.0	650	29-Sep
PX09	84	274	17.60	29.7	17.0	0.0	0.00	146.9	12.4	0.0	0.0	650	30-Sep
PX09	84	275	18.60	30.3	18.1	0.0	0.00	86.4	11.2	0.0	0.0	650	01-Oct
PX09	84	276	18.60	29.1	15.7	0.0	0.00	86.4	11.3	0.0	0.0	650	02-Oct
PX09	84	277	18.70	29.1	15.7	5.0	0.00	77.8	11.3	0.0	0.0	650	03-Oct
PX09	84	278	18.90	25.9	11.5	0.0	0.00	69.1	12.0	0.0	0.0	650	04-Oct
PX09	84	279	19.00	32.9	16.4	0.0	0.00	69.1	11.1	0.0	0.0	650	05-Oct
PX09	84	280	19.00	29.4	12.4	0.0	0.00	60.5	9.3	0.0	0.0	650	06-Oct
PX09	84	281	19.10	31.8	13.3	0.0	0.00	51.8	8.6	0.0	0.0	650	07-Oct
PX09	84	282	18.70	32.6	13.9	0.0	0.00	51.8	7.5	0.0	0.0	650	08-Oct
PX09	84	283	18.20	32.2	14.5	0.0	0.00	60.5	7.5	0.0	0.0	650	09-Oct
PX09	84	284	17.70	31.1	14.7	0.0	0.00	86.4	8.4	0.0	0.0	650	10-Oct
PX09	84	285	14.30	30.5	16.2	0.0	0.00	60.5	13.2	0.0	0.0	650	11-Oct
PX09	84	286	17.60	28.8	16.6	0.0	0.00	60.5	12.8	0.0	0.0	650	12-Oct
PX09	84	287	16.60	29.6	13.3	0.0	0.00	112.3	8.8	0.0	0.0	650	13-Oct
PX09	84	288	17.80	29.9	13.0	0.0	0.00	69.1	6.7	0.0	0.0	650	14-Oct
PX09	84	289	14.80	27.0	12.7	0.0	0.00	164.2	4.3	0.0	0.0	650	15-Oct
PX09	84	290	17.20	23.3	7.8	0.0	0.00	103.7	0.6	0.0	0.0	650	16-Oct

FILENAME: PX040407.W84

WEATHER DATA FOR CO2=650, IRRIGATION=WET, REP=#1

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC      ↓      CO2YR WINDYR  
 PX04 33.40 112.00 2.30 0 1 1 0 1 650 0.0

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
<u>INSTW</u>	<u>JUL</u>		<u>XTMAX</u>		<u>XRAIN</u>		<u>WIND</u>		<u>STMAX</u>		<u>CO2</u>		
PX04	84	97	8.03	23.9	12.2	0.0	0.00	122.0	6.5	0.0	0.0	350	06-Apr
PX04	84	98	20.22	24.4	10.6	0.0	0.00	162.5	6.5	0.0	0.0	350	07-Apr
PX04	84	99	26.03	27.2	11.1	0.0	0.00	184.8	7.8	0.0	0.0	350	08-Apr
PX04	84	100	25.94	27.2	15.0	0.0	0.00	138.7	12.8	0.0	0.0	350	09-Apr
PX04	84	101	21.02	27.8	12.2	0.0	0.00	147.1	12.4	0.0	0.0	350	10-Apr
PX04	84	102	25.03	30.0	15.0	0.0	0.00	140.1	6.7	0.0	0.0	350	11-Apr
PX04	84	103	26.47	32.2	17.2	0.0	0.00	119.2	8.5	0.0	0.0	350	12-Apr
PX04	84	104	26.88	35.1	16.7	0.0	0.00	131.8	4.5	0.0	0.0	350	13-Apr
PX04	84	105	27.78	36.7	18.3	0.0	0.00	133.2	6.1	0.0	0.0	350	14-Apr
PX04	84	106	27.71	37.2	18.9	0.0	0.00	142.9	8.6	0.0	0.0	350	15-Apr
PX04	84	107	27.41	38.3	21.1	0.0	0.00	190.4	12.2	0.0	0.0	350	16-Apr
PX04	84	108	20.87	34.4	21.1	0.0	0.00	162.5	12.4	0.0	0.0	350	17-Apr
PX04	84	109	26.49	32.2	18.9	0.0	0.00	232.2	11.9	0.0	0.0	350	18-Apr
PX04	84	110	26.04	27.8	17.2	0.0	0.00	175.0	17.2	0.0	0.0	350	19-Apr
PX04	84	111	28.36	23.9	12.8	0.0	0.00	106.7	16.3	0.0	0.0	350	20-Apr
PX04	84	112	28.41	32.6	12.8	0.0	0.00	122.0	15.8	0.0	0.0	350	21-Apr
PX04	84	113	28.17	31.1	15.1	0.0	0.00	115.0	13.5	0.0	0.0	350	22-Apr
PX04	84	114	30.04	34.1	13.8	0.0	0.00	163.9	13.5	0.0	0.0	350	23-Apr
PX04	84	115	30.34	34.4	12.6	0.0	0.00	244.8	11.3	0.0	0.0	350	24-Apr
PX04	84	116	18.07	29.9	12.0	0.0	0.00	239.2	10.5	0.0	0.0	350	25-Apr
PX04	84	117	13.86	27.3	8.5	0.0	0.00	162.5	10.7	0.0	0.0	350	26-Apr
PX04	84	118	9.55	27.3	6.2	0.0	0.00	140.1	10.7	0.0	0.0	350	27-Apr
PX04	84	119	1.43	25.2	9.1	0.0	0.00	142.9	11.1	0.0	0.0	350	28-Apr
PX04	84	120	26.91	28.7	2.1	0.0	0.00	122.0	11.5	0.0	0.0	350	29-Apr
PX04	84	121	19.17	30.5	6.8	0.0	0.00	155.5	10.1	0.0	0.0	350	30-Apr
PX04	84	122	22.03	31.7	9.1	0.0	0.00	142.9	8.8	0.0	0.0	350	01-May
PX04	84	123	28.45	32.3	9.7	0.0	0.00	141.5	8.6	0.0	0.0	650	02-May
PX04	84	124	29.76	34.4	14.4	0.0	0.00	175.0	10.4	0.0	0.0	650	03-May
PX04	84	125	30.46	35.0	16.1	0.0	0.00	170.8	12.3	0.0	0.0	650	04-May
PX04	84	126	29.90	34.4	16.7	0.0	0.00	152.7	15.1	0.0	0.0	650	05-May
PX04	84	127	30.20	34.4	15.5	0.0	0.00	107.9	13.3	0.0	0.0	650	06-May
PX04	84	128	30.00	35.3	16.7	0.0	0.00	64.5	13.0	0.0	0.0	650	07-May
PX04	84	129	31.00	36.2	14.9	0.0	0.00	144.4	12.7	0.0	0.0	650	08-May
PX04	84	130	30.25	37.1	17.3	0.0	0.00	144.3	12.7	0.0	0.0	650	09-May
PX04	84	131	30.25	37.4	16.7	0.0	0.00	180.5	11.9	0.0	0.0	650	10-May
PX04	84	132	30.50	36.8	17.3	0.0	0.00	114.7	12.3	0.0	0.0	650	11-May
PX04	84	133	17.50	35.9	19.0	0.0	0.00	136.6	12.2	0.0	0.0	650	12-May
PX04	84	134	29.50	37.1	19.0	0.0	0.00	166.8	11.2	0.0	0.0	650	13-May
PX04	84	135	27.60	36.8	21.3	0.0	0.00	233.8	10.3	0.0	0.0	650	14-May
PX04	84	136	24.00	34.4	16.7	0.0	0.00	185.0	12.0	0.0	0.0	650	15-May
PX04	84	137	30.70	34.4	15.5	0.0	0.00	187.2	13.1	0.0	0.0	650	16-May
PX04	84	138	30.25	35.3	17.9	0.0	0.00	134.9	13.0	0.0	0.0	650	17-May
PX04	84	139	30.40	35.9	17.9	0.0	0.00	122.5	12.6	0.0	0.0	650	18-May
PX04	84	140	31.00	36.5	17.9	0.0	0.00	110.5	14.4	0.0	0.0	650	19-May
PX04	84	141	36.80	36.8	18.4	0.0	0.00	147.3	14.9	0.0	0.0	650	20-May
PX04	84	142	30.60	37.1	19.0	0.0	0.00	144.7	8.1	0.0	0.0	650	21-May

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX04	84	143	31.20	37.4	19.0	0.0	0.00	123.0	5.9	0.0	0.0	650	22-May
PX04	84	144	31.00	38.6	17.9	0.0	0.00	133.1	2.1	0.0	0.0	650	23-May
PX04	84	145	31.40	38.3	19.0	0.0	0.00	146.1	-2.2	0.0	0.0	650	24-May
PX04	84	146	31.60	38.3	19.0	0.0	0.00	140.2	5.3	0.0	0.0	650	25-May
PX04	84	147	31.20	38.6	18.4	0.0	0.00	149.4	5.8	0.0	0.0	650	26-May
PX04	84	148	31.60	38.9	19.6	0.0	0.00	149.0	4.8	0.0	0.0	650	27-May
PX04	84	149	31.80	40.1	19.6	0.0	0.00	152.7	4.3	0.0	0.0	650	28-May
PX04	84	150	27.40	39.2	23.7	0.0	0.00	224.6	4.5	0.0	0.0	650	29-May
PX04	84	151	22.30	38.5	24.3	0.0	0.00	181.4	7.3	0.0	0.0	650	30-May
PX04	84	152	29.20	36.2	19.9	0.0	0.00	112.3	9.9	0.0	0.0	650	31-May
PX04	84	153	30.70	36.3	21.0	0.0	0.00	164.2	9.5	0.0	0.0	650	01-Jun
PX04	84	154	30.60	37.1	19.6	0.0	0.00	181.4	6.7	0.0	0.0	650	02-Jun
PX04	84	155	31.40	35.8	37.4	22.1	0.00	190.1	2.9	0.0	0.0	650	03-Jun
PX04	84	156	26.70	35.8	17.3	0.0	0.00	181.4	7.7	0.0	0.0	650	04-Jun
PX04	84	157	25.30	33.4	17.9	0.0	0.00	138.2	8.1	0.0	0.0	650	05-Jun
PX04	84	158	29.40	35.1	17.4	0.0	0.00	181.4	5.9	0.0	0.0	650	06-Jun
PX04	84	159	31.40	33.8	19.1	0.0	0.00	155.5	4.5	0.0	0.0	650	07-Jun
PX04	84	160	30.80	35.8	16.9	0.0	0.00	129.6	3.0	0.0	0.0	650	08-Jun
PX04	84	161	30.90	37.9	15.7	0.0	0.00	65.0	-0.5	0.0	0.0	650	09-Jun
PX04	84	162	30.80	40.4	19.5	0.0	0.00	198.7	-1.7	0.0	0.0	650	10-Jun
PX04	84	163	30.90	38.5	17.0	0.0	0.00	190.1	-2.2	0.0	0.0	650	11-Jun
PX04	84	164	31.60	39.5	15.7	0.0	0.00	190.1	-1.9	0.0	0.0	650	12-Jun
PX04	84	165	31.80	36.0	16.9	0.0	0.00	155.5	2.3	0.0	0.0	650	13-Jun
PX04	84	166	31.30	35.1	17.1	0.0	0.00	164.2	2.1	0.0	0.0	650	14-Jun
PX04	84	167	32.00	36.0	15.4	0.0	0.00	112.3	0.2	0.0	0.0	650	15-Jun
PX04	84	168	31.70	35.9	16.1	0.0	0.00	112.3	-4.4	0.0	0.0	650	16-Jun
PX04	84	169	31.80	37.5	15.0	0.0	0.00	65.0	-5.4	0.0	0.0	650	17-Jun
PX04	84	170	30.90	38.5	17.0	0.0	0.00	112.3	-2.7	0.0	0.0	650	18-Jun
PX04	84	171	30.60	39.5	20.7	0.0	0.00	112.3	0.2	0.0	0.0	650	19-Jun
PX04	84	172	31.90	37.7	19.0	0.0	0.00	138.2	-1.4	0.0	0.0	650	20-Jun
PX04	84	173	31.70	39.7	17.1	0.0	0.00	164.2	-2.2	0.0	0.0	650	21-Jun
PX04	84	174	31.00	39.7	19.9	0.0	0.00	112.3	2.7	0.0	0.0	650	22-Jun
PX04	84	175	29.60	40.1	20.1	0.0	0.00	103.7	2.5	0.0	0.0	650	23-Jun
PX04	84	176	23.20	40.2	22.2	0.0	0.00	103.7	9.0	0.0	0.0	650	24-Jun
PX04	84	177	24.00	35.7	21.8	4.0	0.00	146.9	17.4	0.0	0.0	650	25-Jun
PX04	84	178	29.70	39.0	24.6	0.0	0.00	103.7	16.7	0.0	0.0	650	26-Jun
PX04	84	179	23.70	35.6	26.4	0.0	0.00	65.0	16.4	0.0	0.0	650	27-Jun
PX04	84	180	29.80	35.1	22.3	0.0	0.00	164.2	17.6	0.0	0.0	650	28-Jun
PX04	84	181	29.40	33.6	22.5	3.0	0.00	164.2	18.0	0.0	0.0	650	29-Jun
PX04	84	182	18.30	32.4	23.0	1.0	0.00	103.7	17.4	0.0	0.0	650	30-Jun
PX04	84	183	25.30	35.3	21.0	0.0	0.00	129.6	15.9	0.0	0.0	650	01-Jul
PX04	84	184	22.80	35.1	22.0	0.0	0.00	129.6	16.7	0.0	0.0	650	02-Jul
PX04	84	185	20.30	36.9	24.7	0.0	0.00	129.6	15.0	0.0	0.0	650	03-Jul
PX04	84	186	30.80	38.7	25.9	0.0	0.00	138.2	14.6	0.0	0.0	650	04-Jul
PX04	84	187	29.90	38.5	26.3	0.0	0.00	103.7	14.1	0.0	0.0	650	05-Jul
PX04	84	188	28.40	38.4	26.1	0.0	0.00	138.2	14.7	0.0	0.0	650	06-Jul
PX04	84	189	29.70	36.8	23.8	0.0	0.00	146.9	15.0	0.0	0.0	650	07-Jul
PX04	84	190	28.50	34.9	26.0	0.0	0.00	198.7	16.2	0.0	0.0	650	08-Jul
PX04	84	191	29.90	37.2	24.0	0.0	0.00	138.2	16.1	0.0	0.0	650	09-Jul
PX04	84	192	29.30	39.2	25.8	0.0	0.00	155.5	14.8	0.0	0.0	650	10-Jul
PX04	84	193	24.80	32.5	25.5	0.0	0.00	129.6	18.9	0.0	0.0	650	11-Jul
PX04	84	194	23.80	34.0	21.8	0.0	0.00	129.6	18.4	0.0	0.0	650	12-Jul



	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX04	84	195	22.50	32.6	21.5	5.0	0.00	129.6	19.5	0.0	0.0	650	13-Jul
PX04	84	196	28.50	33.0	22.7	0.0	0.00	146.9	19.2	0.0	0.0	650	14-Jul
PX04	84	197	29.60	33.3	23.9	0.0	0.00	181.4	18.9	0.0	0.0	650	15-Jul
PX04	84	198	28.80	34.9	24.3	0.0	0.00	190.1	18.0	0.0	0.0	650	16-Jul
PX04	84	199	24.60	34.4	22.9	1.0	0.00	146.9	18.3	0.0	0.0	650	17-Jul
PX04	84	200	21.50	32.4	21.3	9.0	0.00	129.6	19.4	0.0	0.0	650	18-Jul
PX04	84	201	18.90	33.5	22.2	0.0	0.00	121.0	17.9	0.0	0.0	650	19-Jul
PX04	84	202	23.10	32.8	20.6	3.0	0.00	138.2	18.3	0.0	0.0	650	20-Jul
PX04	84	203	16.50	28.2	17.7	34.0	0.00	65.0	19.5	0.0	0.0	650	21-Jul
PX04	84	204	16.60	28.8	21.7	0.0	0.00	103.7	20.1	0.0	0.0	650	22-Jul
PX04	84	205	29.60	31.9	20.8	0.0	0.00	86.4	19.5	0.0	0.0	650	23-Jul
PX04	84	206	25.50	35.6	23.5	0.0	0.00	69.1	17.8	0.0	0.0	650	24-Jul
PX04	84	207	23.60	34.4	24.8	0.0	0.00	95.0	17.2	0.0	0.0	650	25-Jul
PX04	84	208	26.90	32.0	21.1	0.0	0.00	112.3	16.4	0.0	0.0	650	26-Jul
PX04	84	209	18.00	29.4	17.6	0.0	0.00	112.3	18.4	0.0	0.0	650	27-Jul
PX04	84	210	26.50	29.9	21.5	100.0	0.00	65.0	21.7	0.0	0.0	650	28-Jul
PX04	84	211	25.80	30.1	21.1	0.0	0.00	77.8	20.2	0.0	0.0	650	29-Jul
PX04	84	212	26.90	31.0	21.9	0.0	0.00	69.1	19.1	0.0	0.0	650	30-Jul
PX04	84	213	23.70	32.2	23.0	0.0	0.00	86.4	19.4	0.0	0.0	650	31-Jul
PX04	84	214	26.90	32.0	22.0	0.0	0.00	95.0	16.1	0.0	0.0	650	01-Aug
PX04	84	215	24.50	31.7	21.4	0.0	0.00	60.5	15.8	0.0	0.0	650	02-Aug
PX04	84	216	27.60	33.5	21.8	0.0	0.00	77.8	15.4	0.0	0.0	650	03-Aug
PX04	84	217	27.60	35.3	22.9	0.0	0.00	121.0	15.1	0.0	0.0	650	04-Aug
PX04	84	218	26.80	34.7	23.2	0.0	0.00	103.7	16.2	0.0	0.0	650	05-Aug
PX04	84	219	27.70	36.3	23.5	0.0	0.00	112.3	15.0	0.0	0.0	650	06-Aug
PX04	84	220	26.60	36.7	23.2	0.0	0.00	112.3	14.2	0.0	0.0	650	07-Aug
PX04	84	221	27.10	32.5	20.7	0.0	0.00	129.6	20.2	0.0	0.0	650	08-Aug
PX04	84	222	21.50	30.6	21.0	5.0	0.00	138.2	19.5	0.0	0.0	650	09-Aug
PX04	84	223	24.70	29.9	21.4	0.0	0.00	95.0	19.7	0.0	0.0	650	10-Aug
PX04	84	224	12.40	30.4	23.2	0.0	0.00	121.0	19.8	0.0	0.0	650	11-Aug
PX04	84	225	26.30	33.6	22.2	0.0	0.00	86.4	19.0	0.0	0.0	650	12-Aug
PX04	84	226	26.60	33.5	24.1	0.0	0.00	138.2	19.3	0.0	0.0	650	13-Aug
PX04	84	227	20.30	32.4	20.0	2.0	0.00	112.3	19.3	0.0	0.0	650	14-Aug
PX04	84	228	23.80	33.4	22.8	0.0	0.00	86.4	22.0	0.0	0.0	650	15-Aug
PX04	84	229	23.60	34.5	23.5	0.0	0.00	112.3	18.7	0.0	0.0	650	16-Aug
PX04	84	230	22.00	35.2	22.3	0.0	0.00	112.3	18.1	0.0	0.0	650	17-Aug
PX04	84	231	21.30	33.3	20.6	0.0	0.00	95.0	16.9	0.0	0.0	650	18-Aug
PX04	84	232	21.50	31.8	22.3	0.0	0.00	112.3	18.0	0.0	0.0	650	19-Aug
PX04	84	233	22.30	33.5	20.9	0.0	0.00	95.0	16.9	0.0	0.0	650	20-Aug
PX04	84	234	25.50	35.5	21.6	0.0	0.00	86.4	15.0	0.0	0.0	650	21-Aug
PX04	84	235	19.50	36.1	22.5	0.0	0.00	121.0	13.9	0.0	0.0	650	22-Aug
PX04	84	236	14.30	29.2	22.1	2.0	0.00	86.4	16.5	0.0	0.0	650	23-Aug
PX04	84	237	24.70	32.0	19.1	0.0	0.00	112.3	16.4	0.0	0.0	650	24-Aug
PX04	84	238	23.10	31.8	19.3	0.0	0.00	86.4	16.9	0.0	0.0	650	25-Aug
PX04	84	239	25.30	33.0	22.0	0.0	0.00	69.1	16.2	0.0	0.0	650	26-Aug
PX04	84	240	22.30	34.1	20.2	0.0	0.00	51.8	15.8	0.0	0.0	650	27-Aug
PX04	84	241	24.80	34.3	23.3	0.0	0.00	0.0	16.6	0.0	0.0	650	28-Aug
PX04	84	242	25.30	37.4	21.9	0.0	0.00	0.0	14.8	0.0	0.0	650	29-Aug
PX04	84	243	25.00	37.0	25.2	0.0	0.00	17.3	15.5	0.0	0.0	650	30-Aug
PX04	84	244	21.30	37.0	25.2	0.0	0.00	51.8	14.3	0.0	0.0	650	31-Aug
PX04	84	245	24.10	35.8	18.6	20.0	0.00	60.5	17.3	0.0	0.0	650	01-Sep
PX04	84	246	24.10	31.6	18.7	0.0	0.00	17.3	20.4	0.0	0.0	650	02-Sep

INSTW	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
	JUL		XTMAX		XRAIN		WIND		STMAX	CO2			
PX04	84	247	24.50	36.1	21.9	0.0	0.00	77.8	19.0	0.0	0.0	650	03-Sep
PX04	84	248	24.80	36.5	22.0	0.0	0.00	138.2	13.7	0.0	0.0	650	04-Sep
PX04	84	249	26.10	37.3	18.3	0.0	0.00	138.2	5.3	0.0	0.0	650	05-Sep
PX04	84	250	25.40	33.0	16.1	0.0	0.00	95.0	8.8	0.0	0.0	650	06-Sep
PX04	84	251	24.10	31.2	15.8	0.0	0.00	86.4	12.0	0.0	0.0	650	07-Sep
PX04	84	252	23.90	31.9	20.4	0.0	0.00	86.4	16.9	0.0	0.0	650	08-Sep
PX04	84	253	22.00	31.9	20.6	0.0	0.00	112.3	17.7	0.0	0.0	650	09-Sep
PX04	84	254	21.50	34.5	20.1	46.0	0.00	86.4	21.3	0.0	0.0	650	10-Sep
PX04	84	255	15.10	29.2	18.6	0.0	0.00	86.4	23.8	0.0	0.0	650	11-Sep
PX04	84	256	22.30	31.6	19.0	0.0	0.00	77.8	21.1	0.0	0.0	650	12-Sep
PX04	84	257	22.10	33.8	19.4	0.0	0.00	77.8	17.2	0.0	0.0	650	13-Sep
PX04	84	258	21.80	35.1	20.3	0.0	0.00	69.1	16.7	0.0	0.0	650	14-Sep
PX04	84	259	23.10	35.7	22.1	1.0	0.00	155.5	13.2	0.0	0.0	650	15-Sep
PX04	84	260	23.10	35.0	20.6	0.0	0.00	95.0	13.2	0.0	0.0	650	16-Sep
PX04	84	261	19.30	35.7	21.2	0.0	0.00	77.8	13.8	0.0	0.0	650	17-Sep
PX04	84	262	22.20	37.5	20.9	0.0	0.00	121.0	12.8	0.0	0.0	650	18-Sep
PX04	84	263	21.70	36.5	20.0	0.0	0.00	95.0	12.7	0.0	0.0	650	19-Sep
PX04	84	264	21.50	36.4	19.6	0.0	0.00	112.3	11.5	0.0	0.0	650	20-Sep
PX04	84	265	18.80	34.4	18.6	2.0	0.00	121.0	14.0	0.0	0.0	650	21-Sep
PX04	84	266	20.90	33.5	18.6	0.0	0.00	138.2	14.3	0.0	0.0	650	22-Sep
PX04	84	267	19.60	33.5	20.0	0.0	0.00	121.0	13.6	0.0	0.0	650	23-Sep
PX04	84	268	3.70	33.1	19.0	0.0	0.00	86.4	13.1	0.0	0.0	650	24-Sep
PX04	84	269	3.90	25.1	18.6	8.0	0.00	69.1	17.7	0.0	0.0	650	25-Sep
PX04	84	270	20.10	20.1	16.4	20.0	0.00	17.3	16.8	0.0	0.0	650	26-Sep
PX04	84	271	20.60	28.4	14.9	0.0	0.00	17.3	16.9	0.0	0.0	650	27-Sep
PX04	84	272	20.00	30.3	16.7	0.0	0.00	25.9	15.3	0.0	0.0	650	28-Sep
PX04	84	273	14.20	31.4	15.9	0.0	0.00	51.8	15.2	0.0	0.0	650	29-Sep
PX04	84	274	17.60	29.6	16.8	0.0	0.00	146.9	13.8	0.0	0.0	650	30-Sep
PX04	84	275	18.60	30.5	18.3	0.0	0.00	86.4	12.2	0.0	0.0	650	01-Oct
PX04	84	276	18.60	28.5	15.2	0.0	0.00	86.4	12.0	0.0	0.0	650	02-Oct
PX04	84	277	18.70	28.5	15.2	5.0	0.00	77.8	12.0	0.0	0.0	650	03-Oct
PX04	84	278	18.90	25.7	11.4	0.0	0.00	69.1	12.8	0.0	0.0	650	04-Oct
PX04	84	279	19.00	27.5	11.9	0.0	0.00	69.1	11.4	0.0	0.0	650	05-Oct
PX04	84	280	19.00	29.1	12.5	0.0	0.00	60.5	10.6	0.0	0.0	650	06-Oct
PX04	84	281	19.10	31.8	13.2	0.0	0.00	51.8	10.3	0.0	0.0	650	07-Oct
PX04	84	282	18.70	32.4	13.5	0.0	0.00	51.8	9.2	0.0	0.0	650	08-Oct
PX04	84	283	18.20	32.5	13.5	0.0	0.00	60.5	9.3	0.0	0.0	650	09-Oct
PX04	84	284	17.70	31.7	13.7	0.0	0.00	86.4	9.8	0.0	0.0	650	10-Oct
PX04	84	285	14.30	30.5	15.9	0.0	0.00	60.5	13.9	0.0	0.0	650	11-Oct
PX04	84	286	17.60	29.2	16.7	0.0	0.00	60.5	13.5	0.0	0.0	650	12-Oct
PX04	84	287	16.60	29.5	13.3	0.0	0.00	112.3	9.8	0.0	0.0	650	13-Oct
PX04	84	288	17.80	29.9	12.8	0.0	0.00	69.1	8.2	0.0	0.0	650	14-Oct
PX04	84	289	14.80	26.6	12.9	0.0	0.00	164.2	4.6	0.0	0.0	650	15-Oct
PX04	84	290	17.20	22.9	8.5	0.0	0.00	103.7	3.0	0.0	0.0	650	16-Oct

FILENAME: PX150407.W84

WEATHER DATA FOR CO2=650, IRRIGATION=WET, REP=#2

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC    ↓    CO2YR WINDYR  
 PX15 33.40 112.00 2.30 0 1 1 0 1 650 0.0

	IYR	SOLRAD		XTMIN	XPAR	DEWPT		STMIN	A00				
<u>INSTW</u>	<u>JUL</u>		<u>XTMAX</u>	<u>XRAIN</u>	<u>WIND</u>		<u>STMAX</u>	<u>CO2</u>					
PX15	84	97	8.03	23.9	12.2	0.0	0.00	122.0	6.5	0.0	0.0	350	06-Apr
PX15	84	98	20.22	24.4	10.6	0.0	0.00	162.5	6.5	0.0	0.0	350	07-Apr
PX15	84	99	26.03	27.2	11.1	0.0	0.00	184.8	7.8	0.0	0.0	350	08-Apr
PX15	84	100	25.94	27.2	15.0	0.0	0.00	138.7	12.8	0.0	0.0	350	09-Apr
PX15	84	101	21.02	27.8	12.2	0.0	0.00	147.1	12.4	0.0	0.0	350	10-Apr
PX15	84	102	25.03	30.0	15.0	0.0	0.00	140.1	6.7	0.0	0.0	350	11-Apr
PX15	84	103	26.47	32.2	17.2	0.0	0.00	119.2	8.5	0.0	0.0	350	12-Apr
PX15	84	104	26.88	35.1	16.7	0.0	0.00	131.8	4.5	0.0	0.0	350	13-Apr
PX15	84	105	27.78	36.7	18.3	0.0	0.00	133.2	6.1	0.0	0.0	350	14-Apr
PX15	84	106	27.71	37.2	18.9	0.0	0.00	142.9	8.6	0.0	0.0	350	15-Apr
PX15	84	107	27.41	38.3	21.1	0.0	0.00	190.4	12.2	0.0	0.0	350	16-Apr
PX15	84	108	20.87	34.4	21.1	0.0	0.00	162.5	12.4	0.0	0.0	350	17-Apr
PX15	84	109	26.49	32.2	18.9	0.0	0.00	232.2	11.9	0.0	0.0	350	18-Apr
PX15	84	110	26.04	27.8	17.2	0.0	0.00	175.0	17.2	0.0	0.0	350	19-Apr
PX15	84	111	28.36	23.9	12.8	0.0	0.00	106.7	16.3	0.0	0.0	350	20-Apr
PX15	84	112	28.41	32.6	12.8	0.0	0.00	122.0	15.8	0.0	0.0	350	21-Apr
PX15	84	113	28.17	31.1	15.1	0.0	0.00	115.0	13.5	0.0	0.0	350	22-Apr
PX15	84	114	30.04	33.8	14.0	0.0	0.00	163.9	13.5	0.0	0.0	350	23-Apr
PX15	84	115	30.34	30.3	13.4	0.0	0.00	244.8	11.3	0.0	0.0	350	24-Apr
PX15	84	116	18.07	28.3	10.3	0.0	0.00	239.2	10.5	0.0	0.0	350	25-Apr
PX15	84	117	13.86	28.3	8.2	0.0	0.00	162.5	10.7	0.0	0.0	350	26-Apr
PX15	84	118	9.55	26.7	10.8	0.0	0.00	140.1	10.7	0.0	0.0	350	27-Apr
PX15	84	119	1.43	29.4	4.6	0.0	0.00	142.9	11.1	0.0	0.0	350	28-Apr
PX15	84	120	26.91	30.8	8.7	0.0	0.00	122.0	11.5	0.0	0.0	350	29-Apr
PX15	84	121	19.17	31.7	10.8	0.0	0.00	155.5	10.1	0.0	0.0	350	30-Apr
PX15	84	122	22.03	32.2	11.4	0.0	0.00	142.9	8.8	0.0	0.0	350	01-May
PX15	84	123	28.45	33.8	15.5	0.0	0.00	141.5	8.6	0.0	0.0	650	02-May
PX15	84	124	29.76	34.2	17.1	0.0	0.00	175.0	10.4	0.0	0.0	650	03-May
PX15	84	125	30.46	33.8	17.6	0.0	0.00	170.8	12.3	0.0	0.0	650	04-May
PX15	84	126	29.90	33.8	16.6	0.0	0.00	152.7	15.1	0.0	0.0	650	05-May
PX15	84	127	30.20	34.4	17.6	0.0	0.00	107.9	13.3	0.0	0.0	650	06-May
PX15	84	128	30.00	34.4	17.6	0.0	0.00	64.5	13.0	0.0	0.0	650	07-May
PX15	84	129	31.00	35.1	16.1	0.0	0.00	144.4	12.7	0.0	0.0	650	08-May
PX15	84	130	30.25	35.8	18.1	0.0	0.00	144.3	12.7	0.0	0.0	650	09-May
PX15	84	131	30.25	36.0	17.6	0.0	0.00	180.5	11.9	0.0	0.0	650	10-May
PX15	84	132	30.50	35.6	18.1	0.0	0.00	114.7	12.3	0.0	0.0	650	11-May
PX15	84	133	17.50	34.9	19.7	0.0	0.00	136.6	12.2	0.0	0.0	650	12-May
PX15	84	134	29.50	35.8	19.7	0.0	0.00	166.8	11.2	0.0	0.0	650	13-May
PX15	84	135	27.60	35.6	21.8	0.0	0.00	233.8	10.3	0.0	0.0	650	14-May
PX15	84	136	24.00	34.4	18.1	0.0	0.00	185.0	12.0	0.0	0.0	650	15-May
PX15	84	137	30.70	34.2	16.1	0.0	0.00	187.2	13.1	0.0	0.0	650	16-May
PX15	84	138	30.25	34.4	18.7	0.0	0.00	134.9	13.0	0.0	0.0	650	17-May
PX15	84	139	30.40	34.9	18.7	0.0	0.00	122.5	12.6	0.0	0.0	650	18-May
PX15	84	140	31.00	35.3	18.7	0.0	0.00	110.5	14.4	0.0	0.0	650	19-May
PX15	84	141	30.70	35.6	19.2	0.0	0.00	147.3	14.9	0.0	0.0	650	20-May
PX15	84	142	30.60	35.8	19.7	0.0	0.00	144.7	8.1	0.0	0.0	650	21-May

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX15	84	143	31.20	36.0	19.7	0.0	0.00	123.0	5.9	0.0	0.0	650	22-May
PX15	84	144	31.00	36.9	18.7	0.0	0.00	133.1	2.1	0.0	0.0	650	23-May
PX15	84	145	31.40	36.7	19.7	0.0	0.00	146.1	-2.2	0.0	0.0	650	24-May
PX15	84	146	31.60	36.7	19.7	0.0	0.00	140.2	5.3	0.0	0.0	650	25-May
PX15	84	147	31.20	36.9	19.2	0.0	0.00	149.4	5.8	0.0	0.0	650	26-May
PX15	84	148	31.60	37.2	20.2	0.0	0.00	149.0	4.8	0.0	0.0	650	27-May
PX15	84	149	31.80	38.1	20.2	0.0	0.00	152.7	4.3	0.0	0.0	650	28-May
PX15	84	150	27.40	37.4	23.9	0.0	0.00	224.6	7.3	0.0	0.0	650	29-May
PX15	84	151	22.30	37.4	24.0	0.0	0.00	181.4	8.6	0.0	0.0	650	30-May
PX15	84	152	29.20	36.7	20.1	0.0	0.00	112.3	12.3	0.0	0.0	650	31-May
PX15	84	153	30.70	37.2	22.0	0.0	0.00	164.2	11.4	0.0	0.0	650	01-Jun
PX15	84	154	30.60	35.8	20.2	0.0	0.00	181.4	9.8	0.0	0.0	650	02-Jun
PX15	84	155	31.40	37.5	21.5	0.0	0.00	190.1	7.5	0.0	0.0	650	03-Jun
PX15	84	156	26.70	35.7	18.7	0.0	0.00	181.4	8.1	0.0	0.0	650	04-Jun
PX15	84	157	25.30	33.7	18.3	0.0	0.00	138.2	6.4	0.0	0.0	650	05-Jun
PX15	84	158	29.40	34.3	18.2	0.0	0.00	181.4	5.6	0.0	0.0	650	06-Jun
PX15	84	159	31.40	34.1	19.5	0.0	0.00	155.5	4.8	0.0	0.0	650	07-Jun
PX15	84	160	30.80	35.0	17.6	0.0	0.00	129.6	3.9	0.0	0.0	650	08-Jun
PX15	84	161	30.90	36.3	16.9	0.0	0.00	65.0	1.5	0.0	0.0	650	09-Jun
PX15	84	162	30.80	38.8	19.8	0.0	0.00	198.7	0.4	0.0	0.0	650	10-Jun
PX15	84	163	30.90	37.6	18.4	0.0	0.00	190.1	-0.0	0.0	0.0	650	11-Jun
PX15	84	164	31.60	37.9	17.1	0.0	0.00	190.1	-0.0	0.0	0.0	650	12-Jun
PX15	84	165	31.80	34.2	18.0	0.0	0.00	155.5	3.4	0.0	0.0	650	13-Jun
PX15	84	166	31.30	34.1	17.6	0.0	0.00	164.2	4.3	0.0	0.0	650	14-Jun
PX15	84	167	32.00	34.9	17.5	0.0	0.00	112.3	1.1	0.0	0.0	650	15-Jun
PX15	84	168	31.70	34.7	17.9	0.0	0.00	112.3	-1.7	0.0	0.0	650	16-Jun
PX15	84	169	31.80	35.7	16.7	0.0	0.00	65.0	-2.7	0.0	0.0	650	17-Jun
PX15	84	170	30.90	36.5	18.3	0.0	0.00	112.3	-0.0	0.0	0.0	650	18-Jun
PX15	84	171	30.60	37.3	21.5	0.0	0.00	112.3	2.5	0.0	0.0	650	19-Jun
PX15	84	172	31.90	36.3	19.7	0.0	0.00	138.2	4.3	0.0	0.0	650	20-Jun
PX15	84	173	31.70	37.2	17.9	0.0	0.00	164.2	3.8	0.0	0.0	650	21-Jun
PX15	84	174	31.00	37.5	20.8	0.0	0.00	112.3	5.6	0.0	0.0	650	22-Jun
PX15	84	175	29.60	38.2	20.5	0.0	0.00	103.7	6.5	0.0	0.0	650	23-Jun
PX15	84	176	23.20	38.0	22.8	0.0	0.00	103.7	11.3	0.0	0.0	650	24-Jun
PX15	84	177	24.00	33.9	19.6	4.0	0.00	146.9	18.3	0.0	0.0	650	25-Jun
PX15	84	178	29.70	37.3	24.9	0.0	0.00	103.7	17.7	0.0	0.0	650	26-Jun
PX15	84	179	23.70	33.5	26.5	0.0	0.00	65.0	17.5	0.0	0.0	650	27-Jun
PX15	84	180	29.80	33.8	22.3	0.0	0.00	164.2	18.8	0.0	0.0	650	28-Jun
PX15	84	181	29.40	32.2	22.6	3.0	0.00	164.2	19.4	0.0	0.0	650	29-Jun
PX15	84	182	18.30	31.2	23.2	1.0	0.00	103.7	18.5	0.0	0.0	650	30-Jun
PX15	84	183	25.30	33.0	20.3	0.0	0.00	129.6	17.9	0.0	0.0	650	01-Jul
PX15	84	184	22.80	32.2	21.5	0.0	0.00	129.6	18.7	0.0	0.0	650	02-Jul
PX15	84	185	20.30	33.9	24.4	0.0	0.00	129.6	17.2	0.0	0.0	650	03-Jul
PX15	84	186	30.80	35.5	26.0	0.0	0.00	138.2	17.1	0.0	0.0	650	04-Jul
PX15	84	187	29.90	35.4	26.3	0.0	0.00	103.7	16.6	0.0	0.0	650	05-Jul
PX15	84	188	28.40	35.3	26.1	0.0	0.00	138.2	16.9	0.0	0.0	650	06-Jul
PX15	84	189	29.70	33.6	25.7	0.0	0.00	146.9	16.9	0.0	0.0	650	07-Jul
PX15	84	190	28.50	35.2	24.1	0.0	0.00	198.7	17.6	0.0	0.0	650	08-Jul
PX15	84	191	29.90	37.4	25.7	0.0	0.00	138.2	17.7	0.0	0.0	650	09-Jul
PX15	84	192	29.30	37.4	25.7	0.0	0.00	155.5	16.5	0.0	0.0	650	10-Jul
PX15	84	193	24.80	31.3	25.2	0.0	0.00	129.6	17.3	0.0	0.0	650	11-Jul
PX15	84	194	23.80	31.6	22.6	0.0	0.00	129.6	18.8	0.0	0.0	650	12-Jul

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX	CO2		
PX15 84 195	22.50	30.8	21.3	5.0	0.00	129.6	19.8	0.0	0.0	650	13-Jul	
PX15 84 196	28.50	35.1	22.4	0.0	0.00	146.9	20.8	0.0	0.0	650	14-Jul	
PX15 84 197	29.60	39.0	23.8	0.0	0.00	181.4	21.0	0.0	0.0	650	15-Jul	
PX15 84 198	28.80	38.2	22.6	0.0	0.00	190.1	21.8	0.0	0.0	650	16-Jul	
PX15 84 199	24.60	31.4	22.7	1.0	0.00	146.9	19.5	0.0	0.0	650	17-Jul	
PX15 84 200	21.50	31.3	22.4	9.0	0.00	129.6	18.9	0.0	0.0	650	18-Jul	
PX15 84 201	18.90	30.8	22.1	0.0	0.00	121.0	19.7	0.0	0.0	650	19-Jul	
PX15 84 202	23.10	30.5	20.4	3.0	0.00	138.2	19.5	0.0	0.0	650	20-Jul	
PX15 84 203	16.50	26.8	18.5	34.0	0.00	65.0	19.7	0.0	0.0	650	21-Jul	
PX15 84 204	16.60	27.5	21.6	0.0	0.00	103.7	20.3	0.0	0.0	650	22-Jul	
PX15 84 205	29.60	29.7	20.6	0.0	0.00	86.4	20.8	0.0	0.0	650	23-Jul	
PX15 84 206	25.50	31.3	23.3	0.0	0.00	69.1	19.3	0.0	0.0	650	24-Jul	
PX15 84 207	23.60	31.5	24.6	0.0	0.00	95.0	17.8	0.0	0.0	650	25-Jul	
PX15 84 208	26.90	30.8	21.2	0.0	0.00	112.3	16.8	0.0	0.0	650	26-Jul	
PX15 84 209	18.00	28.4	19.1	0.0	0.00	112.3	18.8	0.0	0.0	650	27-Jul	
PX15 84 210	26.50	28.7	20.0	100.0	0.00	65.0	19.2	0.0	0.0	650	28-Jul	
PX15 84 211	25.80	29.0	20.8	0.0	0.00	77.8	20.0	0.0	0.0	650	29-Jul	
PX15 84 212	26.90	29.8	22.2	0.0	0.00	69.1	21.5	0.0	0.0	650	30-Jul	
PX15 84 213	23.70	30.6	23.5	0.0	0.00	86.4	24.0	0.0	0.0	650	31-Jul	
PX15 84 214	26.90	30.8	22.6	0.0	0.00	95.0	16.9	0.0	0.0	650	01-Aug	
PX15 84 215	24.50	30.3	21.3	0.0	0.00	60.5	16.4	0.0	0.0	650	02-Aug	
PX15 84 216	27.60	31.6	21.5	0.0	0.00	77.8	16.3	0.0	0.0	650	03-Aug	
PX15 84 217	27.60	33.0	22.5	0.0	0.00	121.0	16.1	0.0	0.0	650	04-Aug	
PX15 84 218	26.80	32.0	22.6	0.0	0.00	103.7	17.0	0.0	0.0	650	05-Aug	
PX15 84 219	27.70	34.8	23.2	0.0	0.00	112.3	16.3	0.0	0.0	650	06-Aug	
PX15 84 220	26.60	34.6	23.0	0.0	0.00	112.3	15.8	0.0	0.0	650	07-Aug	
PX15 84 221	27.10	30.4	20.6	0.0	0.00	129.6	18.0	0.0	0.0	650	08-Aug	
PX15 84 222	21.50	29.4	21.1	5.0	0.00	138.2	19.9	0.0	0.0	650	09-Aug	
PX15 84 223	24.70	29.0	21.1	0.0	0.00	95.0	20.4	0.0	0.0	650	10-Aug	
PX15 84 224	12.40	29.1	23.0	0.0	0.00	121.0	20.4	0.0	0.0	650	11-Aug	
PX15 84 225	26.30	32.2	22.0	0.0	0.00	86.4	19.7	0.0	0.0	650	12-Aug	
PX15 84 226	26.60	30.7	23.9	0.0	0.00	138.2	20.6	0.0	0.0	650	13-Aug	
PX15 84 227	20.30	30.2	19.9	2.0	0.00	112.3	19.9	0.0	0.0	650	14-Aug	
PX15 84 228	23.80	31.6	22.8	0.0	0.00	86.4	20.6	0.0	0.0	650	15-Aug	
PX15 84 229	23.60	32.9	23.7	0.0	0.00	112.3	19.5	0.0	0.0	650	16-Aug	
PX15 84 230	22.00	32.8	22.2	0.0	0.00	112.3	19.4	0.0	0.0	650	17-Aug	
PX15 84 231	21.30	31.5	20.5	0.0	0.00	95.0	18.3	0.0	0.0	650	18-Aug	
PX15 84 232	21.50	30.7	22.0	0.0	0.00	112.3	19.0	0.0	0.0	650	19-Aug	
PX15 84 233	22.30	32.0	20.8	0.0	0.00	95.0	18.3	0.0	0.0	650	20-Aug	
PX15 84 234	25.50	34.3	21.4	0.0	0.00	86.4	16.0	0.0	0.0	650	21-Aug	
PX15 84 235	19.50	34.8	21.9	0.0	0.00	121.0	15.0	0.0	0.0	650	22-Aug	
PX15 84 236	14.30	28.4	22.7	2.0	0.00	86.4	16.9	0.0	0.0	650	23-Aug	
PX15 84 237	24.70	29.7	19.4	0.0	0.00	112.3	17.3	0.0	0.0	650	24-Aug	
PX15 84 238	23.10	30.2	19.4	0.0	0.00	86.4	17.6	0.0	0.0	650	25-Aug	
PX15 84 239	25.30	31.3	21.9	0.0	0.00	69.1	16.9	0.0	0.0	650	26-Aug	
PX15 84 240	22.30	32.1	20.2	0.0	0.00	51.8	16.5	0.0	0.0	650	27-Aug	
PX15 84 241	24.80	32.0	23.6	0.0	0.00	0.0	17.6	0.0	0.0	650	28-Aug	
PX15 84 242	25.30	33.9	21.9	0.0	0.00	0.0	15.8	0.0	0.0	650	29-Aug	
PX15 84 243	25.00	35.0	22.0	0.0	0.00	17.3	14.7	0.0	0.0	650	30-Aug	
PX15 84 244	21.30	34.2	25.1	0.0	0.00	51.8	15.6	0.0	0.0	650	31-Aug	
PX15 84 245	24.10	32.9	19.0	20.0	0.00	60.5	18.2	0.0	0.0	650	01-Sep	
PX15 84 246	24.10	29.7	19.2	0.0	0.00	17.3	21.3	0.0	0.0	650	02-Sep	

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00
INSTW	JUL	XTMAX		XRAIN		WIND		STMAX		CO2		
PX15 84 247	24.50	34.2	22.0	0.0	0.00	77.8	20.2	0.0	0.0	650	03-Sep	
PX15 84 248	24.80	35.1	21.2	0.0	0.00	138.2	15.0	0.0	0.0	650	04-Sep	
PX15 84 249	26.10	34.7	16.3	0.0	0.00	138.2	9.8	0.0	0.0	650	05-Sep	
PX15 84 250	25.40	32.1	16.2	0.0	0.00	95.0	9.0	0.0	0.0	650	06-Sep	
PX15 84 251	24.10	29.2	15.8	0.0	0.00	86.4	12.6	0.0	0.0	650	07-Sep	
PX15 84 252	23.90	30.1	20.2	0.0	0.00	86.4	18.0	0.0	0.0	650	08-Sep	
PX15 84 253	22.00	30.4	19.9	0.0	0.00	112.3	18.6	0.0	0.0	650	09-Sep	
PX15 84 254	21.50	30.0	20.1	46.0	0.00	86.4	22.4	0.0	0.0	650	10-Sep	
PX15 84 255	15.10	29.2	18.6	0.0	0.00	86.4	23.8	0.0	0.0	650	11-Sep	
PX15 84 256	22.30	38.4	20.7	0.0	0.00	77.8	21.4	0.0	0.0	650	12-Sep	
PX15 84 257	22.10	30.3	19.1	0.0	0.00	77.8	18.1	0.0	0.0	650	13-Sep	
PX15 84 258	21.80	31.3	20.6	0.0	0.00	69.1	17.7	0.0	0.0	650	14-Sep	
PX15 84 259	23.10	34.4	22.3	1.0	0.00	155.5	12.7	0.0	0.0	650	15-Sep	
PX15 84 260	23.10	20.8	15.5	0.0	0.00	95.0	18.0	0.0	0.0	650	16-Sep	
PX15 84 261	19.30	33.4	21.2	0.0	0.00	77.8	13.3	0.0	0.0	650	17-Sep	
PX15 84 262	22.20	34.6	20.6	0.0	0.00	121.0	12.2	0.0	0.0	650	18-Sep	
PX15 84 263	21.70	32.1	19.5	0.0	0.00	95.0	13.2	0.0	0.0	650	19-Sep	
PX15 84 264	21.50	31.8	19.9	0.0	0.00	112.3	11.9	0.0	0.0	650	20-Sep	
PX15 84 265	18.80	31.5	20.3	2.0	0.00	121.0	13.7	0.0	0.0	650	21-Sep	
PX15 84 266	20.90	30.1	19.0	0.0	0.00	138.2	14.4	0.0	0.0	650	22-Sep	
PX15 84 267	19.60	30.0	20.4	0.0	0.00	121.0	13.7	0.0	0.0	650	23-Sep	
PX15 84 268	3.70	29.8	18.9	0.0	0.00	86.4	13.0	0.0	0.0	650	24-Sep	
PX15 84 269	3.90	24.6	18.4	8.0	0.00	69.1	17.8	0.0	0.0	650	25-Sep	
PX15 84 270	20.10	20.0	16.5	20.0	0.00	17.3	16.9	0.0	0.0	650	26-Sep	
PX15 84 271	20.60	26.3	15.0	0.0	0.00	17.3	16.9	0.0	0.0	650	27-Sep	
PX15 84 272	20.00	27.5	16.9	0.0	0.00	25.9	15.2	0.0	0.0	650	28-Sep	
PX15 84 273	14.20	28.5	16.2	0.0	0.00	51.8	15.2	0.0	0.0	650	29-Sep	
PX15 84 274	17.60	27.2	16.5	0.0	0.00	146.9	13.4	0.0	0.0	650	30-Sep	
PX15 84 275	18.60	27.7	17.4	0.0	0.00	86.4	12.4	0.0	0.0	650	01-Oct	
PX15 84 276	18.60	25.7	15.3	0.0	0.00	86.4	12.2	0.0	0.0	650	02-Oct	
PX15 84 277	18.70	25.7	15.3	5.0	0.00	77.8	12.2	0.0	0.0	650	03-Oct	
PX15 84 278	18.90	23.7	11.5	0.0	0.00	69.1	12.7	0.0	0.0	650	04-Oct	
PX15 84 279	19.00	26.7	11.8	0.0	0.00	69.1	11.2	0.0	0.0	650	05-Oct	
PX15 84 280	19.00	26.4	12.0	0.0	0.00	60.5	10.7	0.0	0.0	650	06-Oct	
PX15 84 281	19.10	29.5	12.7	0.0	0.00	51.8	10.3	0.0	0.0	650	07-Oct	
PX15 84 282	18.70	28.4	12.8	0.0	0.00	51.8	8.4	0.0	0.0	650	08-Oct	
PX15 84 283	18.20	28.9	13.9	0.0	0.00	60.5	9.5	0.0	0.0	650	09-Oct	
PX15 84 284	17.70	28.0	14.1	0.0	0.00	86.4	10.0	0.0	0.0	650	10-Oct	
PX15 84 285	14.30	27.4	15.9	0.0	0.00	60.5	14.0	0.0	0.0	650	11-Oct	
PX15 84 286	17.60	26.7	16.3	0.0	0.00	60.5	13.9	0.0	0.0	650	12-Oct	
PX15 84 287	16.60	26.9	13.1	0.0	0.00	112.3	10.0	0.0	0.0	650	13-Oct	
PX15 84 288	17.80	27.4	12.8	0.0	0.00	69.1	8.1	0.0	0.0	650	14-Oct	
PX15 84 289	14.80	25.1	12.8	0.0	0.00	164.2	6.4	0.0	0.0	650	15-Oct	
PX15 84 290	17.20	21.0	7.9	0.0	0.00	103.7	0.6	0.0	0.0	650	16-Oct	

FILENAME: AVONDALE.CT2

SOIL PROFILE PROPERTIES FOR AVONDALE LOAM  
(ALL PLOTS EXCEPT LYSIMETERS & GRAVEL LAYER)

IDUMSL	PEDON	TAXON									
01	-9	AVONDALE LOAM (FINE-LOAMY, MIXED (CALCAREOUS), HYPERTHERMIC.									
SALB	U	SWCON	CN2	TAV	AMP	DMOD	SWCON1	SWCON2	SWCON3	RWUMX	PHFAC3
0.14	12.00	0.32	80.00	21.8	22.2	1.0	2.67E-03	58.0	6.68	0.03	1.00

DLAYR	LL	DUL	SAT	DSW	WR	BD	OC	DNH4	DNO3	DPH
5.	0.152	0.272	0.370	0.272	1.000	1.45	0.45	0.0	20.0	7.7
5.	0.153	0.272	0.360	0.272	0.861	1.50	0.45	0.0	20.0	7.7
10.	0.159	0.279	0.360	0.279	0.741	1.52	0.45	0.0	20.0	7.7
10.	0.164	0.285	0.365	0.285	0.607	1.51	0.45	0.0	16.0	7.7
20.	0.164	0.288	0.369	0.288	0.449	1.50	0.30	0.0	13.0	8.0
20.	0.163	0.289	0.372	0.289	0.301	1.48	0.20	0.0	10.0	8.0
30.	0.159	0.285	0.371	0.285	0.183	1.48	0.10	0.0	10.0	8.0
30.	0.172	0.298	0.379	0.298	0.100	1.47	0.00	0.0	10.0	8.0
30.	0.189	0.316	0.390	0.316	0.055	1.46	0.00	0.0	10.0	8.0
30.	0.189	0.316	0.390	0.316	0.030	1.46	0.00	0.0	10.0	8.0

-1.

ROCK	SILT		SCOND		CATEXC	ALPHA	XN	VGTHS	VGTHR
	SAND	CLAY							
0.0	34.6	43.9	21.5	20.0	287.0	3.380	1.184	0.384	0.043
0.0	34.6	43.9	21.5	15.0	287.0	3.380	1.184	0.371	0.042
0.0	31.4	45.9	22.8	10.0	305.0	3.380	1.184	0.366	0.041
0.0	28.1	47.9	24.0	7.0	321.0	3.380	1.184	0.369	0.041
0.0	27.4	47.7	24.9	7.2	333.0	3.380	1.184	0.371	0.042
0.0	29.1	45.7	25.3	7.3	338.0	3.380	1.184	0.376	0.042
0.0	34.4	40.6	25.1	7.3	335.0	3.380	1.184	0.376	0.042
0.0	36.2	35.1	28.8	7.3	385.0	3.380	1.184	0.379	0.042
0.0	29.4	37.5	33.0	7.3	441.0	3.380	1.184	0.381	0.043
0.0	29.4	37.5	33.0	7.3	441.0	3.380	1.184	0.381	0.043

DATAID

AVONDALE LOAM (FINE-LOAMY, MIXED (CALCAREOUS), HYPERTHERMIC.

LYRSOL

1

DIFFO	THETA0	BETA	GLAYR	THETAS	FC	THETAR	AIRDR	ETA	GBD	PSIBUB
0.18E-08	0.145	34.0	0.19E+03	0.45	0.26	0.23	0.03	2.90	1.49	1.00
0.18E-08	0.145	34.0		0.45	0.26	0.23	0.03	2.90	1.49	1.00
0.18E-08	0.145	34.0		0.45	0.26	0.23	0.03	2.90	1.49	1.00

TD	THETA1	BDSLOP	BDRATO	PSISFC
47	0.240	0.00	1.00	33.0

SNAME  
Norfolk silt loam

NCURVE  
7

INRIM GH2OC  
6 0.05

<u>TSTBD</u>	<u>TSTIMP</u>
0.9	0.1
1.1	5.4
1.3	16.2
1.5	36.0
1.7	62.0
1.9	93.0

INRIM GH2OC  
6 0.07

<u>TSTBD</u>	<u>TSTIMP</u>
0.9	0.1
1.1	2.5
1.3	7.8
1.5	22.6
1.7	44.5
1.9	71.3

INRIM GH2OC  
6 0.09

<u>TSTBD</u>	<u>TSTIMP</u>
0.9	0.1
1.1	1.0
1.3	2.3
1.5	12.8
1.7	30.4
1.9	52.6

INRIM GH2OC  
6 0.11

<u>TSTBD</u>	<u>TSTIMP</u>
0.9	0.1
1.1	0.9
1.3	1.7
1.5	7.5
1.7	21.5
1.9	31.2



INRIM GH2OC

6 0.13

TSTBD TSTIMP

0.9 0.1  
1.1 0.5  
1.3 1.0  
1.5 5.6  
1.7 15.2  
1.9 29.8

INRIM GH2OC

6 0.15

TSTBD TSTIMP

0.9 0.1  
1.1 0.2  
1.3 0.5  
1.5 4.9  
1.7 13.9  
1.9 27.7

INRIM GH2OC

6 0.30

TSTBD TSTIMP

0.9 0.1  
1.1 0.2  
1.3 0.5  
1.5 0.9  
1.7 1.1  
1.9 1.3

FILENAME: AVONGRAV.CT2

SOIL PROFILE PROPERTIES FOR AVONDALE LOAM  
WITH GRAVEL LAYER (PLOTS 13-16)

IDUMSL	PEDON	TAXON									
01	-9	AVONDALE LOAM WITH GRAVEL FROM 100-130 CM DEEP.									
SALB	U	SWCON	CN2	TAV	AMP	DMOD	SWCON1	SWCON2	SWCON3	RWUMX	PHFAC3
0.14	12.00	0.32	80.00	21.8	22.2	1.0	2.67E-03	58.0	6.68	0.03	1.00

DLAYR	LL	DUL	SAT	DSW	WR	BD	OC	DNH4	DNO3	DPH
5.	0.152	0.272	0.370	0.272	1.000	1.45	0.45	0.0	20.0	7.7
5.	0.153	0.272	0.360	0.272	0.861	1.50	0.45	0.0	20.0	7.7
10.	0.159	0.279	0.360	0.279	0.741	1.52	0.45	0.0	20.0	7.7
10.	0.164	0.285	0.365	0.285	0.607	1.51	0.45	0.0	16.0	7.7
20.	0.164	0.288	0.369	0.288	0.449	1.50	0.30	0.0	13.0	8.0
20.	0.163	0.289	0.372	0.289	0.301	1.48	0.20	0.0	10.0	8.0
30.	0.159	0.285	0.371	0.285	0.183	1.48	0.10	0.0	10.0	8.0
30.	0.086	0.149	0.190	0.149	0.050	2.10	0.00	0.0	5.0	8.0
30.	0.189	0.316	0.390	0.316	0.055	1.46	0.00	0.0	10.0	8.0
30.	0.189	0.316	0.390	0.316	0.030	1.46	0.00	0.0	10.0	8.0

-1.

ROCK	SILT		SCOND		CATEXC	ALPHA	XN	VGTHS	VGTHR
SAND	CLAY								
0.0	34.6	43.9	21.5	20.0	287.0	3.380	1.184	0.384	0.043
0.0	34.6	43.9	21.5	15.0	287.0	3.380	1.184	0.371	0.042
0.0	31.4	45.9	22.8	10.0	305.0	3.380	1.184	0.366	0.041
0.0	28.1	47.9	24.0	7.0	321.0	3.380	1.184	0.369	0.041
0.0	27.4	47.7	24.9	7.2	333.0	3.380	1.184	0.371	0.042
0.0	29.1	45.7	25.3	7.3	338.0	3.380	1.184	0.376	0.042
0.0	34.4	40.6	25.1	7.3	335.0	3.380	1.184	0.376	0.042
50.0	18.1	17.6	14.4	3.7	193.0	3.380	1.184	0.190	0.021
0.0	29.4	37.5	33.0	7.3	441.0	3.380	1.184	0.381	0.043
0.0	29.4	37.5	33.0	7.3	441.0	3.380	1.184	0.381	0.043

DATAID

AVONDALE LOAM WITH GRAVEL FROM 100-130 CM DEEP.

LYRSOL

3

DIFF0	THETA0	BETA	GLAYR	THETAS	FC	THETAR	AIRDR	ETA	GBD	PSIBUB
0.18E-08	0.145	34.0	0.10E+03	0.45	0.26	0.23	0.03	2.90	1.49	1.00
0.09E-08	0.072	34.0	0.30E+02	0.22	0.13	0.11	0.015	2.90	2.10	1.00
0.18E-08	0.145	34.0	0.60E+02	0.45	0.26	0.23	0.03	2.90	1.49	1.00
0.18E-08	0.145	34.0		0.45	0.26	0.23	0.03	2.90	1.49	1.00
0.18E-08	0.145	34.0		0.45	0.26	0.23	0.03	2.90	1.49	1.00

TD	THETAI	BDSLOP	BDRATO	PSISFC
47	0.240	0.00	1.00	33.0

SNAME  
Norfolk silt loam

NCURVE  
7

INRIM GH2OC  
6 0.05

<u>TSTBD</u>	<u>TSTIMP</u>
0.9	0.1
1.1	5.4
1.3	16.2
1.5	36.0
1.7	62.0
1.9	93.0

INRIM GH2OC  
6 0.07

<u>TSTBD</u>	<u>TSTIMP</u>
0.9	0.1
1.1	2.5
1.3	7.8
1.5	22.6
1.7	44.5
1.9	71.3

INRIM GH2OC  
6 0.09

<u>TSTBD</u>	<u>TSTIMP</u>
0.9	0.1
1.1	1.0
1.3	2.3
1.5	12.8
1.7	30.4
1.9	52.6

INRIM GH2OC  
6 0.11

<u>TSTBD</u>	<u>TSTIMP</u>
0.9	0.1
1.1	0.9
1.3	1.7
1.5	7.5
1.7	21.5
1.9	31.2

INRIM GH2OC  
6      0.13

TSTBD    TSTIMP  
0.9      0.1  
1.1      0.5  
1.3      1.0  
1.5      5.6  
1.7      15.2  
1.9      29.8

INRIM GH2OC  
6      0.15

TSTBD    TSTIMP  
0.9      0.1  
1.1      0.2  
1.3      0.5  
1.5      4.9  
1.7      13.9  
1.9      27.7

INRIM GH2OC  
6      0.30

TSTBD    TSTIMP  
0.9      0.1  
1.1      0.2  
1.3      0.5  
1.5      0.9  
1.7      1.1  
1.9      1.3

FILENAME: PX088401.CT4

SOIL ORGANIC RESIDUE (ALL PLOTS)

<u>ID</u>	<u>TRTNO</u>	<u>STRAW</u>	<u>SDEP</u>	<u>SCN</u>	<u>ROOT</u>
PX088401	01	900.	20.	13.	3600.

FILENAME: PX088401.CT5

INITIAL SOIL PROFILE CONDITIONS FOR AVONDALE LOAM  
(PLOTS 01-12)

TRTNO ID  
01 PX088401

<u>DLAYR</u>	<u>SW</u>	<u>NH4</u>	<u>NO3</u>	<u>PH</u>
5.	0.250	0.0	34.0	7.7
5.	0.317	0.0	34.0	7.7
10.	0.317	0.0	34.0	7.7
10.	0.330	0.0	22.5	7.7
20.	0.295	0.0	15.0	8.0
20.	0.256	0.0	15.0	8.0
30.	0.255	0.0	15.0	8.0
30.	0.240	0.0	15.0	8.0
30.	0.268	0.0	15.0	8.0
30.	0.276	0.0	15.0	8.0

-1.

FILENAME: PX138401.CT5

INITIAL SOIL PROFILE CONDITIONS FOR AVONDALE LOAM  
WITH GRAVEL LAYER AT 100 TO 130 CM. (PLOTS 13-16)

TRTNO ID  
01 PX138401

<u>DLAYR</u>	<u>SW</u>	<u>NH4</u>	<u>NO3</u>	<u>PH</u>
5.	0.250	0.0	34.0	7.7
5.	0.317	0.0	34.0	7.7
10.	0.317	0.0	34.0	7.7
10.	0.330	0.0	22.5	7.7
20.	0.295	0.0	15.0	8.0
20.	0.256	0.0	15.0	8.0
30.	0.255	0.0	15.0	8.0
30.	0.120	0.0	7.5	8.0
30.	0.268	0.0	15.0	8.0
30.	0.276	0.0	15.0	8.0

-1.

FILENAME: PX088401.CT6

IRRIGATION OF DRY REP #1 (PLOTS 05-08)

TRTNO ID  
01 PX088401

<u>JDIRR</u>	<u>AMTIRR</u>	<u>IRRCOD</u>	<u>X1IRR</u>	<u>Z1IRR</u>	<u>X2IRR</u>	<u>Z2IRR</u>
87	230.	3	0.0	0.0	100.0	0.0
151	150.	3	0.0	0.0	100.0	0.0
165	0.	3	0.0	0.0	100.0	0.0
173	150.	3	0.0	0.0	100.0	0.0
179	0.	3	0.0	0.0	100.0	0.0
193	150.	3	0.0	0.0	100.0	0.0
207	0.	3	0.0	0.0	100.0	0.0
221	150.	3	0.0	0.0	100.0	0.0
236	0.	3	0.0	0.0	100.0	0.0
243	150.	3	0.0	0.0	100.0	0.0
250	0.	3	0.0	0.0	100.0	0.0

-1

FILENAME: PX118401.CT6

IRRIGATION OF DRY REP #2 (PLOTS 09-12)

TRTNO ID  
01 PX118401

<u>JDIRR</u>	<u>AMTIRR</u>	<u>IRRCOD</u>	<u>X1IRR</u>	<u>Z1IRR</u>	<u>X2IRR</u>	<u>Z2IRR</u>
87	230.	3	0.0	0.0	100.0	0.0
151	150.	3	0.0	0.0	100.0	0.0
165	0.	3	0.0	0.0	100.0	0.0
173	150.	3	0.0	0.0	100.0	0.0
179	0.	3	0.0	0.0	100.0	0.0
193	150.	3	0.0	0.0	100.0	0.0
207	0.	3	0.0	0.0	100.0	0.0
221	150.	3	0.0	0.0	100.0	0.0
236	0.	3	0.0	0.0	100.0	0.0
243	150.	3	0.0	0.0	100.0	0.0
250	0.	3	0.0	0.0	100.0	0.0

-1

FILENAME: PX018401.CT6

IRRIGATION OF WET REP #1 (PLOTS 01-04)

TRTNO ID

01 PX018401

<u>JDIRR</u>	<u>AMTIRR</u>	<u>IRRCOD</u>	<u>X1IRR</u>	<u>Z1IRR</u>	<u>X2IRR</u>	<u>Z2IRR</u>
87	230.	3	0.0	0.0	100.0	0.0
151	150.	3	0.0	0.0	100.0	0.0
165	149.	3	0.0	0.0	100.0	0.0
173	0.	3	0.0	0.0	100.0	0.0
179	150.	3	0.0	0.0	100.0	0.0
193	150.	3	0.0	0.0	100.0	0.0
207	150.	3	0.0	0.0	100.0	0.0
221	100.	3	0.0	0.0	100.0	0.0
236	150.	3	0.0	0.0	100.0	0.0
243	0.	3	0.0	0.0	100.0	0.0
250	150.	3	0.0	0.0	100.0	0.0

-1

FILENAME: PX138401.CT6

IRRIGATION OF WET REP #2 (PLOTS 13-16)

TRTNO ID

01 PX138401

<u>JDIRR</u>	<u>AMTIRR</u>	<u>IRRCOD</u>	<u>X1IRR</u>	<u>Z1IRR</u>	<u>X2IRR</u>	<u>Z2IRR</u>
87	230.	3	0.0	0.0	100.0	0.0
151	150.	3	0.0	0.0	100.0	0.0
165	147.	3	0.0	0.0	100.0	0.0
173	0.	3	0.0	0.0	100.0	0.0
179	148.	3	0.0	0.0	100.0	0.0
193	150.	3	0.0	0.0	100.0	0.0
207	150.	3	0.0	0.0	100.0	0.0
221	150.	3	0.0	0.0	100.0	0.0
236	150.	3	0.0	0.0	100.0	0.0
243	0.	3	0.0	0.0	100.0	0.0
250	150.	3	0.0	0.0	100.0	0.0

-1

FILENAME: PX088401.CT7

FERTILIZER MANAGEMENT (ALL PLOTS)

TRTNO ID  
01 PX088401

	FERTN	INTYPE	IPTYPE	IKTYPE	IITYPE	X1FERT	X2FERT							
JDFERT	DFERT	FERTP	FERTK	FERTIN	FERCOD	Z1FERT	Z2FERT							
96	35.3	10.0	5	0.0	0	0.0	0	0.0	0	2	0.0	0.0	100.0	10.0
163	35.3	0.0	5	0.0	0	0.0	0	0.0	0	1	0.0	0.0	100.0	0.0

-1



FILENAME: PX088401.CT8 TREATMENT MANAGEMENT FILE

ID	TRTNO	TITLE							ISOILT	IVARTY				
PX088401	01	NO CHAMBER, IRRIGATION=DRY, REP=#1							1	61				
				(ISWEED, ISWINS, ISWNEM & ISWDIS) options										
	ISOW	ROWSPC		IIRR	EFFIRR	THETAC								
ISIM	PLANTS	SDEPTH	ISWNIT	DSOIL	IMERGE									
112	107	10.00	1.016	5.00	2	1	0.95	0.00	0.0	112	0	0	0	0

HISTORY  
ALFALFA FOR THE LAST THREE YEARS

FILENAME: PX118401.CT8 TREATMENT MANAGEMENT FILE

ID	TRTNO	TITLE							ISOILT	IVARTY				
PX118401	01	NO CHAMBER, IRRIGATION=DRY, REP=#2							1	61				
				(ISWEED, ISWINS, ISWNEM & ISWDIS) options										
	ISOW	ROWSPC		IIRR	EFFIRR	THETAC								
ISIM	PLANTS	SDEPTH	ISWNIT	DSOIL	IMERGE									
112	107	10.00	1.016	5.00	2	1	0.95	0.00	0.0	112	0	0	0	0

HISTORY  
ALFALFA FOR THE LAST THREE YEARS

FILENAME: PX018401.CT8 TREATMENT MANAGEMENT FILE

ID	TRTNO	TITLE							ISOILT	IVARTY				
PX018401	01	NO CHAMBER, IRRIGATION=WET, REP=#1							1	61				
				(ISWEED, ISWINS, ISWNEM & ISWDIS) options										
	ISOW	ROWSPC		IIRR	EFFIRR	THETAC								
ISIM	PLANTS	SDEPTH	ISWNIT	DSOIL	IMERGE									
112	107	10.00	1.016	5.00	2	1	0.95	0.00	0.0	112	0	0	0	0

HISTORY  
ALFALFA FOR THE LAST THREE YEARS

FILENAME: PX138401.CT8 TREATMENT MANAGEMENT FILE

ID	TRTNO	TITLE								ISOILT	IVARTY			
PX138401	01	NO CHAMBER, IRRIGATION=WET, REP=#2								1	61			
(ISWEED, ISWINS, ISWNEM & ISWDIS) options														
ISOW	ROWSPC	IIRR	EFFIRR	THETAC										
ISIM	PLANTS	SDEPTH	ISWNIT	DSOIL	IMERGE									
112	107	10.00	1.016	5.00	2	1	0.95	0.00	0.0	112	0	0	0	0

HISTORY  
ALFALFA FOR THE LAST THREE YEARS

FILENAME: PX068401.CT8 TREATMENT MANAGEMENT FILE

ID	TRTNO	TITLE								ISOILT	IVARTY			
PX068401	01	CO2=AMBIENT, IRRIGATION=DRY, REP=#1								1	61			
(ISWEED, ISWINS, ISWNEM & ISWDIS) options														
ISOW	ROWSPC	IIRR	EFFIRR	THETAC										
ISIM	PLANTS	SDEPTH	ISWNIT	DSOIL	IMERGE									
112	107	10.00	1.016	5.00	2	1	0.95	0.00	0.0	112	0	0	0	0

HISTORY  
ALFALFA FOR THE LAST THREE YEARS

FILENAME: PX128401.CT8 TREATMENT MANAGEMENT FILE

ID	TRTNO	TITLE								ISOILT	IVARTY			
PX128401	01	CO2=AMBIENT, IRRIGATION=DRY, REP=#2								1	61			
(ISWEED, ISWINS, ISWNEM & ISWDIS) options														
ISOW	ROWSPC	IIRR	EFFIRR	THETAC										
ISIM	PLANTS	SDEPTH	ISWNIT	DSOIL	IMERGE									
112	107	10.00	1.016	5.00	2	1	0.95	0.00	0.0	112	0	0	0	0

HISTORY  
ALFALFA FOR THE LAST THREE YEARS

FILENAME: PX038401.CT8 TREATMENT MANAGEMENT FILE

<u>ID</u>	<u>TRTNO</u>	<u>TITLET</u>							<u>ISOILT</u>	<u>IVARTY</u>				
PX038401	01	CO2=AMBIENT, IRRIGATION=WET, REP=#1							1	61				
		(ISWEED, ISWINS, ISWNEM & ISWDIS) options												
		ISOW	ROWSPC		IIRR	EFFIRR	THETAC							
<u>ISIM</u>	<u>PLANTS</u>	<u>SDEPTH</u>	<u>ISWNIT</u>	<u>DSOIL</u>	<u>IMERGE</u>									
112	107	10.00	1.016	5.00	2	1	0.95	0.00	0.0	112	0	0	0	0

HISTORY  
ALFALFA FOR THE LAST THREE YEARS

FILENAME: PX148401.CT8 TREATMENT MANAGEMENT FILE

<u>ID</u>	<u>TRTNO</u>	<u>TITLET</u>							<u>ISOILT</u>	<u>IVARTY</u>				
PX148401	01	CO2=AMBIENT, IRRIGATION=WET, REP=#2							1	61				
		(ISWEED, ISWINS, ISWNEM & ISWDIS) options												
		ISOW	ROWSPC		IIRR	EFFIRR	THETAC							
<u>ISIM</u>	<u>PLANTS</u>	<u>SDEPTH</u>	<u>ISWNIT</u>	<u>DSOIL</u>	<u>IMERGE</u>									
112	107	10.00	1.016	5.00	2	1	0.95	0.00	0.0	112	0	0	0	0

HISTORY  
ALFALFA FOR THE LAST THREE YEARS

FILENAME: PX058401.CT8 TREATMENT MANAGEMENT FILE

<u>ID</u>	<u>TRTNO</u>	<u>TITLET</u>							<u>ISOILT</u>	<u>IVARTY</u>				
PX058401	01	CO2=500, IRRIGATION=DRY, REP=#1							1	61				
		(ISWEED, ISWINS, ISWNEM & ISWDIS) options												
		ISOW	ROWSPC		IIRR	EFFIRR	THETAC							
<u>ISIM</u>	<u>PLANTS</u>	<u>SDEPTH</u>	<u>ISWNIT</u>	<u>DSOIL</u>	<u>IMERGE</u>									
112	107	10.00	1.016	5.00	2	1	0.95	0.00	0.0	112	0	0	0	0

HISTORY  
ALFALFA FOR THE LAST THREE YEARS

FILENAME: PX108401.CT8 TREATMENT MANAGEMENT FILE

<u>ID</u>	<u>TRTNO</u>	<u>TITLET</u>						<u>ISOILT</u>	<u>IVARTY</u>					
PX108401	01	CO2=500, IRRIGATION=DRY, REP=#2						1	61					
		(ISWEED, ISWINS, ISWNEM & ISWDIS) options												
<u>ISOW</u>	<u>ROWSPC</u>	<u>IIRR</u>	<u>EFFIRR</u>	<u>THETAC</u>										
<u>ISIM</u>	<u>PLANTS</u>	<u>SDEPTH</u>	<u>ISWNIT</u>	<u>DSOIL</u>	<u>IMERGE</u>									
112	107	10.00	1.016	5.00	2	1	0.95	0.00	0.0	112	0	0	0	0

HISTORY  
ALFALFA FOR THE LAST THREE YERAS

FILENAME: PX028401.CT8 TREATMENT MANAGEMENT FILE

<u>ID</u>	<u>TRTNO</u>	<u>TITLET</u>						<u>ISOILT</u>	<u>IVARTY</u>					
PX028401	01	CO2=500, IRRIGATION=WET, REP=#1						1	61					
		(ISWEED, ISWINS, ISWNEM & ISWDIS) options												
<u>ISOW</u>	<u>ROWSPC</u>	<u>IIRR</u>	<u>EFFIRR</u>	<u>THETAC</u>										
<u>ISIM</u>	<u>PLANTS</u>	<u>SDEPTH</u>	<u>ISWNIT</u>	<u>DSOIL</u>	<u>IMERGE</u>									
112	107	10.00	1.016	5.00	2	1	0.95	0.00	0.0	112	0	0	0	0

HISTORY  
ALFALFA FOR THE LAST THREE YEARS

FILENAME: PX168401.CT8 TREATMENT MANAGEMENT FILE

<u>ID</u>	<u>TRTNO</u>	<u>TITLET</u>						<u>ISOILT</u>	<u>IVARTY</u>					
PX168401	01	CO2=500, IRRIGATION=WET, REP=#2						1	61					
		(ISWEED, ISWINS, ISWNEM & ISWDIS) options												
<u>ISOW</u>	<u>ROWSPC</u>	<u>IIRR</u>	<u>EFFIRR</u>	<u>THETAC</u>										
<u>ISIM</u>	<u>PLANTS</u>	<u>SDEPTH</u>	<u>ISWNIT</u>	<u>DSOIL</u>	<u>IMERGE</u>									
112	107	10.00	1.016	5.00	2	1	0.95	0.00	0.0	112	0	0	0	0

HISTORY  
ALFALFA FOR THE LAST THREE YEARS

FILENAME: PX078401.CT8 TREATMENT MANAGEMENT FILE

<u>ID</u>	<u>TRTNO</u>	<u>TITLET</u>							<u>ISOILT</u>	<u>IVARTY</u>				
PX078401	01	CO2=650, IRRIGATION=DRY, REP=#1							1	61				
				(ISWEED, ISWINS, ISWNEM & ISWDIS) options										
	<u>ISOW</u>	<u>ROWSPC</u>	<u>IIRR</u>	<u>EFFIRR</u>	<u>THETAC</u>									
<u>ISIM</u>	<u>PLANTS</u>	<u>SDEPTH</u>	<u>ISWNIT</u>	<u>DSOIL</u>	<u>IMERGE</u>									
112	107	10.00	1.016	5.00	2	1	0.95	0.00	0.0	112	0	0	0	0

HISTORY  
ALFALFA FOR THE LAST THREE YEARS

FILENAME: PX098401.CT8 TREATMENT MANAGEMENT FILE

<u>ID</u>	<u>TRTNO</u>	<u>TITLET</u>							<u>ISOILT</u>	<u>IVARTY</u>				
PX098401	01	CO2=650, IRRIGATION=DRY, REP=#2							1	61				
				(ISWEED, ISWINS, ISWNEM & ISWDIS) options										
	<u>ISOW</u>	<u>ROWSPC</u>	<u>IIRR</u>	<u>EFFIRR</u>	<u>THETAC</u>									
<u>ISIM</u>	<u>PLANTS</u>	<u>SDEPTH</u>	<u>ISWNIT</u>	<u>DSOIL</u>	<u>IMERGE</u>									
112	107	10.00	1.016	5.00	2	1	0.95	0.00	0.0	112	0	0	0	0

HISTORY  
ALFALFA FOR THE LAST THREE YEARS

FILENAME: PX048401.CT8 TREATMENT MANAGEMENT FILE

<u>ID</u>	<u>TRTNO</u>	<u>TITLET</u>							<u>ISOILT</u>	<u>IVARTY</u>				
PX048401	01	CO2=650, IRRIGATION=WET, REP=#1							1	61				
				(ISWEED, ISWINS, ISWNEM & ISWDIS) options										
	<u>ISOW</u>	<u>ROWSPC</u>	<u>IIRR</u>	<u>EFFIRR</u>	<u>THETAC</u>									
<u>ISIM</u>	<u>PLANTS</u>	<u>SDEPTH</u>	<u>ISWNIT</u>	<u>DSOIL</u>	<u>IMERGE</u>									
112	107	10.00	1.016	5.00	2	1	0.95	0.00	0.0	112	0	0	0	0

HISTORY  
ALFALFA FOR THE LAST THREE YEARS

FILENAME: PX158401.CT8

TREATMENT MANAGEMENT FILE

<u>ID</u>	<u>TRTNO</u>	<u>TITLET</u>	<u>ISOILT</u>	<u>IVARTY</u>										
PX158401	01	CO2-650, IRRIGATION-WET, REP=#2	1	61										
					(ISWEED, ISWINS, ISWNEM & ISWDIS) options									
					ISOW	ROWSPC	IIRR	EFFIRR	THETAC					
<u>ISIM</u>	<u>PLANTS</u>	<u>SDEPTH</u>	<u>ISWNIT</u>	<u>DSOIL</u>	<u>IMERGE</u>									
112	107	10.00	1.016	5.00	2	1	0.95	0.00	0.0	112	0	0	0	0

HISTORY

ALFALFA FOR THE LAST THREE YEARS

FILENAME: PX088401.CTA

FINAL HARVEST DATA FILE (NO CHAMBER, DRY, REP #1)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX088401	01	1691.	2782.	0.0927	100.	37.	4.1	10686.	-9.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX118401.CTA

FINAL HARVEST DATA FILE (NO CHAMBER, DRY, REP #2)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX118401	01	2066.	3217.	0.0858	145.	26.	4.1	12169.	-9.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX018401.CTA

FINAL HARVEST DATA FILE (NO CHAMBER, WET, REP #1)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX018401	01	1355.	2248.	0.0955	88.	27.	5.2	9054.	-9.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX138401.CTA

FINAL HARVEST DATA FILE (NO CHAMBER, WET, REP #2)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX138401	01	2012.	3145.	0.0886	119.	30.	3.6	12241.	-9.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX068401.CTA

FINAL HARVEST DATA FILE (AMBIENT, DRY, REP #1)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX068401	01	1725.	2952.	0.0968	112.	28.	4.8	10330.	-9.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX128401.CTA

FINAL HARVEST DATA FILE (AMBIENT, DRY, REP #2)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX128401	01	2186.	3670.	0.0975	141.	27.	5.3	13473.	-9.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX038401.CTA

FINAL HARVEST DATA FILE (AMBIENT, WET, REP #1)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX038401	01	1673.	2795.	0.0935	110.	28.	7.3	12518.	-9.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX148401.CTA

FINAL HARVEST DATA FILE (AMBIENT, WET, REP #2)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX148401	01	2171.	3655.	0.1001	132.	28.	5.6	15288.	-9.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0



FILENAME: PX058401.CTA

FINAL HARVEST DATA FILE (CO2=500, DRY, REP #1)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX058401	01	2516.	3943.	0.1042	158.	25.	5.4	13450.	-9.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX108401.CTA

FINAL HARVEST DATA FILE (CO2=500, DRY, REP #2)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX108401	01	2637.	4557.	0.1012	165.	28.	4.7	15665.	-9.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX028401.CTA

FINAL HARVEST DATA FILE (CO2=500, WET, REP #1)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX028401	01	2647.	4305.	0.0939	176.	26.	5.7	19790.	-9.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX168401.CTA

FINAL HARVEST DATA FILE (CO2=500, WET, REP #2)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX168401	01	3002.	4866.	0.0973	181.	28.	8.8	22116.	-9.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX078401.CTA

FINAL HARVEST DATA FILE (CO2=650, DRY, REP #1)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX078401	01	3517.	6333.	0.1001	221.	29.	7.5	20193.	-9.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX098401.CTA

FINAL HARVEST DATA FILE (CO2=650, DRY, REP #2)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX098401	01	3415.	5352.	0.0956	214.	27.	5.1	18190.	-9.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX048401.CTA

FINAL HARVEST DATA FILE (CO2=650, WET, REP #1)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX048401	01	3781.	6616.	0.1048	215.	30.	10.7	27004.	-9.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX158401.CTA

FINAL HARVEST DATA FILE (CO2=650, WET, REP #2)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX158401	01	3615.	5996.	0.1011	198.	30.	10.1	27486.	-9.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX088401.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(NO CHAMBER, DRY, REP #1)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX088401 01 112 150 178

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

JDOY	XPLTHT	XLAI	JNNODM	JNFLWM	JNMBLM	JNABSM	XWLEFH	XWSTMH	XWROTH	XWGBLH	XWMBLH		
156	19.	0.34	117	43	0	0	27	247.	108.	-9.	0.	0.	
163	34.	0.77	130	70	0	0	63	496.	290.	-9.	0.	0.	
170	38.	1.29	153	103	1	3	0	140	1002.	704.	-9.	0.	
177	47.	1.73	173	200	2	0	0	133	996.	744.	-9.	19.	
184	61.	2.59	200	277	4	17	0	147	1410.	763.	-9.	128.	
191	67.	3.43	220	357	10	70	0	227	2294.	2089.	-9.	882.	
198	54.	2.66	177	113	10	113	0	167	1484.	1187.	-9.	1496.	
214	79.	3.88	253	47	1	170	7	333	2231.	1823.	-9.	3280.	
233	77.	4.06	283	93	1	90	53	317	3055.	2240.	-9.	3775.	
290	77.	-9.00	-9	-9	-9	-9	106	-9	-9.	-9.	1160.	-9.	4750.

-1

FILENAME: PX118401.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(NO CHAMBER, DRY, REP #2)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX118401 01 112 150 178

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

JDOY	XPLTHT	XLAI	JNNODM	JNFLWM	JNMBLM	JNABSM	XWLEFH	XWSTMH	XWROTH	XWGBLH	XWMBLH		
156	21.	0.36	100	57	0	0	17	254.	116.	-9.	0.	0.	
163	36.	1.40	153	153	0	0	0	83	861.	541.	-9.	0.	
170	37.	1.48	153	167	2	0	0	90	906.	686.	-9.	0.	
177	48.	1.53	170	243	5	17	0	90	930.	569.	-9.	70.	
184	58.	2.35	203	293	3	20	0	147	1480.	1076.	-9.	126.	
191	61.	2.99	217	257	11	73	0	190	1888.	1571.	-9.	1223.	
198	71.	3.59	240	123	5	120	0	223	1977.	1749.	-9.	1549.	
214	74.	3.71	250	53	1	100	7	407	2308.	1990.	-9.	3586.	
233	69.	4.14	250	23	0	263	57	257	2935.	2428.	-9.	3745.	
290	69.	-9.00	-9	-9	-9	-9	145	-9	-9.	-9.	1200.	-9.	6377.

-1

FILENAME: PX018401.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(NO CHAMBER, WET, REP #1)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX018401 01 112 145 175

NOVAR  
13 1 2 3 4 5 6 7 8 9 10 11 12 13

	XPLTHT	JNNODM	JNFLWM	JNMBLM	XWLEFH	XWROTH	XWMBLH
JDOY	XLAI	JNSQRM	JNGBLM	JNABSM	XWSTMH	XWGBLH	
156	26.	0.58	133 103	0 0 0	43 396.	203.	-9. 0. 0.
163	27.	0.66	140 71	0 0 0	50 429.	219.	-9. 0. 0.
170	36.	0.88	150 107	1 0 0	47 532.	401.	-9. 0. 0.
177	50.	2.07	190 287	3 10 0	137 1314.	1213.	-9. 77. 0.
184	57.	2.58	210 357	7 30 0	133 1631.	1329.	-9. 258. 0.
191	55.	2.11	200 310	9 17 0	57 1290.	873.	-9. 30. 0.
198	65.	4.14	220 303	4 197 0	183 2292.	2310.	-9. 2056. 0.
214	80.	4.77	260 50	1 187 3	460 3696.	2749.	-9. 4694. 174.
233	77.	5.21	180 150	0 87 97	433 3652.	3295.	-9. 4813. 4813.
290	77.	-9.00	-9 -9 -9 -9	88 -9	-9. -9.	800.	-9. 3579.

-1

FILENAME: PX138401.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(NO CHAMBER, WET, REP #2)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX138401 01 112 145 175

NOVAR  
13 1 2 3 4 5 6 7 8 9 10 11 12 13

	XPLTHT	JNNODM	JNFLWM	JNMBLM	XWLEFH	XWROTH	XWMBLH
JDOY	XLAI	JNSQRM	JNGBLM	JNABSM	XWSTMH	XWGBLH	
156	27.	0.59	120 73	0 0 0	53 379.	198.	-9. 0. 0.
163	34.	0.90	143 87	0 0 0	63 525.	336.	-9. 0. 0.
170	42.	1.33	163 143	4 3 0	100 1008.	656.	-9. 0. 0.
177	54.	2.66	187 267	7 33 0	163 1742.	1346.	-9. 258. 0.
184	56.	2.49	203 310	6 77 0	97 1573.	1303.	-9. 735. 0.
191	60.	2.80	210 193	11 100 0	157 1969.	1638.	-9. 1202. 0.
198	65.	2.48	210 133	1 93 0	203 1596.	1236.	-9. 1271. 0.
214	68.	3.47	260 93	0 100 10	303 2233.	1712.	-9. 3077. 559.
233	70.	3.59	247 193	1 110 67	320 2985.	2891.	-9. 1460. 3203.
290	70.	-9.00	-9 -9 -9 -9	119 -9	-9. -9.	1130.	-9. 5254.

-1

FILENAME: PX068401.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(AMBIENT, DRY, REP #1)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX068401 01 112 152 178

NOVAR  
13 1 2 3 4 5 6 7 8 9 10 11 12 13

JDOY	XPLTHT			JNNODM		JNFLWM		JNMBLM		XWLEFH		XWROTH		XWMBLH
	XLAI	JNSORM	JNGBLM	JNABSM	XWSTMH	XWGBLH								
156	17.	0.33	117	50	0	0	0	17	214.	76.	-9.	0.	0.	
163	30.	0.83	147	100	0	0	0	83	496.	284.	-9.	0.	0.	
170	25.	0.50	147	40	0	0	0	83	342.	210.	-9.	0.	0.	
177	43.	0.92	173	90	1	7	0	60	500.	261.	-9.	70.	0.	
184	46.	2.08	203	317	5	23	0	117	1130.	656.	-9.	82.	0.	
191	56.	1.95	217	280	4	30	0	127	1225.	918.	-9.	321.	0.	
198	62.	2.64	227	280	9	60	0	147	1474.	1183.	-9.	428.	0.	
214	74.	4.18	280	170	4	97	13	217	1870.	1539.	-9.	5244.	536.	
233	82.	4.84	297	137	1	210	33	340	3120.	3056.	-9.	6300.	1830.	
290	82.	-9.00	-9	-9	-9	-9	112	-9	-9.	-9.	1050.	-9.	4765.	

-1

FILENAME: PX128401.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(AMBIENT, DRY, REP #2)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX128401 01 112 152 178

NOVAR  
13 1 2 3 4 5 6 7 8 9 10 11 12 13

JDOY	XPLTHT			JNNODM		JNFLWM		JNMBLM		XWLEFH		XWROTH		XWMBLH
	XLAI	JNSORM	JNGBLM	JNABSM	XWSTMH	XWGBLH								
156	14.	0.26	103	23	0	0	0	7	169.	50.	-9.	0.	0.	
163	30.	1.14	150	123	0	0	0	70	668.	402.	-9.	0.	0.	
170	30.	1.08	160	107	0	3	0	117	670.	420.	-9.	0.	0.	
177	34.	1.16	180	197	2	0	0	80	805.	390.	-9.	19.	0.	
184	57.	2.52	200	287	3	7	0	80	1429.	791.	-9.	59.	0.	
191	63.	3.02	237	350	8	43	0	183	2009.	1548.	-9.	450.	0.	
198	67.	3.31	217	246	6	87	0	143	1647.	1299.	-9.	590.	0.	
214	76.	4.08	253	273	3	53	0	117	1966.	1695.	-9.	463.	0.	
233	78.	5.27	287	83	1	163	30	513	3433.	2865.	-9.	6258.	1366.	
290	78.	-9.00	-9	-9	-9	-9	141	-9	-9.	-9.	1100.	-9.	5935.	

-1

FILENAME: PX038401.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(AMBIENT, WET, REP #1)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX038401 01 112 152 178

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

JDOY	XPLTHT	XLAI	JNNODM	JNSORM	JNFLWM	JNGBLM	JNMBLM	JNABSM	XWLEFH	XWSTMH	XWROTH	XWGBLH	XWMBLH
156	16.	0.29	107	23	0	0	0	23	168.	66.	-9.	0.	0.
163	26.	0.84	143	50	0	0	0	60	452.	222.	-9.	0.	0.
170	27.	0.69	137	90	0	0	0	50	358.	207.	-9.	0.	0.
177	44.	1.78	173	243	0	10	0	90	948.	565.	-9.	23.	0.
184	62.	2.76	213	403	2	13	0	137	1500.	1063.	-9.	68.	0.
191	79.	2.85	233	367	8	40	0	73	1664.	1345.	-9.	125.	0.
198	70.	2.66	223	280	6	47	0	133	1253.	1184.	-9.	88.	0.
214	90.	7.26	253	157	6	187	0	347	3120.	3223.	-9.	4095.	0.
233	109.	5.95	293	80	0	300	7	303	3998.	4204.	-9.	7575.	409.
290	109.	-9.00	-9	-9	-9	-9	110	-9	-9.	-9.	1140.	-9.	4539.

-1

FILENAME: PX148401.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(AMBIENT, WET, REP #2)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX148401 01 112 152 178

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

JDOY	XPLTHT	XLAI	JNNODM	JNSORM	JNFLWM	JNGBLM	JNMBLM	JNABSM	XWLEFH	XWSTMH	XWROTH	XWGBLH	XWMBLH
156	18.	0.32	113	37	0	0	0	27	218.	81.	-9.	0.	0.
163	31.	0.87	137	80	0	0	0	66	439.	242.	-9.	0.	0.
170	34.	1.44	180	160	0	0	0	157	900.	566.	-9.	0.	0.
177	47.	2.01	187	267	3	13	0	157	1273.	824.	-9.	42.	0.
184	63.	2.91	217	423	5	3	0	143	1561.	1387.	-9.	10.	0.
191	72.	3.81	237	400	15	80	0	183	2312.	2189.	-9.	657.	0.
198	79.	4.16	253	357	5	70	0	190	2050.	1977.	-9.	410.	0.
214	92.	5.62	270	240	2	170	3	347	3219.	3362.	-9.	2848.	217.
233	99.	5.41	273	77	3	263	13	360	3514.	3740.	-9.	6164.	649.
290	99.	-9.00	-9	-9	-9	-9	132	-9	-9.	-9.	1370.	-9.	5920.

-1

FILENAME: PX058401.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(CO2=500, DRY, REP #1)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX058401 01 112 150 178

NOVAR  
13 1 2 3 4 5 6 7 8 9 10 11 12 13

	XPLTHT	JNNODM	JNFLWM	JNMBLM	XWLEFH	XWROTH	XWMBLH						
JDOY	XLAI	JNSORM	JNGBLM	JNABSM	XWSTMH	XWGBLH							
156	25.	0.51	133	63	0	0	0	47	354.	182.	-9.	0.	0.
163	23.	0.65	127	80	0	0	0	30	376.	207.	-9.	0.	0.
170	21.	0.47	140	67	0	0	0	57	422.	205.	-9.	0.	0.
177	60.	2.03	173	173	1	7	0	80	1158.	481.	-9.	17.	0.
184	63.	2.85	227	503	5	33	0	260	1752.	1483.	-9.	186.	0.
191	52.	1.84	210	363	14	57	0	110	1388.	1345.	-9.	543.	0.
198	53.	4.00	213	320	6	70	0	143	2605.	1281.	-9.	230.	0.
214	89.	5.39	283	377	3	113	10	430	3036.	3521.	-9.	2635.	522.
233	89.	4.67	293	217	4	307	0	480	3385.	3795.	-9.	4515.	0.
290	89.	-9.00	-9	-9	-9	-9	158	-9	-9.	-9.	1250.	-9.	6836.

-1

FILENAME: PX108401.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(CO2=500, DRY, REP #2)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX108401 01 112 150 178

NOVAR  
13 1 2 3 4 5 6 7 8 9 10 11 12 13

	XPLTHT	JNNODM	JNFLWM	JNMBLM	XWLEFH	XWROTH	XWMBLH						
JDOY	XLAI	JNSORM	JNGBLM	JNABSM	XWSTMH	XWGBLH							
156	29.	0.68	133	50	0	0	0	67	510.	237.	-9.	0.	0.
163	36.	1.34	147	100	0	0	0	130	838.	521.	-9.	0.	0.
170	51.	1.10	173	127	1	0	0	193	814.	705.	-9.	0.	0.
177	52.	1.98	190	250	1	13	0	143	1286.	956.	-9.	35.	0.
184	70.	3.39	220	550	7	43	0	240	2187.	2086.	-9.	409.	0.
191	81.	4.24	233	640	18	63	0	220	2734.	2857.	-9.	399.	0.
198	84.	4.31	243	447	9	120	0	283	2147.	2604.	-9.	395.	0.
214	103.	4.58	240	320	6	173	0	427	3299.	3946.	-9.	3467.	0.
233	85.	4.71	250	47	0	190	7	720	3565.	3966.	-9.	8047.	359.
290	85.	-9.00	-9	-9	-9	-9	165	-9	-9.	-9.	1600.	-9.	7309.

-1

FILENAME: PX028401.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(CO2=500, WET, REP #1)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX028401 01 112 150 182

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

JDOY	XPLTHT	XLAI	JNNODM	JNSQRM	JNFLWM	JNGBLM	JNMBLM	JNABSM	XWLEFH	XWSTMH	XWROTH	XWGBLH	XWMBLH
156	21.	0.49	133	47	0	0	0	20	351.	153.	-9.	0.	0.
163	36.	1.40	160	103	0	0	0	100	811.	508.	-9.	0.	0.
170	35.	1.05	173	167	0	0	0	133	804.	459.	-9.	0.	0.
177	47.	1.28	183	217	1	0	0	93	740.	671.	-9.	258.	0.
184	76.	3.02	207	377	10	17	0	133	1611.	1544.	-9.	58.	0.
191	79.	4.39	227	677	16	80	0	217	2660.	3087.	-9.	305.	0.
198	80.	3.20	220	320	11	60	0	123	1630.	1880.	-9.	348.	0.
214	100.	4.04	250	227	6	153	0	207	2674.	2501.	-9.	2395.	0.
233	103.	5.72	293	77	3	233	23	647	3808.	5310.	-9.	7300.	1414.
290	104.	-9.00	-9	-9	-9	-9	176	-9	-9.	-9.	1800.	-9.	7050.

-1

FILENAME: PX168401.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(CO2=500, WET, REP #2)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX168401 01 112 150 182

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

JDOY	XPLTHT	XLAI	JNNODM	JNSQRM	JNFLWM	JNGBLM	JNMBLM	JNABSM	XWLEFH	XWSTMH	XWROTH	XWGBLH	XWMBLH
156	30.	0.72	130	77	0	0	0	63	546.	269.	-9.	0.	0.
163	39.	1.46	160	173	0	0	0	130	861.	555.	-9.	0.	0.
170	56.	1.80	187	220	0	0	0	187	1331.	950.	-9.	0.	0.
177	71.	3.43	210	347	0	0	0	137	2047.	1741.	-9.	19.	0.
184	93.	4.44	237	230	3	20	0	297	2815.	2710.	-9.	57.	0.
191	85.	5.49	217	540	16	67	0	187	2758.	2548.	-9.	293.	0.
198	104.	8.79	260	603	6	190	0	447	3890.	5044.	-9.	795.	0.
214	123.	6.53	283	160	5	257	0	407	3901.	5470.	-9.	5693.	0.
233	108.	7.28	250	23	2	357	80	483	5094.	6444.	-9.	9609.	3474.
290	108.	-9.00	-9	-9	-9	-9	181	-9	-9.	-9.	1800.	-9.	8008.

-1



FILENAME: PX078401.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(CO2=650, DRY, REP #1)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX078401 01 112 150 175

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

JDOY	XPLTHT	XLAI	JNNODM	JNFLWM	JNMBLM	JNABSM	XWLEFH	XWSTMH	XWROTH	XWGBLH	XWMBLH		
156	18.	0.35	100	30	0	0	20	360.	118.	-9.	0.	0.	
163	33.	0.88	143	63	0	0	67	513.	312.	-9.	0.	0.	
170	33.	0.84	157	113	0	0	93	759.	477.	-9.	0.	0.	
177	46.	2.17	197	420	1	23	0	167	1251.	1379.	-9.	70.	0.
184	63.	3.78	207	737	5	13	0	180	2307.	2280.	-9.	82.	0.
191	73.	4.08	237	690	18	70	0	213	3006.	3051.	-9.	321.	0.
198	82.	4.62	253	627	17	133	0	280	2666.	3209.	-9.	428.	0.
214	103.	7.49	267	433	10	287	3	367	4205.	5121.	-9.	5244.	183.
233	104.	6.75	280	150	2	273	0	323	4227.	4720.	-9.	6300.	0.
290	104.	-9.00	-9	-9	-9	-9	221	-9	-9.	-9.	2030.	-9.	9992.

-1

FILENAME: PX098401.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(CO2=650, DRY, REP #2)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX098401 01 112 150 175

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

JDOY	XPLTHT	XLAI	JNNODM	JNFLWM	JNMBLM	JNABSM	XWLEFH	XWSTMH	XWROTH	XWGBLH	XWMBLH		
156	32.	0.87	137	107	0	0	73	588.	293.	-9.	0.	0.	
163	36.	1.15	153	143	0	0	100	710.	494.	-9.	0.	0.	
170	47.	1.71	177	253	2	0	0	207	1480.	1136.	-9.	0.	0.
177	68.	2.89	203	437	9	43	0	137	1916.	1783.	-9.	166.	0.
184	69.	2.54	220	447	11	80	0	193	1752.	2353.	-9.	791.	0.
191	73.	3.01	223	430	16	47	0	187	2013.	2064.	-9.	330.	0.
198	74.	1.94	250	563	7	120	0	393	1281.	3217.	-9.	227.	0.
214	94.	4.94	263	237	2	227	7	553	4132.	4680.	-9.	7000.	359.
233	96.	5.11	297	237	11	207	40	540	4095.	5177.	-9.	5457.	2106.
290	97.	-9.00	-9	-9	-9	-9	214	-9	-9.	-9.	1460.	-9.	8908.

-1

FILENAME: PX048401.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(CO2=650, WET, REP #1)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX048401 01 112 152 178

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

	XPLTHT	JNNODM	JNFLWM	JNMBLM	XWLEFH	XWROTH	XWMBLH						
JDOY	XLAI	JNSORM	JNGBLM	JNABSM	XWSTMH	XWGBLH							
156	10.	0.19	87	20	0	0	0	7	167.	41.	-9.	0.	0.
163	30.	0.89	137	93	0	0	0	73	519.	320.	-9.	0.	0.
170	40.	1.34	167	137	0	0	0	67	1121.	633.	-9.	0.	0.
177	63.	3.35	200	557	1	7	0	147	2038.	2051.	-9.	19.	0.
184	72.	3.88	203	640	2	17	0	233	2741.	2414.	-9.	63.	0.
191	75.	4.47	223	607	15	73	0	153	2747.	3197.	-9.	247.	0.
198	84.	6.30	253	633	16	147	0	333	3355.	4367.	-9.	1087.	0.
214	102.	9.65	260	313	10	377	3	660	4873.	6706.	-9.	6845.	79.
233	108.	10.74	237	183	3	507	3	487	6258.	7975.	-9.	9900.	222.
290	108.	-9.00	-9	-9	-9	-9	215	-9	-9.	-9.	2100.	-9.	10531.

-1

FILENAME: PX158401.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(CO2=650, WET, REP #2)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX158401 01 112 152 178

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

	XPLTHT	JNNODM	JNFLWM	JNMBLM	XWLEFH	XWROTH	XWMBLH						
JDOY	XLAI	JNSORM	JNGBLM	JNABSM	XWSTMH	XWGBLH							
156	24.	0.57	120	50	0	0	0	27	452.	180.	-9.	0.	0.
163	41.	1.14	163	83	0	0	0	113	667.	462.	-9.	0.	0.
170	51.	2.00	177	163	0	0	0	233	1804.	1192.	-9.	0.	0.
177	76.	4.78	210	547	1	30	0	263	3297.	2513.	-9.	189.	0.
184	94.	5.57	227	277	8	17	0	203	2965.	3668.	-9.	57.	0.
191	104.	4.56	237	623	24	60	0	180	2836.	3403.	-9.	158.	0.
198	89.	8.23	270	147	7	50	0	223	1325.	1515.	-9.	814.	0.
214	123.	7.83	283	283	7	363	3	420	5069.	7352.	-9.	6617.	191.
233	115.	10.06	267	147	1	437	63	690	5735.	9544.	-9.	9975.	4077.
290	115.	-9.00	-9	-9	-9	-9	198	-9	-9.	-9.	1980.	-9.	8879.

-1

1985 DATA

FILENAME: CTEXP85.DIR

EXPERIMENT FILE DIRECTORY FOR 1985

EXPID , EXPERIMENT DESCRIPTION, WEATHER FILE, SOIL FILE,  
SOIL NITR., INITIAL SOIL, IRRIGATION, NITR. FERT, CROP MANAGMENT, GENETICS,  
FINAL HARVEST, INTER GROWTH, OUTPUT 1, OUTPUT 2, OUTPUT 3, OUTPUT 4

PX088501 1985, CO2=NO CHAMBER,IRG=DRY,REP=1 PX080407.W85 AVONDALE.CT2  
PX088501.CT4 PX088501.CT5 PX088501.CT6 PX088501.CT7 PX088501.CT8 GENETICS.CT9  
PX088501.CTA PX088501.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX118501 1985, CO2=NO CHAMBER,IRG=DRY,REP=2 PX110407.W85 AVONDALE.CT2  
PX088501.CT4 PX088501.CT5 PX118501.CT6 PX088501.CT7 PX118501.CT8 GENETICS.CT9  
PX118501.CTA PX118501.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX018501 1985, CO2=NO CHAMBER,IRG=WET,REP=1 PX010407.W85 AVONDALE.CT2  
PX088501.CT4 PX088501.CT5 PX018501.CT6 PX088501.CT7 PX018501.CT8 GENETICS.CT9  
PX018501.CTA PX018501.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX138501 1985, CO2=NO CHAMBER,IRG=WET,REP=2 PX130407.W85 AVONGRAV.CT2  
PX088501.CT4 PX138501.CT5 PX138501.CT6 PX088501.CT7 PX138501.CT8 GENETICS.CT9  
PX138501.CTA PX138501.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX068501 1985, CO2=AMBIENT,IRG=DRY,REP=1 PX060407.W85 AVONDALE.CT2  
PX088501.CT4 PX088501.CT5 PX088501.CT6 PX088501.CT7 PX068501.CT8 GENETICS.CT9  
PX068501.CTA PX068501.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX128501 1985, CO2=AMBIENT,IRG=DRY,REP=2 PX120407.W85 AVONDALE.CT2  
PX088501.CT4 PX088501.CT5 PX118501.CT6 PX088501.CT7 PX128501.CT8 GENETICS.CT9  
PX128501.CTA PX128501.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX038501 1985, CO2=AMBIENT,IRG=WET,REP=1 PX030407.W85 AVONDALE.CT2  
PX088501.CT4 PX088501.CT5 PX018501.CT6 PX088501.CT7 PX038501.CT8 GENETICS.CT9  
PX038501.CTA PX038501.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX148501 1985, CO2=AMBIENT,IRG=WET,REP=2 PX140407.W85 AVONGRAV.CT2  
PX088501.CT4 PX138501.CT5 PX138501.CT6 PX088501.CT7 PX148501.CT8 GENETICS.CT9  
PX148501.CTA PX148501.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX058501 1985, CO2= 500,IRG=DRY,REP=1 PX050407.W85 AVONDALE.CT2  
PX088501.CT4 PX088501.CT5 PX088501.CT6 PX088501.CT7 PX058501.CT8 GENETICS.CT9  
PX058501.CTA PX058501.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX108501 1985, CO2= 500,IRG=DRY,REP=2 PX100407.W85 AVONDALE.CT2  
PX088501.CT4 PX088501.CT5 PX118501.CT6 PX088501.CT7 PX108501.CT8 GENETICS.CT9  
PX108501.CTA PX108501.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX028501 1985, CO2= 500, IRG=WET, REP=1 PX020407.W85 AVONDALE.CT2  
 PX088501.CT4 PX088501.CT5 PX018501.CT6 PX088501.CT7 PX028501.CT8 GENETICS.CT9  
 PX028501.CTA PX028501.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX168501 1985, CO2= 500, IRG=WET, REP=2 PX160407.W85 AVONGRAV.CT2  
 PX088501.CT4 PX138501.CT5 PX138501.CT6 PX088501.CT7 PX168501.CT8 GENETICS.CT9  
 PX168501.CTA PX168501.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX078501 1985, CO2= 650, IRG=DRY, REP=1 PX070407.W85 AVONDALE.CT2  
 PX088501.CT4 PX088501.CT5 PX088501.CT6 PX088501.CT7 PX078501.CT8 GENETICS.CT9  
 PX078501.CTA PX078501.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX098501 1985, CO2= 650, IRG=DRY, REP=2 PX090407.W85 AVONDALE.CT2  
 PX088501.CT4 PX088501.CT5 PX118501.CT6 PX088501.CT7 PX098501.CT8 GENETICS.CT9  
 PX098501.CTA PX098501.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX048501 1985, CO2= 650, IRG=WET, REP=1 PX040407.W85 AVONDALE.CT2  
 PX088501.CT4 PX088501.CT5 PX018501.CT6 PX088501.CT7 PX048501.CT8 GENETICS.CT9  
 PX048501.CTA PX048501.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX158501 1985, CO2= 650, IRG=WET, REP=2 PX150407.W85 AVONGRAV.CT2  
 PX088501.CT4 PX138501.CT5 PX138501.CT6 PX088501.CT7 PX158501.CT8 GENETICS.CT9  
 PX158501.CTA PX158501.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

FILENAME: WTH85.DIR

WEATHER FILE DIRECTORY FOR 1985

WTHID	WEATHER STATION DESCRIPTION	BEGDATE	ENDDATE	WEATHER FILE
PX08	PHOENIX, AZ, CO2=NO CHAMBER, IRG=DRY, REP=1	04/04/85	10/02/85	PX080407.W85
PX11	PHOENIX, AZ, CO2=NO CHAMBER, IRG=DRY, REP=2	04/04/85	10/02/85	PX110407.W85
PX01	PHOENIX, AZ, CO2=NO CHAMBER, IRG=WET, REP=1	04/04/85	10/02/85	PX010407.W85
PX13	PHOENIX, AZ, CO2=NO CHAMBER, IRG=WET, REP=2	04/04/85	10/02/85	PX130407.W85
PX06	PHOENIX, AZ, CO2=AMBIENT, IRG=DRY, REP=1	04/04/85	10/02/85	PX060407.W85
PX12	PHOENIX, AZ, CO2=AMBIENT, IRG=DRY, REP=2	04/04/85	10/02/85	PX120407.W85
PX03	PHOENIX, AZ, CO2=AMBIENT, IRG=WET, REP=1	04/04/85	10/02/85	PX030407.W85
PX14	PHOENIX, AZ, CO2=AMBIENT, IRG=WET, REP=2	04/04/85	10/02/85	PX140407.W85
PX05	PHOENIX, AZ, CO2= 500, IRG=DRY, REP=1	04/04/85	10/02/85	PX050407.W85
PX10	PHOENIX, AZ, CO2= 500, IRG=DRY, REP=2	04/04/85	10/02/85	PX100407.W85
PX02	PHOENIX, AZ, CO2= 500, IRG=WET, REP=1	04/04/85	10/02/85	PX020407.W85
PX16	PHOENIX, AZ, CO2= 500, IRG=WET, REP=2	04/04/85	10/02/85	PX160407.W85
PX07	PHOENIX, AZ, CO2= 650, IRG=DRY, REP=1	04/04/85	10/02/85	PX070407.W85
PX09	PHOENIX, AZ, CO2= 650, IRG=DRY, REP=2	04/04/85	10/02/85	PX090407.W85
PX04	PHOENIX, AZ, CO2= 650, IRG=WET, REP=1	04/04/85	10/02/85	PX040407.W85
PX15	PHOENIX, AZ, CO2= 650, IRG=WET, REP=2	04/04/85	10/02/85	PX150407.W85

FILENAME: PX080407.W85

WEATHER DATA FOR NO CHAMBER, IRRIGATION=DRY, REP=#1

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC     ↓     CO2YR WINDYR  
 PX08 33.40 112.00 2.30 0 1 1 0 1 350 0.0

	IYR	SOLRAD	XTMIN	XPAR	DEWPT	STMIN	A00
<u>INSTW</u>	<u>JUL</u>	<u>XTMAX</u>	<u>XRAIN</u>	<u>WIND</u>	<u>STMAX</u>	<u>CO2</u>	
PX08	85	94	26.21	32.0	12.2	0.0	0.00 164.2 2.1 0.0 0.0 350 04-Apr
PX08	85	95	26.37	29.1	11.0	0.0	0.00 276.5 1.3 0.0 0.0 350 05-Apr
PX08	85	96	25.00	30.6	12.4	0.0	0.00 164.2 -3.3 0.0 0.0 350 06-Apr
PX08	85	97	27.14	34.6	13.8	0.0	0.00 276.5 -5.0 0.0 0.0 350 07-Apr
PX08	85	98	24.85	35.7	15.1	0.0	0.00 164.2 -6.0 0.0 0.0 350 08-Apr
PX08	85	99	26.51	33.5	17.2	0.0	0.00 236.5 -1.2 0.0 0.0 350 09-Apr
PX08	85	100	26.91	33.2	17.4	0.0	0.00 150.6 3.2 0.0 0.0 350 10-Apr
PX08	85	101	27.91	34.3	13.5	0.0	0.00 152.3 6.1 0.0 0.0 350 11-Apr
PX08	85	102	27.79	34.8	12.9	0.0	0.00 141.9 6.4 0.0 0.0 350 12-Apr
PX08	85	103	25.67	33.2	13.1	0.0	0.00 131.4 5.9 0.0 0.0 350 13-Apr
PX08	85	104	24.98	24.8	12.4	0.0	0.00 160.9 2.5 0.0 0.0 350 14-Apr
PX08	85	105	24.60	30.2	11.9	0.0	0.00 178.8 0.2 0.0 0.0 350 15-Apr
PX08	85	106	23.42	36.5	18.1	0.0	0.00 164.2 -0.0 0.0 0.0 350 16-Apr
PX08	85	107	24.54	34.4	22.0	0.0	0.00 276.5 1.1 0.0 0.0 350 17-Apr
PX08	85	108	25.31	26.6	13.6	0.0	0.00 250.6 1.7 0.0 0.0 350 18-Apr
PX08	85	109	28.01	29.5	11.6	0.0	0.00 112.3 4.5 0.0 0.0 350 19-Apr
PX08	85	110	21.55	29.7	13.6	0.0	0.00 241.9 3.0 0.0 0.0 350 20-Apr
PX08	85	111	12.79	25.9	16.3	0.0	0.00 181.4 2.1 0.0 0.0 350 21-Apr
PX08	85	112	27.99	28.2	12.2	0.0	0.00 120.9 2.9 0.0 0.0 350 22-Apr
PX08	85	113	29.60	32.6	15.2	0.0	0.00 78.8 1.1 0.0 0.0 350 23-Apr
PX08	85	114	29.00	34.9	14.3	0.0	0.00 105.4 3.2 0.0 0.0 350 24-Apr
PX08	85	115	29.60	31.4	17.8	0.0	0.00 228.7 1.5 0.0 0.0 350 25-Apr
PX08	85	116	22.60	21.5	12.6	0.0	0.00 204.4 0.9 0.0 0.0 350 26-Apr
PX08	85	117	12.50	24.0	11.4	0.0	0.00 128.8 8.2 0.0 0.0 350 27-Apr
PX08	85	118	21.50	23.6	13.1	3.0	0.00 86.8 9.3 0.0 0.0 350 28-Apr
PX08	85	119	29.20	30.4	11.5	0.0	0.00 87.8 8.6 0.0 0.0 350 29-Apr
PX08	85	120	27.80	37.1	16.8	0.0	0.00 88.5 10.0 0.0 0.0 350 30-Apr
PX08	85	121	27.80	40.2	20.3	0.0	0.00 141.0 9.5 0.0 0.0 350 01-May
PX08	85	122	27.30	39.4	21.8	0.0	0.00 115.7 10.3 0.0 0.0 350 02-May
PX08	85	123	28.80	38.9	23.2	23.4	0.00 123.3 12.2 0.0 0.0 350 03-May
PX08	85	124	30.50	35.8	20.5	0.0	0.00 148.3 8.2 0.0 0.0 350 04-May
PX08	85	125	25.10	34.1	18.2	0.0	0.00 118.0 7.5 0.0 0.0 350 05-May
PX08	85	126	30.60	34.8	17.5	0.0	0.00 118.9 4.5 0.0 0.0 350 06-May
PX08	85	127	22.90	34.2	16.6	0.0	0.00 59.5 0.6 0.0 0.0 350 07-May
PX08	85	128	28.00	37.0	17.2	0.0	0.00 75.3 3.0 0.0 0.0 350 08-May
PX08	85	129	19.70	37.3	21.5	0.0	0.00 178.3 5.9 0.0 0.0 350 09-May
PX08	85	130	31.70	25.7	19.8	0.0	0.00 236.4 3.9 0.0 0.0 350 10-May
PX08	85	131	30.90	27.9	14.1	0.0	0.00 100.8 3.2 0.0 0.0 350 11-May
PX08	85	132	31.10	27.9	14.8	0.0	0.00 89.9 4.1 0.0 0.0 350 12-May
PX08	85	133	31.40	31.5	15.0	0.0	0.00 73.5 3.0 0.0 0.0 350 13-May
PX08	85	134	31.80	33.9	15.8	0.0	0.00 63.6 -1.7 0.0 0.0 350 14-May
PX08	85	135	27.40	37.0	16.7	0.0	0.00 133.5 1.3 0.0 0.0 350 15-May
PX08	85	136	20.10	35.2	24.6	0.0	0.00 145.7 5.9 0.0 0.0 350 16-May
PX08	85	137	31.00	36.4	21.3	0.0	0.00 96.6 8.9 0.0 0.0 350 17-May
PX08	85	138	31.40	37.2	21.8	0.0	0.00 147.2 7.5 0.0 0.0 350 18-May
PX08	85	139	32.30	35.1	20.1	0.0	0.00 179.5 3.6 0.0 0.0 350 19-May

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX08	85	140	31.80	35.1	20.1	0.0	0.00	179.7	5.1	0.0	0.0	350	20-May
PX08	85	141	31.50	33.4	20.2	0.0	0.00	133.5	7.3	0.0	0.0	350	21-May
PX08	85	142	30.50	36.4	18.5	0.0	0.00	110.3	7.7	0.0	0.0	350	22-May
PX08	85	143	22.70	36.8	20.3	0.0	0.00	122.7	8.4	0.0	0.0	350	23-May
PX08	85	144	28.90	39.0	20.9	0.0	0.00	156.4	8.8	0.0	0.0	350	24-May
PX08	85	145	32.10	37.6	21.7	0.0	0.00	172.2	8.0	0.0	0.0	350	25-May
PX08	85	146	32.40	37.0	19.5	0.0	0.00	179.1	7.5	0.0	0.0	350	26-May
PX08	85	147	31.60	36.7	21.5	0.0	0.00	142.1	7.1	0.0	0.0	350	27-May
PX08	85	148	32.40	39.2	19.7	0.0	0.00	109.7	7.0	0.0	0.0	350	28-May
PX08	85	149	26.90	39.5	19.0	0.0	0.00	89.5	9.8	0.0	0.0	350	29-May
PX08	85	150	20.00	40.0	23.7	0.0	0.00	88.1	12.0	0.0	0.0	350	30-May
PX08	85	151	32.60	35.0	20.8	0.0	0.00	182.4	13.2	0.0	0.0	350	31-May
PX08	85	152	31.70	33.8	18.6	0.0	0.00	100.8	12.5	0.0	0.0	350	01-Jun
PX08	85	153	32.00	36.0	18.8	0.0	0.00	137.8	12.9	0.0	0.0	350	02-Jun
PX08	85	154	31.30	35.2	16.5	0.0	0.00	149.8	5.9	0.0	0.0	350	03-Jun
PX08	85	155	31.70	34.8	16.8	0.0	0.00	118.9	7.4	0.0	0.0	350	04-Jun
PX08	85	156	31.30	38.5	20.6	0.0	0.00	121.9	9.8	0.0	0.0	350	05-Jun
PX08	85	157	30.90	43.4	22.3	0.0	0.00	96.6	9.2	0.0	0.0	350	06-Jun
PX08	85	158	25.90	46.2	24.8	0.0	0.00	86.8	9.8	0.0	0.0	350	07-Jun
PX08	85	159	31.50	44.5	25.9	0.0	0.00	195.8	12.5	0.0	0.0	350	08-Jun
PX08	85	160	31.30	43.8	24.9	0.0	0.00	179.0	11.3	0.0	0.0	350	09-Jun
PX08	85	161	32.10	43.4	25.6	0.0	0.00	224.1	10.6	0.0	0.0	350	10-Jun
PX08	85	162	31.30	42.9	25.3	0.0	0.00	199.9	12.4	0.0	0.0	350	11-Jun
PX08	85	163	31.10	44.5	26.1	0.0	0.00	222.0	13.0	0.0	0.0	350	12-Jun
PX08	85	164	31.50	44.4	26.3	0.0	0.00	201.4	9.8	0.0	0.0	350	13-Jun
PX08	85	165	30.40	43.5	24.9	0.0	0.00	167.3	10.0	0.0	0.0	350	14-Jun
PX08	85	166	32.00	43.8	23.2	0.0	0.00	90.5	10.3	0.0	0.0	350	15-Jun
PX08	85	167	32.00	45.2	23.1	0.0	0.00	87.3	10.4	0.0	0.0	350	16-Jun
PX08	85	168	31.70	44.3	23.4	0.0	0.00	85.1	10.1	0.0	0.0	350	17-Jun
PX08	85	169	30.40	45.0	23.7	0.0	0.00	116.3	10.0	0.0	0.0	350	18-Jun
PX08	85	170	27.10	42.3	26.4	0.0	0.00	91.6	12.8	0.0	0.0	350	19-Jun
PX08	85	171	30.10	42.2	27.2	0.0	0.00	118.6	15.8	0.0	0.0	350	20-Jun
PX08	85	172	31.10	39.9	25.4	0.0	0.00	100.7	10.9	0.0	0.0	350	21-Jun
PX08	85	173	27.70	42.1	24.8	0.0	0.00	136.2	11.9	0.0	0.0	350	22-Jun
PX08	85	174	21.10	42.2	25.2	0.0	0.00	71.4	13.2	0.0	0.0	350	23-Jun
PX08	85	175	12.90	39.3	26.6	0.0	0.00	126.3	13.4	0.0	0.0	350	24-Jun
PX08	85	176	31.20	37.0	21.2	0.0	0.00	97.5	11.0	0.0	0.0	350	25-Jun
PX08	85	177	32.60	38.5	22.9	0.0	0.00	103.2	8.2	0.0	0.0	350	26-Jun
PX08	85	178	32.10	43.9	23.0	0.0	0.00	62.1	7.5	0.0	0.0	350	27-Jun
PX08	85	179	31.80	43.9	23.0	0.0	0.00	91.1	9.0	0.0	0.0	350	28-Jun
PX08	85	180	28.80	42.5	23.8	0.0	0.00	118.9	9.8	0.0	0.0	350	29-Jun
PX08	85	181	30.70	44.1	23.4	0.0	0.00	105.3	10.3	0.0	0.0	350	30-Jun
PX08	85	182	30.50	45.2	24.2	0.0	0.00	141.0	10.0	0.0	0.0	350	01-Jul
PX08	85	183	31.60	46.3	25.9	0.0	0.00	146.3	8.5	0.0	0.0	350	02-Jul
PX08	85	184	30.98	42.9	26.2	0.0	0.00	81.4	10.9	0.0	0.0	350	03-Jul
PX08	85	185	30.49	38.8	26.8	0.0	0.00	96.5	13.0	0.0	0.0	350	04-Jul
PX08	85	186	29.52	40.7	27.4	0.0	0.00	111.4	15.8	0.0	0.0	350	05-Jul
PX08	85	187	29.40	42.4	28.9	0.0	0.00	125.6	18.9	0.0	0.0	350	06-Jul
PX08	85	188	28.20	43.7	30.3	0.0	0.00	136.1	17.7	0.0	0.0	350	07-Jul
PX08	85	189	26.30	45.1	30.9	0.0	0.00	142.8	16.3	0.0	0.0	350	08-Jul
PX08	85	190	29.40	40.9	30.9	0.0	0.00	146.2	19.2	0.0	0.0	350	09-Jul
PX08	85	191	29.70	42.9	29.0	0.0	0.00	133.1	18.4	0.0	0.0	350	10-Jul

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL	XTMAX		XRAIN	WIND	STMAX	CO2						
PX08	85	192	29.30	44.6	29.0	0.0	0.00	107.4	18.1	0.0	0.0	350	11-Jul
PX08	85	193	28.40	44.9	31.1	0.0	0.00	110.2	17.0	0.0	0.0	350	12-Jul
PX08	85	194	22.80	44.3	28.9	0.0	0.00	123.7	17.7	0.0	0.0	350	13-Jul
PX08	85	195	27.70	42.7	30.6	0.0	0.00	147.6	18.4	0.0	0.0	350	14-Jul
PX08	85	196	29.20	40.8	28.3	23.0	0.00	185.1	20.2	0.0	0.0	350	15-Jul
PX08	85	197	26.20	38.6	23.8	0.0	0.00	97.8	22.5	0.0	0.0	350	16-Jul
PX08	85	198	30.30	39.8	27.7	0.0	0.00	168.8	21.9	0.0	0.0	350	17-Jul
PX08	85	199	18.30	34.3	24.3	5.0	0.00	110.3	22.3	0.0	0.0	350	18-Jul
PX08	85	200	19.20	36.3	26.3	0.0	0.00	129.1	21.7	0.0	0.0	350	19-Jul
PX08	85	201	28.80	40.0	28.2	0.0	0.00	91.9	21.5	0.0	0.0	350	20-Jul
PX08	85	202	30.80	41.2	28.1	0.0	0.00	127.3	20.2	0.0	0.0	350	21-Jul
PX08	85	203	30.80	41.0	28.9	0.0	0.00	133.5	18.4	0.0	0.0	350	22-Jul
PX08	85	204	31.20	40.8	27.7	0.0	0.00	107.5	17.2	0.0	0.0	350	23-Jul
PX08	85	205	30.39	40.1	26.6	0.0	0.00	89.8	12.5	0.0	0.0	350	24-Jul
PX08	85	206	30.80	40.1	26.6	0.0	0.00	135.7	12.5	0.0	0.0	350	25-Jul
PX08	85	207	30.60	42.9	24.4	0.0	0.00	125.5	15.2	0.0	0.0	350	26-Jul
PX08	85	208	22.00	40.5	30.2	0.0	0.00	235.4	18.0	0.0	0.0	350	27-Jul
PX08	85	209	25.60	39.3	28.4	0.0	0.00	171.5	20.5	0.0	0.0	350	28-Jul
PX08	85	210	25.70	40.3	28.4	0.0	0.00	123.4	21.2	0.0	0.0	350	29-Jul
PX08	85	211	30.00	41.1	27.6	0.0	0.00	114.3	21.1	0.0	0.0	350	30-Jul
PX08	85	212	29.90	41.8	27.8	0.0	0.00	117.6	16.9	0.0	0.0	350	31-Jul
PX08	85	213	18.60	37.2	27.5	0.0	0.00	167.2	21.0	0.0	0.0	350	01-Aug
PX08	85	214	24.80	38.0	27.0	0.0	0.00	145.1	21.9	0.0	0.0	350	02-Aug
PX08	85	215	28.50	40.2	27.4	0.0	0.00	86.6	21.3	0.0	0.0	350	03-Aug
PX08	85	216	29.60	41.4	28.7	0.0	0.00	116.4	18.7	0.0	0.0	350	04-Aug
PX08	85	217	28.50	41.8	27.1	0.0	0.00	108.4	14.8	0.0	0.0	350	05-Aug
PX08	85	218	28.80	41.7	25.8	0.0	0.00	110.5	17.3	0.0	0.0	350	06-Aug
PX08	85	219	26.50	41.1	29.9	0.0	0.00	139.5	19.5	0.0	0.0	350	07-Aug
PX08	85	220	28.50	41.6	27.9	0.0	0.00	110.9	19.6	0.0	0.0	350	08-Aug
PX08	85	221	29.50	40.4	27.6	0.0	0.00	121.6	17.6	0.0	0.0	350	09-Aug
PX08	85	222	29.00	39.4	24.7	0.0	0.00	160.3	17.4	0.0	0.0	350	10-Aug
PX08	85	223	26.80	39.5	28.4	0.0	0.00	197.5	20.7	0.0	0.0	350	11-Aug
PX08	85	224	29.40	38.1	25.9	0.0	0.00	168.4	13.2	0.0	0.0	350	12-Aug
PX08	85	225	29.40	40.0	24.6	0.0	0.00	178.5	11.8	0.0	0.0	350	13-Aug
PX08	85	226	30.10	40.5	22.2	0.0	0.00	176.8	7.8	0.0	0.0	350	14-Aug
PX08	85	227	29.10	40.8	20.9	0.0	0.00	174.9	7.8	0.0	0.0	350	15-Aug
PX08	85	228	28.50	40.8	22.7	0.0	0.00	189.7	10.7	0.0	0.0	350	16-Aug
PX08	85	229	19.30	38.5	27.1	0.0	0.00	191.4	13.2	0.0	0.0	350	17-Aug
PX08	85	230	27.20	40.8	26.8	0.0	0.00	210.5	15.9	0.0	0.0	350	18-Aug
PX08	85	231	27.40	40.5	28.7	0.0	0.00	228.7	17.5	0.0	0.0	350	19-Aug
PX08	85	232	20.20	33.7	23.5	21.0	0.00	112.9	21.9	0.0	0.0	350	20-Aug
PX08	85	233	27.30	38.5	25.9	0.0	0.00	65.3	21.4	0.0	0.0	350	21-Aug
PX08	85	234	26.90	41.3	27.1	0.0	0.00	61.9	20.0	0.0	0.0	350	22-Aug
PX08	85	235	27.80	43.6	25.9	0.0	0.00	75.1	19.1	0.0	0.0	350	23-Aug
PX08	85	236	24.10	45.1	27.8	0.0	0.00	128.9	18.9	0.0	0.0	350	24-Aug
PX08	85	237	22.20	43.4	31.0	0.0	0.00	162.1	21.2	0.0	0.0	350	25-Aug
PX08	85	238	25.00	39.8	29.7	0.0	0.00	201.6	21.3	0.0	0.0	350	26-Aug
PX08	85	239	24.80	41.4	29.6	0.0	0.00	196.6	22.8	0.0	0.0	350	27-Aug
PX08	85	240	26.20	42.5	27.7	0.0	0.00	175.3	19.1	0.0	0.0	350	28-Aug
PX08	85	241	25.80	44.1	29.8	0.0	0.00	173.0	19.9	0.0	0.0	350	29-Aug
PX08	85	242	26.60	43.6	29.7	0.0	0.00	222.5	17.2	0.0	0.0	350	30-Aug
PX08	85	243	26.10	40.4	27.8	6.0	0.00	227.0	18.7	0.0	0.0	350	31-Aug

INSTW	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		CO2	A00
	JUL			XTMAX				WIND		STMAX			
PX08	85	244	23.40	36.2	25.9	0.0	0.00	96.8	20.7	0.0	0.0	350	01-Sep
PX08	85	245	25.20	39.3	26.3	0.0	0.00	114.9	18.1	0.0	0.0	350	02-Sep
PX08	85	246	23.60	39.6	27.1	0.0	0.00	160.4	14.0	0.0	0.0	350	03-Sep
PX08	85	247	21.60	35.5	23.1	0.0	0.00	176.5	10.9	0.0	0.0	350	04-Sep
PX08	85	248	23.40	32.5	20.0	0.0	0.00	98.3	9.9	0.0	0.0	350	05-Sep
PX08	85	249	19.40	33.8	20.7	0.0	0.00	132.7	12.7	0.0	0.0	350	06-Sep
PX08	85	250	26.10	34.4	20.6	0.0	0.00	101.3	12.1	0.0	0.0	350	07-Sep
PX08	85	251	24.90	36.3	19.9	0.0	0.00	115.3	11.2	0.0	0.0	350	08-Sep
PX08	85	252	16.00	32.6	21.4	0.0	0.00	78.9	10.1	0.0	0.0	350	09-Sep
PX08	85	253	13.80	34.5	23.3	0.0	0.00	83.2	11.3	0.0	0.0	350	10-Sep
PX08	85	254	24.10	31.4	19.0	0.0	0.00	189.4	11.9	0.0	0.0	350	11-Sep
PX08	85	255	25.10	34.1	14.4	0.0	0.00	54.0	3.6	0.0	0.0	350	12-Sep
PX08	85	256	24.80	37.8	15.8	0.0	0.00	77.7	6.4	0.0	0.0	350	13-Sep
PX08	85	257	22.40	47.2	20.7	0.0	0.00	73.5	12.7	0.0	0.0	350	14-Sep
PX08	85	258	17.00	39.3	26.5	0.0	0.00	107.0	15.2	0.0	0.0	350	15-Sep
PX08	85	259	16.50	39.5	23.7	0.0	0.00	91.6	11.0	0.0	0.0	350	16-Sep
PX08	85	260	24.10	39.0	22.9	0.0	0.00	150.9	11.2	0.0	0.0	350	17-Sep
PX08	85	261	11.90	27.2	17.8	17.0	0.00	145.6	17.9	0.0	0.0	350	18-Sep
PX08	85	262	23.60	28.9	16.4	1.0	0.00	99.1	12.9	0.0	0.0	350	19-Sep
PX08	85	263	23.30	29.1	16.0	0.0	0.00	57.6	11.1	0.0	0.0	350	20-Sep
PX08	85	264	23.60	32.1	17.3	0.0	0.00	48.5	11.8	0.0	0.0	350	21-Sep
PX08	85	265	23.50	33.8	18.1	0.0	0.00	101.0	12.7	0.0	0.0	350	22-Sep
PX08	85	266	19.50	35.3	19.6	0.0	0.00	75.0	13.2	0.0	0.0	350	23-Sep
PX08	85	267	22.90	37.1	18.7	0.0	0.00	72.3	15.4	0.0	0.0	350	24-Sep
PX08	85	268	21.20	37.0	19.2	0.0	0.00	89.7	12.9	0.0	0.0	350	25-Sep
PX08	85	269	21.80	37.5	20.2	5.0	0.00	108.8	12.6	0.0	0.0	350	26-Sep
PX08	85	270	18.50	32.8	21.1	1.0	0.00	169.8	15.6	0.0	0.0	350	27-Sep
PX08	85	271	15.00	28.7	20.8	0.0	0.00	170.0	16.0	0.0	0.0	350	28-Sep
PX08	85	272	21.90	30.3	17.5	0.0	0.00	73.8	14.3	0.0	0.0	350	29-Sep
PX08	85	273	16.90	32.0	20.6	0.0	0.00	60.2	12.4	0.0	0.0	350	30-Sep
PX08	85	274	20.90	33.2	17.0	0.0	0.00	60.5	10.5	0.0	0.0	350	01-Oct
PX08	85	275	20.80	32.8	19.8	0.0	0.00	76.1	11.9	0.0	0.0	350	02-Oct



options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC     ↓     CO2YR WINDYR  
 PX11 33.40 112.00 2.30 0 1 1 0 1 350 0.0

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
<u>INSTW</u>	<u>JUL</u>	<u>XTMAX</u>		<u>XRAIN</u>		<u>WIND</u>		<u>STMAX</u>		<u>CO2</u>			
PX11	85	94	26.21	32.0	12.2	0.0	0.00	164.2	2.1	0.0	0.0	350	04-Apr
PX11	85	95	26.37	29.1	11.0	0.0	0.00	276.5	1.3	0.0	0.0	350	05-Apr
PX11	85	96	25.00	30.6	12.4	0.0	0.00	164.2	-3.3	0.0	0.0	350	06-Apr
PX11	85	97	27.14	34.6	13.8	0.0	0.00	276.5	-5.0	0.0	0.0	350	07-Apr
PX11	85	98	24.85	35.7	15.1	0.0	0.00	164.2	-6.0	0.0	0.0	350	08-Apr
PX11	85	99	26.51	33.5	17.2	0.0	0.00	236.5	-1.2	0.0	0.0	350	09-Apr
PX11	85	100	26.91	33.2	17.4	0.0	0.00	150.6	3.2	0.0	0.0	350	10-Apr
PX11	85	101	27.91	34.3	13.5	0.0	0.00	152.3	6.1	0.0	0.0	350	11-Apr
PX11	85	102	27.79	34.8	12.9	0.0	0.00	141.9	6.4	0.0	0.0	350	12-Apr
PX11	85	103	25.67	33.2	13.1	0.0	0.00	131.4	5.9	0.0	0.0	350	13-Apr
PX11	85	104	24.98	24.8	12.4	0.0	0.00	160.9	2.5	0.0	0.0	350	14-Apr
PX11	85	105	24.60	30.2	11.9	0.0	0.00	178.8	0.2	0.0	0.0	350	15-Apr
PX11	85	106	23.42	36.5	18.1	0.0	0.00	164.2	-0.0	0.0	0.0	350	16-Apr
PX11	85	107	24.54	34.4	22.0	0.0	0.00	276.5	1.1	0.0	0.0	350	17-Apr
PX11	85	108	25.31	26.6	13.6	0.0	0.00	250.6	1.7	0.0	0.0	350	18-Apr
PX11	85	109	28.01	29.5	11.6	0.0	0.00	112.3	4.5	0.0	0.0	350	19-Apr
PX11	85	110	21.55	29.7	13.6	0.0	0.00	241.9	3.0	0.0	0.0	350	20-Apr
PX11	85	111	12.79	25.9	16.3	0.0	0.00	181.4	2.1	0.0	0.0	350	21-Apr
PX11	85	112	27.99	28.2	12.2	0.0	0.00	120.9	2.9	0.0	0.0	350	22-Apr
PX11	85	113	29.60	32.6	15.2	0.0	0.00	78.8	1.1	0.0	0.0	350	23-Apr
PX11	85	114	29.00	33.7	14.9	0.0	0.00	105.4	3.2	0.0	0.0	350	24-Apr
PX11	85	115	29.60	30.5	17.7	0.0	0.00	228.7	1.5	0.0	0.0	350	25-Apr
PX11	85	116	22.60	20.6	12.6	0.0	0.00	204.4	0.9	0.0	0.0	350	26-Apr
PX11	85	117	12.50	23.5	11.3	0.0	0.00	128.8	8.2	0.0	0.0	350	27-Apr
PX11	85	118	21.50	21.3	12.6	3.0	0.00	86.8	9.3	0.0	0.0	350	28-Apr
PX11	85	119	29.20	28.3	11.1	0.0	0.00	87.8	8.6	0.0	0.0	350	29-Apr
PX11	85	120	27.80	35.7	16.5	0.0	0.00	88.5	10.0	0.0	0.0	350	30-Apr
PX11	85	121	27.80	38.6	20.2	0.0	0.00	141.0	9.5	0.0	0.0	350	01-May
PX11	85	122	27.30	37.5	22.1	0.0	0.00	115.7	10.3	0.0	0.0	350	02-May
PX11	85	123	28.80	37.4	23.3	23.4	0.00	123.3	12.2	0.0	0.0	350	03-May
PX11	85	124	30.50	36.0	20.4	0.0	0.00	148.3	8.2	0.0	0.0	350	04-May
PX11	85	125	25.10	34.3	18.1	0.0	0.00	118.0	7.5	0.0	0.0	350	05-May
PX11	85	126	30.60	34.8	17.7	0.0	0.00	118.9	4.5	0.0	0.0	350	06-May
PX11	85	127	22.90	34.3	17.3	0.0	0.00	59.5	0.6	0.0	0.0	350	07-May
PX11	85	128	28.00	37.5	17.5	0.0	0.00	75.3	3.0	0.0	0.0	350	08-May
PX11	85	129	19.70	37.4	21.8	0.0	0.00	178.3	5.9	0.0	0.0	350	09-May
PX11	85	130	31.70	27.0	19.3	0.0	0.00	236.4	3.9	0.0	0.0	350	10-May
PX11	85	131	30.90	28.7	14.3	0.0	0.00	100.8	3.2	0.0	0.0	350	11-May
PX11	85	132	31.10	29.9	14.8	0.0	0.00	89.9	4.1	0.0	0.0	350	12-May
PX11	85	133	31.40	33.0	15.3	0.0	0.00	73.5	3.0	0.0	0.0	350	13-May
PX11	85	134	31.80	34.1	16.0	0.0	0.00	63.6	-3.5	0.0	0.0	350	14-May
PX11	85	135	27.40	37.3	17.3	0.0	0.00	133.5	-0.7	0.0	0.0	350	15-May
PX11	85	136	20.10	35.2	24.8	0.0	0.00	145.7	4.6	0.0	0.0	350	16-May
PX11	85	137	31.00	36.8	21.2	0.0	0.00	96.6	7.8	0.0	0.0	350	17-May
PX11	85	138	31.40	37.8	21.8	0.0	0.00	147.2	6.5	0.0	0.0	350	18-May
PX11	85	139	32.30	35.3	20.5	0.0	0.00	179.5	1.3	0.0	0.0	350	19-May

INSTW	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
	JUL		XTMAX		XRAIN		WIND		STMAX	CO2			
PX11	85	140	31.80	35.9	20.3	0.0	0.00	179.7	3.6	0.0	0.0	350	20-May
PX11	85	141	31.50	35.0	20.4	0.0	0.00	133.5	6.2	0.0	0.0	350	21-May
PX11	85	142	30.50	37.3	18.8	0.0	0.00	110.3	6.5	0.0	0.0	350	22-May
PX11	85	143	22.70	36.7	20.3	0.0	0.00	122.7	7.0	0.0	0.0	350	23-May
PX11	85	144	28.90	39.0	20.9	0.0	0.00	156.4	8.8	0.0	0.0	350	24-May
PX11	85	145	32.10	38.4	20.2	0.0	0.00	172.2	9.3	0.0	0.0	350	25-May
PX11	85	146	32.40	37.9	17.9	0.0	0.00	179.1	7.1	0.0	0.0	350	26-May
PX11	85	147	31.60	37.5	19.2	0.0	0.00	142.1	6.4	0.0	0.0	350	27-May
PX11	85	148	32.40	40.4	20.1	0.0	0.00	109.7	8.5	0.0	0.0	350	28-May
PX11	85	149	26.90	39.5	19.0	0.0	0.00	89.5	12.3	0.0	0.0	350	29-May
PX11	85	150	20.00	40.0	23.7	0.0	0.00	88.1	13.7	0.0	0.0	350	30-May
PX11	85	151	32.60	36.0	20.5	0.0	0.00	182.4	14.5	0.0	0.0	350	31-May
PX11	85	152	31.70	34.3	19.1	0.0	0.00	100.8	4.5	0.0	0.0	350	01-Jun
PX11	85	153	32.00	36.4	19.3	0.0	0.00	137.8	3.6	0.0	0.0	350	02-Jun
PX11	85	154	31.30	33.3	20.0	0.0	0.00	149.8	5.4	0.0	0.0	350	03-Jun
PX11	85	155	31.70	36.0	17.1	0.0	0.00	118.9	6.1	0.0	0.0	350	04-Jun
PX11	85	156	31.30	39.4	21.1	0.0	0.00	121.9	8.9	0.0	0.0	350	05-Jun
PX11	85	157	30.90	43.5	22.5	0.0	0.00	96.6	9.7	0.0	0.0	350	06-Jun
PX11	85	158	25.90	46.5	25.2	0.0	0.00	86.8	10.4	0.0	0.0	350	07-Jun
PX11	85	159	31.50	45.4	26.1	0.0	0.00	195.8	11.3	0.0	0.0	350	08-Jun
PX11	85	160	31.30	45.1	24.9	0.0	0.00	179.0	10.6	0.0	0.0	350	09-Jun
PX11	85	161	32.10	43.9	25.9	0.0	0.00	224.1	12.7	0.0	0.0	350	10-Jun
PX11	85	162	31.30	42.6	25.8	0.0	0.00	199.9	13.1	0.0	0.0	350	11-Jun
PX11	85	163	31.10	44.1	26.7	0.0	0.00	222.0	14.3	0.0	0.0	350	12-Jun
PX11	85	164	31.50	44.2	26.5	0.0	0.00	201.4	12.5	0.0	0.0	350	13-Jun
PX11	85	165	30.40	42.4	24.9	0.0	0.00	167.3	9.8	0.0	0.0	350	14-Jun
PX11	85	166	32.00	43.8	23.5	0.0	0.00	90.5	9.4	0.0	0.0	350	15-Jun
PX11	85	167	32.00	44.9	24.6	0.0	0.00	87.3	10.0	0.0	0.0	350	16-Jun
PX11	85	168	31.70	44.1	24.6	0.0	0.00	85.1	11.1	0.0	0.0	350	17-Jun
PX11	85	169	30.40	45.2	24.8	0.0	0.00	116.3	7.1	0.0	0.0	350	18-Jun
PX11	85	170	27.10	45.2	26.7	0.0	0.00	91.6	10.3	0.0	0.0	350	19-Jun
PX11	85	171	30.10	41.5	28.6	0.0	0.00	118.6	13.2	0.0	0.0	350	20-Jun
PX11	85	172	31.10	38.5	25.8	0.0	0.00	100.7	9.2	0.0	0.0	350	21-Jun
PX11	85	173	27.70	40.4	25.1	0.0	0.00	136.2	10.3	0.0	0.0	350	22-Jun
PX11	85	174	21.10	40.9	26.5	0.0	0.00	71.4	11.1	0.0	0.0	350	23-Jun
PX11	85	175	12.90	37.0	28.0	0.0	0.00	126.3	10.9	0.0	0.0	350	24-Jun
PX11	85	176	31.20	36.7	22.8	0.0	0.00	97.5	7.8	0.0	0.0	350	25-Jun
PX11	85	177	32.60	40.1	23.6	0.0	0.00	103.2	4.5	0.0	0.0	350	26-Jun
PX11	85	178	32.10	42.6	20.5	0.0	0.00	62.1	3.4	0.0	0.0	350	27-Jun
PX11	85	179	31.80	42.7	24.0	0.0	0.00	91.1	7.0	0.0	0.0	350	28-Jun
PX11	85	180	28.80	41.6	24.6	0.0	0.00	118.9	8.2	0.0	0.0	350	29-Jun
PX11	85	181	30.70	42.6	23.6	0.0	0.00	105.3	12.2	0.0	0.0	350	30-Jun
PX11	85	182	30.50	44.4	24.5	0.0	0.00	141.0	8.8	0.0	0.0	350	01-Jul
PX11	85	183	31.60	45.3	26.5	0.0	0.00	146.3	7.1	0.0	0.0	350	02-Jul
PX11	85	184	30.98	42.9	26.2	0.0	0.00	81.4	10.9	0.0	0.0	350	03-Jul
PX11	85	185	30.49	38.8	26.8	0.0	0.00	96.5	13.0	0.0	0.0	350	04-Jul
PX11	85	186	29.52	40.7	27.4	0.0	0.00	111.4	15.8	0.0	0.0	350	05-Jul
PX11	85	187	29.40	40.9	28.8	0.0	0.00	125.6	17.7	0.0	0.0	350	06-Jul
PX11	85	188	28.20	41.7	30.3	0.0	0.00	136.1	16.4	0.0	0.0	350	07-Jul
PX11	85	189	26.30	44.8	31.2	0.0	0.00	142.8	13.8	0.0	0.0	350	08-Jul
PX11	85	190	29.40	41.2	32.1	0.0	0.00	146.2	17.5	0.0	0.0	350	09-Jul
PX11	85	191	29.70	42.6	29.6	0.0	0.00	133.1	16.9	0.0	0.0	350	10-Jul

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX	CO2			
PX11	85	192	29.30	44.4	29.3	0.0	0.00	107.4	16.8	0.0	0.0	350	11-Jul
PX11	85	193	28.40	43.5	31.8	0.0	0.00	110.2	15.6	0.0	0.0	350	12-Jul
PX11	85	194	22.80	42.9	29.4	0.0	0.00	123.7	16.7	0.0	0.0	350	13-Jul
PX11	85	195	27.70	41.5	30.7	0.0	0.00	147.6	17.4	0.0	0.0	350	14-Jul
PX11	85	196	29.20	41.2	28.7	23.0	0.00	185.1	18.8	0.0	0.0	350	15-Jul
PX11	85	197	26.20	37.0	23.3	0.0	0.00	97.8	20.8	0.0	0.0	350	16-Jul
PX11	85	198	30.30	38.0	27.3	0.0	0.00	168.8	21.2	0.0	0.0	350	17-Jul
PX11	85	199	18.30	31.9	23.9	5.0	0.00	110.3	22.1	0.0	0.0	350	18-Jul
PX11	85	200	19.20	34.0	25.3	0.0	0.00	129.1	21.2	0.0	0.0	350	19-Jul
PX11	85	201	28.80	37.4	27.5	0.0	0.00	91.9	21.0	0.0	0.0	350	20-Jul
PX11	85	202	30.80	39.6	27.0	0.0	0.00	127.3	19.7	0.0	0.0	350	21-Jul
PX11	85	203	30.80	38.9	28.6	0.0	0.00	133.5	16.9	0.0	0.0	350	22-Jul
PX11	85	204	31.20	40.2	27.0	0.0	0.00	107.5	16.4	0.0	0.0	350	23-Jul
PX11	85	205	30.39	40.1	26.6	0.0	0.00	89.8	12.0	0.0	0.0	350	24-Jul
PX11	85	206	30.80	40.3	25.9	0.0	0.00	135.7	10.4	0.0	0.0	350	25-Jul
PX11	85	207	30.60	40.7	25.1	0.0	0.00	125.5	13.6	0.0	0.0	350	26-Jul
PX11	85	208	22.00	39.4	30.6	0.0	0.00	235.4	16.0	0.0	0.0	350	27-Jul
PX11	85	209	25.60	37.9	28.7	0.0	0.00	171.5	21.0	0.0	0.0	350	28-Jul
PX11	85	210	25.70	38.3	28.7	0.0	0.00	123.4	21.3	0.0	0.0	350	29-Jul
PX11	85	211	30.00	40.2	28.6	0.0	0.00	114.3	20.2	0.0	0.0	350	30-Jul
PX11	85	212	29.90	41.9	28.9	0.0	0.00	117.6	15.9	0.0	0.0	350	31-Jul
PX11	85	213	18.60	36.7	28.5	0.0	0.00	167.2	19.2	0.0	0.0	350	01-Aug
PX11	85	214	24.80	37.1	27.7	0.0	0.00	145.1	20.6	0.0	0.0	350	02-Aug
PX11	85	215	28.50	38.3	27.8	0.0	0.00	86.6	20.4	0.0	0.0	350	03-Aug
PX11	85	216	29.60	39.6	28.8	0.0	0.00	116.4	17.7	0.0	0.0	350	04-Aug
PX11	85	217	28.50	40.0	27.5	0.0	0.00	108.4	13.2	0.0	0.0	350	05-Aug
PX11	85	218	28.80	40.2	26.2	0.0	0.00	110.5	16.2	0.0	0.0	350	06-Aug
PX11	85	219	26.50	40.2	29.6	0.0	0.00	139.5	18.4	0.0	0.0	350	07-Aug
PX11	85	220	28.50	40.3	27.9	0.0	0.00	110.9	18.4	0.0	0.0	350	08-Aug
PX11	85	221	29.50	39.0	27.8	0.0	0.00	121.6	15.8	0.0	0.0	350	09-Aug
PX11	85	222	29.00	38.7	27.3	0.0	0.00	160.3	15.2	0.0	0.0	350	10-Aug
PX11	85	223	26.80	39.6	28.9	0.0	0.00	197.5	19.2	0.0	0.0	350	11-Aug
PX11	85	224	29.40	38.3	25.9	0.0	0.00	168.4	13.1	0.0	0.0	350	12-Aug
PX11	85	225	29.40	40.7	25.1	0.0	0.00	178.5	11.5	0.0	0.0	350	13-Aug
PX11	85	226	30.10	41.2	23.1	0.0	0.00	176.8	7.3	0.0	0.0	350	14-Aug
PX11	85	227	29.10	41.2	21.6	0.0	0.00	174.9	6.4	0.0	0.0	350	15-Aug
PX11	85	228	28.50	40.7	23.8	0.0	0.00	189.7	10.4	0.0	0.0	350	16-Aug
PX11	85	229	19.30	37.7	27.0	0.0	0.00	191.4	14.3	0.0	0.0	350	17-Aug
PX11	85	230	27.20	40.3	26.8	0.0	0.00	210.5	16.9	0.0	0.0	350	18-Aug
PX11	85	231	27.40	40.9	28.5	0.0	0.00	228.7	18.1	0.0	0.0	350	19-Aug
PX11	85	232	20.20	34.0	23.9	21.0	0.00	112.9	21.7	0.0	0.0	350	20-Aug
PX11	85	233	27.30	38.6	26.3	0.0	0.00	65.3	21.3	0.0	0.0	350	21-Aug
PX11	85	234	26.90	41.7	26.9	0.0	0.00	61.9	20.1	0.0	0.0	350	22-Aug
PX11	85	235	27.80	42.5	26.2	0.0	0.00	75.1	18.9	0.0	0.0	350	23-Aug
PX11	85	236	24.10	44.2	28.3	0.0	0.00	128.9	18.1	0.0	0.0	350	24-Aug
PX11	85	237	22.20	43.4	31.0	0.0	0.00	162.1	19.1	0.0	0.0	350	25-Aug
PX11	85	238	25.00	40.4	29.9	0.0	0.00	201.6	19.9	0.0	0.0	350	26-Aug
PX11	85	239	24.80	43.3	29.8	0.0	0.00	196.6	22.8	0.0	0.0	350	27-Aug
PX11	85	240	26.20	43.7	26.1	0.0	0.00	175.3	19.9	0.0	0.0	350	28-Aug
PX11	85	241	25.80	45.2	29.1	0.0	0.00	173.0	18.6	0.0	0.0	350	29-Aug
PX11	85	242	26.60	43.1	29.6	0.0	0.00	222.5	19.7	0.0	0.0	350	30-Aug
PX11	85	243	26.10	40.4	28.2	6.0	0.00	227.0	21.2	0.0	0.0	350	31-Aug

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL	XTMAX		XRAIN	WIND	STMAX	CO2						
PX11	85	244	23.40	36.3	25.8	0.0	0.00	96.8	20.9	0.0	0.0	350	01-Sep
PX11	85	245	25.20	39.4	26.8	0.0	0.00	114.9	19.2	0.0	0.0	350	02-Sep
PX11	85	246	23.60	39.3	27.2	0.0	0.00	160.4	14.6	0.0	0.0	350	03-Sep
PX11	85	247	21.60	35.4	23.2	0.0	0.00	176.5	11.4	0.0	0.0	350	04-Sep
PX11	85	248	23.40	33.3	20.1	0.0	0.00	98.3	10.4	0.0	0.0	350	05-Sep
PX11	85	249	19.40	33.6	21.0	0.0	0.00	132.7	13.1	0.0	0.0	350	06-Sep
PX11	85	250	26.10	34.2	20.8	0.0	0.00	101.3	12.2	0.0	0.0	350	07-Sep
PX11	85	251	24.90	35.8	20.4	0.0	0.00	115.3	10.4	0.0	0.0	350	08-Sep
PX11	85	252	16.00	32.9	21.8	0.0	0.00	78.9	10.4	0.0	0.0	350	09-Sep
PX11	85	253	13.80	34.1	23.6	0.0	0.00	83.2	11.6	0.0	0.0	350	10-Sep
PX11	85	254	24.10	31.9	19.0	0.0	0.00	189.4	12.5	0.0	0.0	350	11-Sep
PX11	85	255	25.10	34.2	14.4	0.0	0.00	54.0	4.6	0.0	0.0	350	12-Sep
PX11	85	256	24.80	37.5	16.4	0.0	0.00	77.7	7.3	0.0	0.0	350	13-Sep
PX11	85	257	22.40	46.3	21.2	0.0	0.00	73.5	13.1	0.0	0.0	350	14-Sep
PX11	85	258	17.00	39.2	26.5	0.0	0.00	107.0	15.7	0.0	0.0	350	15-Sep
PX11	85	259	16.50	39.7	24.3	0.0	0.00	91.6	11.4	0.0	0.0	350	16-Sep
PX11	85	260	24.10	38.9	23.0	0.0	0.00	150.9	11.5	0.0	0.0	350	17-Sep
PX11	85	261	11.90	27.3	17.8	17.0	0.00	145.6	18.0	0.0	0.0	350	18-Sep
PX11	85	262	23.60	29.3	16.1	1.0	0.00	99.1	15.8	0.0	0.0	350	19-Sep
PX11	85	263	23.30	28.9	16.0	0.0	0.00	57.6	13.9	0.0	0.0	350	20-Sep
PX11	85	264	23.60	32.0	17.1	0.0	0.00	48.5	11.3	0.0	0.0	350	21-Sep
PX11	85	265	23.50	33.7	18.3	0.0	0.00	101.0	12.0	0.0	0.0	350	22-Sep
PX11	85	266	19.50	35.1	20.1	0.0	0.00	75.0	11.8	0.0	0.0	350	23-Sep
PX11	85	267	22.90	37.1	19.2	0.0	0.00	72.3	10.3	0.0	0.0	350	24-Sep
PX11	85	268	21.20	36.9	19.8	0.0	0.00	89.7	11.1	0.0	0.0	350	25-Sep
PX11	85	269	21.80	37.4	20.6	5.0	0.00	108.8	11.8	0.0	0.0	350	26-Sep
PX11	85	270	18.50	33.1	21.1	1.0	0.00	169.8	15.4	0.0	0.0	350	27-Sep
PX11	85	271	15.00	28.8	20.9	0.0	0.00	170.0	15.9	0.0	0.0	350	28-Sep
PX11	85	272	21.90	30.9	17.9	0.0	0.00	73.8	14.4	0.0	0.0	350	29-Sep
PX11	85	273	16.90	32.0	20.6	0.0	0.00	60.2	12.0	0.0	0.0	350	30-Sep
PX11	85	274	20.90	33.2	17.0	0.0	0.00	60.5	10.7	0.0	0.0	350	01-Oct
PX11	85	275	20.80	33.8	19.3	0.0	0.00	76.1	13.7	0.0	0.0	350	02-Oct

FILENAME: PX010407.W85

WEATHER DATA FOR NO CHAMBER, IRRIGATION=WET, REP=#1

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC      ↓      CO2YR WINDYR  
 PX01 33.40 112.00 2.30 0 1 1 0 1 350 0.0

INSTW	IYR		SOLRAD	XTMIN		XPAR		DEWPT	STMIN		A00		
	JUL			XTMAX	XRAIN	WIND	STMAX	CO2					
PX01	85	94	26.21	32.0	12.2	0.0	0.00	164.2	2.1	0.0	0.0	350	04-Apr
PX01	85	95	26.37	29.1	11.0	0.0	0.00	276.5	1.3	0.0	0.0	350	05-Apr
PX01	85	96	25.00	30.6	12.4	0.0	0.00	164.2	-3.3	0.0	0.0	350	06-Apr
PX01	85	97	27.14	34.6	13.8	0.0	0.00	276.5	-5.0	0.0	0.0	350	07-Apr
PX01	85	98	24.85	35.7	15.1	0.0	0.00	164.2	-6.0	0.0	0.0	350	08-Apr
PX01	85	99	26.51	33.5	17.2	0.0	0.00	236.5	-1.2	0.0	0.0	350	09-Apr
PX01	85	100	26.91	33.2	17.4	0.0	0.00	150.6	3.2	0.0	0.0	350	10-Apr
PX01	85	101	27.91	34.3	13.5	0.0	0.00	152.3	6.1	0.0	0.0	350	11-Apr
PX01	85	102	27.79	34.8	12.9	0.0	0.00	141.9	6.4	0.0	0.0	350	12-Apr
PX01	85	103	25.67	33.2	13.1	0.0	0.00	131.4	5.9	0.0	0.0	350	13-Apr
PX01	85	104	24.98	24.8	12.4	0.0	0.00	160.9	2.5	0.0	0.0	350	14-Apr
PX01	85	105	24.60	30.2	11.9	0.0	0.00	178.8	0.2	0.0	0.0	350	15-Apr
PX01	85	106	23.42	34.9	15.1	0.0	0.00	164.2	-0.0	0.0	0.0	350	16-Apr
PX01	85	107	24.54	32.4	19.3	0.0	0.00	276.5	1.1	0.0	0.0	350	17-Apr
PX01	85	108	25.31	22.9	10.2	0.0	0.00	250.6	1.7	0.0	0.0	350	18-Apr
PX01	85	109	28.01	26.4	8.0	0.0	0.00	112.3	4.5	0.0	0.0	350	19-Apr
PX01	85	110	21.55	26.6	10.2	0.0	0.00	241.9	3.0	0.0	0.0	350	20-Apr
PX01	85	111	12.79	22.0	13.1	0.0	0.00	181.4	2.1	0.0	0.0	350	21-Apr
PX01	85	112	27.99	24.8	8.6	0.0	0.00	120.9	2.9	0.0	0.0	350	22-Apr
PX01	85	113	29.60	30.2	11.9	0.0	0.00	78.8	1.5	0.0	0.0	350	23-Apr
PX01	85	114	29.00	35.0	13.9	0.0	0.00	105.4	2.1	0.0	0.0	350	24-Apr
PX01	85	115	29.60	31.0	17.0	0.0	0.00	228.7	1.3	0.0	0.0	350	25-Apr
PX01	85	116	22.60	23.3	13.2	0.0	0.00	204.4	-3.3	0.0	0.0	350	26-Apr
PX01	85	117	12.50	24.2	12.3	0.0	0.00	128.8	-5.0	0.0	0.0	350	27-Apr
PX01	85	118	21.50	25.3	13.5	3.0	0.00	86.8	-6.0	0.0	0.0	350	28-Apr
PX01	85	119	29.20	30.7	12.5	0.0	0.00	87.8	-1.2	0.0	0.0	350	29-Apr
PX01	85	120	27.80	37.4	16.5	0.0	0.00	88.5	3.2	0.0	0.0	350	30-Apr
PX01	85	121	27.80	39.6	19.8	0.0	0.00	141.0	6.1	0.0	0.0	350	01-May
PX01	85	122	27.30	39.0	21.0	0.0	0.00	115.7	6.4	0.0	0.0	350	02-May
PX01	85	123	28.80	28.6	37.9	23.4	0.00	123.3	5.9	0.0	0.0	350	03-May
PX01	85	124	30.50	36.4	20.2	0.0	0.00	148.3	2.5	0.0	0.0	350	04-May
PX01	85	125	25.10	34.8	17.5	0.0	0.00	118.0	0.2	0.0	0.0	350	05-May
PX01	85	126	30.60	35.0	16.7	0.0	0.00	118.9	-0.0	0.0	0.0	350	06-May
PX01	85	127	22.90	34.8	15.2	0.0	0.00	59.5	1.1	0.0	0.0	350	07-May
PX01	85	128	28.00	37.8	16.2	0.0	0.00	75.3	1.7	0.0	0.0	350	08-May
PX01	85	129	19.70	38.0	21.3	0.0	0.00	178.3	4.5	0.0	0.0	350	09-May
PX01	85	130	31.70	27.3	19.1	0.0	0.00	236.4	3.0	0.0	0.0	350	10-May
PX01	85	131	30.90	28.7	13.6	0.0	0.00	100.8	2.1	0.0	0.0	350	11-May
PX01	85	132	31.10	29.9	14.4	0.0	0.00	89.9	2.9	0.0	0.0	350	12-May
PX01	85	133	31.40	32.9	14.4	0.0	0.00	73.5	1.5	0.0	0.0	350	13-May
PX01	85	134	31.80	34.3	14.7	0.0	0.00	63.6	-5.0	0.0	0.0	350	14-May
PX01	85	135	27.40	37.8	16.2	0.0	0.00	133.5	-1.4	0.0	0.0	350	15-May
PX01	85	136	20.10	35.5	24.4	0.0	0.00	145.7	3.8	0.0	0.0	350	16-May
PX01	85	137	31.00	37.2	20.9	0.0	0.00	96.6	9.7	0.0	0.0	350	17-May
PX01	85	138	31.40	38.4	21.1	0.0	0.00	147.2	5.9	0.0	0.0	350	18-May
PX01	85	139	32.30	35.5	19.3	0.0	0.00	179.5	0.9	0.0	0.0	350	19-May

INSTW	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
	JUL		XTMAX		XRAIN		WIND		STMAX	CO2			
PX01	85	140	31.80	36.4	19.4	0.0	0.00	179.7	2.9	0.0	0.0	350	20-May
PX01	85	141	31.50	34.4	19.8	0.0	0.00	133.5	5.9	0.0	0.0	350	21-May
PX01	85	142	30.50	37.7	17.3	0.0	0.00	110.3	6.1	0.0	0.0	350	22-May
PX01	85	143	22.70	37.6	19.9	0.0	0.00	122.7	6.1	0.0	0.0	350	23-May
PX01	85	144	28.90	39.9	19.9	0.0	0.00	156.4	6.5	0.0	0.0	350	24-May
PX01	85	145	32.10	39.0	20.7	0.0	0.00	172.2	5.8	0.0	0.0	350	25-May
PX01	85	146	32.40	38.1	19.0	0.0	0.00	179.1	6.2	0.0	0.0	350	26-May
PX01	85	147	31.60	38.3	20.9	0.0	0.00	142.1	5.3	0.0	0.0	350	27-May
PX01	85	148	32.40	39.5	19.0	0.0	0.00	109.7	5.4	0.0	0.0	350	28-May
PX01	85	149	26.90	40.0	23.7	0.0	0.00	89.5	6.5	0.0	0.0	350	29-May
PX01	85	150	20.00	36.4	24.5	0.0	0.00	88.1	6.8	0.0	0.0	350	30-May
PX01	85	151	32.60	35.5	20.7	0.0	0.00	182.4	8.0	0.0	0.0	350	31-May
PX01	85	152	31.70	33.5	18.6	0.0	0.00	100.8	4.8	0.0	0.0	350	01-Jun
PX01	85	153	32.00	36.3	18.4	0.0	0.00	137.8	3.6	0.0	0.0	350	02-Jun
PX01	85	154	31.30	32.6	19.6	0.0	0.00	149.8	5.3	0.0	0.0	350	03-Jun
PX01	85	155	31.70	35.2	16.5	0.0	0.00	118.9	5.9	0.0	0.0	350	04-Jun
PX01	85	156	31.30	38.4	20.6	0.0	0.00	121.9	8.4	0.0	0.0	350	05-Jun
PX01	85	157	30.90	42.8	21.7	0.0	0.00	96.6	8.8	0.0	0.0	350	06-Jun
PX01	85	158	25.90	46.3	24.2	0.0	0.00	86.8	8.9	0.0	0.0	350	07-Jun
PX01	85	159	31.50	44.8	25.5	0.0	0.00	195.8	9.9	0.0	0.0	350	08-Jun
PX01	85	160	31.30	45.3	24.1	0.0	0.00	179.0	8.2	0.0	0.0	350	09-Jun
PX01	85	161	32.10	43.3	24.7	0.0	0.00	224.1	9.5	0.0	0.0	350	10-Jun
PX01	85	162	31.30	41.7	24.7	0.0	0.00	199.9	10.3	0.0	0.0	350	11-Jun
PX01	85	163	31.10	43.7	25.6	0.0	0.00	222.0	11.1	0.0	0.0	350	12-Jun
PX01	85	164	31.50	43.2	25.8	0.0	0.00	201.4	7.3	0.0	0.0	350	13-Jun
PX01	85	165	30.40	42.0	24.3	0.0	0.00	167.3	7.7	0.0	0.0	350	14-Jun
PX01	85	166	32.00	43.2	22.4	0.0	0.00	90.5	7.0	0.0	0.0	350	15-Jun
PX01	85	167	32.00	43.6	23.6	0.0	0.00	87.3	7.5	0.0	0.0	350	16-Jun
PX01	85	168	31.70	44.3	23.6	0.0	0.00	85.1	6.8	0.0	0.0	350	17-Jun
PX01	85	169	30.40	44.6	23.8	0.0	0.00	116.3	8.0	0.0	0.0	350	18-Jun
PX01	85	170	27.10	42.8	26.3	0.0	0.00	91.6	9.8	0.0	0.0	350	19-Jun
PX01	85	171	30.10	41.6	28.4	0.0	0.00	118.6	13.2	0.0	0.0	350	20-Jun
PX01	85	172	31.10	38.5	25.2	0.0	0.00	100.7	9.5	0.0	0.0	350	21-Jun
PX01	85	173	27.70	39.3	24.4	0.0	0.00	136.2	10.6	0.0	0.0	350	22-Jun
PX01	85	174	21.10	39.9	25.7	0.0	0.00	71.4	11.0	0.0	0.0	350	23-Jun
PX01	85	175	12.90	37.2	27.2	0.0	0.00	126.3	10.7	0.0	0.0	350	24-Jun
PX01	85	176	31.20	35.8	22.5	0.0	0.00	97.5	8.2	0.0	0.0	350	25-Jun
PX01	85	177	32.60	38.9	23.0	0.0	0.00	103.2	4.3	0.0	0.0	350	26-Jun
PX01	85	178	32.10	42.6	19.6	0.0	0.00	62.1	3.0	0.0	0.0	350	27-Jun
PX01	85	179	31.80	42.2	22.8	0.0	0.00	91.1	6.5	0.0	0.0	350	28-Jun
PX01	85	180	28.80	39.6	23.5	0.0	0.00	118.9	10.3	0.0	0.0	350	29-Jun
PX01	85	181	30.70	41.2	23.0	0.0	0.00	105.3	9.2	0.0	0.0	350	30-Jun
PX01	85	182	30.50	45.0	23.6	0.0	0.00	141.0	8.8	0.0	0.0	350	01-Jul
PX01	85	183	31.60	44.0	25.6	0.0	0.00	146.3	7.1	0.0	0.0	350	02-Jul
PX01	85	184	30.98	42.9	26.2	0.0	0.00	81.4	10.3	0.0	0.0	350	03-Jul
PX01	85	185	30.49	38.8	26.8	0.0	0.00	96.5	13.0	0.0	0.0	350	04-Jul
PX01	85	186	29.52	40.7	27.4	0.0	0.00	111.4	15.4	0.0	0.0	350	05-Jul
PX01	85	187	29.40	39.6	28.1	0.0	0.00	125.6	17.9	0.0	0.0	350	06-Jul
PX01	85	188	28.20	41.0	29.9	0.0	0.00	136.1	16.6	0.0	0.0	350	07-Jul
PX01	85	189	26.30	45.8	30.4	0.0	0.00	142.8	13.6	0.0	0.0	350	08-Jul
PX01	85	190	29.40	39.6	31.1	0.0	0.00	146.2	17.9	0.0	0.0	350	09-Jul
PX01	85	191	29.70	40.7	28.8	0.0	0.00	133.1	17.2	0.0	0.0	350	10-Jul

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX01	85	192	29.30	42.1	28.3	0.0	0.00	107.4	17.4	0.0	0.0	350	11-Jul
PX01	85	193	28.40	43.5	30.9	0.0	0.00	110.2	15.9	0.0	0.0	350	12-Jul
PX01	85	194	22.80	39.8	27.2	0.0	0.00	123.7	19.2	0.0	0.0	350	13-Jul
PX01	85	195	27.70	39.8	29.1	0.0	0.00	147.6	20.3	0.0	0.0	350	14-Jul
PX01	85	196	29.20	38.2	28.9	23.0	0.00	185.1	20.7	0.0	0.0	350	15-Jul
PX01	85	197	26.20	35.5	23.1	0.0	0.00	97.8	23.1	0.0	0.0	350	16-Jul
PX01	85	198	30.30	36.9	26.8	0.0	0.00	168.8	21.7	0.0	0.0	350	17-Jul
PX01	85	199	18.30	30.8	23.0	5.0	0.00	110.3	22.5	0.0	0.0	350	18-Jul
PX01	85	200	19.20	33.2	25.2	0.0	0.00	129.1	21.5	0.0	0.0	350	19-Jul
PX01	85	201	28.80	37.0	27.1	0.0	0.00	91.9	21.1	0.0	0.0	350	20-Jul
PX01	85	202	30.80	36.8	26.6	0.0	0.00	127.3	19.7	0.0	0.0	350	21-Jul
PX01	85	203	30.80	37.3	28.0	0.0	0.00	133.5	18.3	0.0	0.0	350	22-Jul
PX01	85	204	31.20	38.0	26.3	0.0	0.00	107.5	17.6	0.0	0.0	350	23-Jul
PX01	85	205	30.39	39.7	25.3	0.0	0.00	89.8	10.9	0.0	0.0	350	24-Jul
PX01	85	206	30.80	39.7	25.3	0.0	0.00	135.7	10.9	0.0	0.0	350	25-Jul
PX01	85	207	30.60	40.7	24.2	0.0	0.00	125.5	13.7	0.0	0.0	350	26-Jul
PX01	85	208	22.00	38.8	30.4	0.0	0.00	235.4	15.9	0.0	0.0	350	27-Jul
PX01	85	209	25.60	36.7	28.6	0.0	0.00	171.5	18.9	0.0	0.0	350	28-Jul
PX01	85	210	25.70	38.0	28.4	0.0	0.00	123.4	20.2	0.0	0.0	350	29-Jul
PX01	85	211	30.00	39.9	28.3	0.0	0.00	114.3	19.7	0.0	0.0	350	30-Jul
PX01	85	212	29.90	42.3	28.5	0.0	0.00	117.6	14.8	0.0	0.0	350	31-Jul
PX01	85	213	18.60	37.0	27.0	0.0	0.00	167.2	19.2	0.0	0.0	350	01-Aug
PX01	85	214	24.80	37.7	27.5	0.0	0.00	145.1	20.6	0.0	0.0	350	02-Aug
PX01	85	215	28.50	38.0	27.4	0.0	0.00	86.6	20.3	0.0	0.0	350	03-Aug
PX01	85	216	29.60	38.7	28.3	0.0	0.00	116.4	18.0	0.0	0.0	350	04-Aug
PX01	85	217	28.50	38.5	27.2	0.0	0.00	108.4	13.9	0.0	0.0	350	05-Aug
PX01	85	218	28.80	38.9	26.0	0.0	0.00	110.5	17.2	0.0	0.0	350	06-Aug
PX01	85	219	26.50	39.4	28.8	0.0	0.00	139.5	18.9	0.0	0.0	350	07-Aug
PX01	85	220	28.50	40.6	27.7	0.0	0.00	110.9	18.5	0.0	0.0	350	08-Aug
PX01	85	221	29.50	37.9	27.6	0.0	0.00	121.6	16.2	0.0	0.0	350	09-Aug
PX01	85	222	29.00	39.1	26.6	0.0	0.00	160.3	15.3	0.0	0.0	350	10-Aug
PX01	85	223	26.80	37.9	29.0	0.0	0.00	197.5	19.2	0.0	0.0	350	11-Aug
PX01	85	224	29.40	36.8	25.4	0.0	0.00	168.4	13.4	0.0	0.0	350	12-Aug
PX01	85	225	29.40	39.1	24.4	0.0	0.00	178.5	12.1	0.0	0.0	350	13-Aug
PX01	85	226	30.10	40.8	21.9	0.0	0.00	176.8	7.7	0.0	0.0	350	14-Aug
PX01	85	227	29.10	40.8	20.8	0.0	0.00	174.9	6.4	0.0	0.0	350	15-Aug
PX01	85	228	28.50	41.1	22.9	0.0	0.00	189.7	10.3	0.0	0.0	350	16-Aug
PX01	85	229	19.30	36.5	26.4	0.0	0.00	191.4	14.8	0.0	0.0	350	17-Aug
PX01	85	230	27.20	39.1	26.7	0.0	0.00	210.5	17.7	0.0	0.0	350	18-Aug
PX01	85	231	27.40	38.5	28.1	0.0	0.00	228.7	18.8	0.0	0.0	350	19-Aug
PX01	85	232	20.20	33.8	23.4	21.0	0.00	112.9	22.2	0.0	0.0	350	20-Aug
PX01	85	233	27.30	37.3	25.5	0.0	0.00	65.3	21.9	0.0	0.0	350	21-Aug
PX01	85	234	26.90	39.2	26.3	0.0	0.00	61.9	20.2	0.0	0.0	350	22-Aug
PX01	85	235	27.80	41.6	25.8	0.0	0.00	75.1	18.1	0.0	0.0	350	23-Aug
PX01	85	236	24.10	42.9	27.7	0.0	0.00	128.9	16.0	0.0	0.0	350	24-Aug
PX01	85	237	22.20	42.5	30.9	0.0	0.00	162.1	17.4	0.0	0.0	350	25-Aug
PX01	85	238	25.00	38.3	29.6	0.0	0.00	201.6	18.9	0.0	0.0	350	26-Aug
PX01	85	239	24.80	40.3	29.3	0.0	0.00	196.6	20.6	0.0	0.0	350	27-Aug
PX01	85	240	26.20	41.6	27.4	0.0	0.00	175.3	18.8	0.0	0.0	350	28-Aug
PX01	85	241	25.80	43.5	29.2	0.0	0.00	173.0	17.7	0.0	0.0	350	29-Aug
PX01	85	242	26.60	41.5	29.2	0.0	0.00	222.5	18.2	0.0	0.0	350	30-Aug
PX01	85	243	26.10	38.7	27.7	6.0	0.00	227.0	19.8	0.0	0.0	350	31-Aug

INSTW	IYR	SOLRAD		XTMIN		XRAIN	XPAR	DEWPT		STMIN		CO2	A00
	JUL		XTMAX		WIND			STMAX					
PX01	85	244	23.40	35.2	24.2	0.0	0.00	96.8	21.0	0.0	0.0	350	01-Sep
PX01	85	245	25.20	39.1	25.9	0.0	0.00	114.9	18.9	0.0	0.0	350	02-Sep
PX01	85	246	23.60	39.8	26.6	0.0	0.00	160.4	14.5	0.0	0.0	350	03-Sep
PX01	85	247	21.60	35.2	23.2	0.0	0.00	176.5	11.3	0.0	0.0	350	04-Sep
PX01	85	248	23.40	32.1	19.5	0.0	0.00	98.3	10.9	0.0	0.0	350	05-Sep
PX01	85	249	19.40	33.5	20.0	0.0	0.00	132.7	13.2	0.0	0.0	350	06-Sep
PX01	85	250	26.10	34.0	20.1	0.0	0.00	101.3	12.4	0.0	0.0	350	07-Sep
PX01	85	251	24.90	36.3	19.6	0.0	0.00	115.3	10.5	0.0	0.0	350	08-Sep
PX01	85	252	16.00	32.6	21.0	0.0	0.00	78.9	10.0	0.0	0.0	350	09-Sep
PX01	85	253	13.80	33.1	23.0	0.0	0.00	83.2	11.9	0.0	0.0	350	10-Sep
PX01	85	254	24.10	30.8	18.4	0.0	0.00	189.4	12.8	0.0	0.0	350	11-Sep
PX01	85	255	25.10	33.4	13.9	0.0	0.00	54.0	5.1	0.0	0.0	350	12-Sep
PX01	85	256	24.80	36.1	15.5	0.0	0.00	77.7	8.2	0.0	0.0	350	13-Sep
PX01	85	257	22.40	47.1	20.3	0.0	0.00	73.5	13.4	0.0	0.0	350	14-Sep
PX01	85	258	17.00	38.1	25.8	0.0	0.00	107.0	15.8	0.0	0.0	350	15-Sep
PX01	85	259	16.50	38.2	23.1	0.0	0.00	91.6	12.1	0.0	0.0	350	16-Sep
PX01	85	260	24.10	39.1	22.3	0.0	0.00	150.9	12.0	0.0	0.0	350	17-Sep
PX01	85	261	11.90	27.1	17.1	17.0	0.00	145.6	13.0	0.0	0.0	350	18-Sep
PX01	85	262	23.60	28.9	15.7	1.0	0.00	99.1	14.0	0.0	0.0	350	19-Sep
PX01	85	263	23.30	29.0	15.4	0.0	0.00	57.6	12.1	0.0	0.0	350	20-Sep
PX01	85	264	23.60	31.0	16.5	0.0	0.00	48.5	12.1	0.0	0.0	350	21-Sep
PX01	85	265	23.50	32.8	17.6	0.0	0.00	101.0	12.7	0.0	0.0	350	22-Sep
PX01	85	266	19.50	34.8	19.1	0.0	0.00	75.0	12.3	0.0	0.0	350	23-Sep
PX01	85	267	22.90	36.6	18.2	0.0	0.00	72.3	11.1	0.0	0.0	350	24-Sep
PX01	85	268	21.20	35.8	18.8	0.0	0.00	89.7	13.0	0.0	0.0	350	25-Sep
PX01	85	269	21.80	36.7	19.9	5.0	0.00	108.8	14.9	0.0	0.0	350	26-Sep
PX01	85	270	18.50	32.2	20.8	1.0	0.00	169.8	16.0	0.0	0.0	350	27-Sep
PX01	85	271	15.00	29.0	20.8	0.0	0.00	170.0	16.1	0.0	0.0	350	28-Sep
PX01	85	272	21.90	30.5	17.2	0.0	0.00	73.8	14.7	0.0	0.0	350	29-Sep
PX01	85	273	16.90	32.1	19.6	0.0	0.00	60.2	12.5	0.0	0.0	350	30-Sep
PX01	85	274	20.90	33.3	16.6	0.0	0.00	60.5	10.9	0.0	0.0	350	01-Oct
PX01	85	275	20.80	32.8	19.7	0.0	0.00	76.1	12.1	0.0	0.0	350	02-Oct



FILENAME: PX130407.W85

WEATHER DATA FOR NO CHAMBER, IRRIGATION=WET, REP=#2

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC     ↓     CO2YR WINDYR  
 PX13 33.40 112.00 2.30 0 1 1 0 1 350 0.0

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
<u>INSTW</u>	<u>JUL</u>		<u>XTMAX</u>		<u>XRAIN</u>	<u>WIND</u>		<u>STMAX</u>		<u>CO2</u>			
PX13	85	94	26.21	32.0	12.2	0.0	0.00	164.2	2.1	0.0	0.0	350	04-Apr
PX13	85	95	26.37	29.1	11.0	0.0	0.00	276.5	1.3	0.0	0.0	350	05-Apr
PX13	85	96	25.00	30.6	12.4	0.0	0.00	164.2	-3.3	0.0	0.0	350	06-Apr
PX13	85	97	27.14	34.6	13.8	0.0	0.00	276.5	-5.0	0.0	0.0	350	07-Apr
PX13	85	98	24.85	35.7	15.1	0.0	0.00	164.2	-6.0	0.0	0.0	350	08-Apr
PX13	85	99	26.51	33.5	17.2	0.0	0.00	236.5	-1.2	0.0	0.0	350	09-Apr
PX13	85	100	26.91	33.2	17.4	0.0	0.00	150.6	3.2	0.0	0.0	350	10-Apr
PX13	85	101	27.91	34.3	13.5	0.0	0.00	152.3	6.1	0.0	0.0	350	11-Apr
PX13	85	102	27.79	34.8	12.9	0.0	0.00	141.9	6.4	0.0	0.0	350	12-Apr
PX13	85	103	25.67	33.2	13.1	0.0	0.00	131.4	5.9	0.0	0.0	350	13-Apr
PX13	85	104	24.98	24.8	12.4	0.0	0.00	160.9	2.5	0.0	0.0	350	14-Apr
PX13	85	105	24.60	30.2	11.9	0.0	0.00	178.8	0.2	0.0	0.0	350	15-Apr
PX13	85	106	23.42	34.9	15.1	0.0	0.00	164.2	-0.0	0.0	0.0	350	16-Apr
PX13	85	107	24.54	32.4	19.3	0.0	0.00	276.5	1.1	0.0	0.0	350	17-Apr
PX13	85	108	25.31	22.9	10.2	0.0	0.00	250.6	1.7	0.0	0.0	350	18-Apr
PX13	85	109	28.01	26.4	8.0	0.0	0.00	112.3	4.5	0.0	0.0	350	19-Apr
PX13	85	110	21.55	26.6	10.2	0.0	0.00	241.9	3.0	0.0	0.0	350	20-Apr
PX13	85	111	12.79	22.0	13.1	0.0	0.00	181.4	2.1	0.0	0.0	350	21-Apr
PX13	85	112	27.99	24.8	8.6	0.0	0.00	120.9	2.9	0.0	0.0	350	22-Apr
PX13	85	113	29.60	30.2	11.9	0.0	0.00	78.8	1.5	0.0	0.0	350	23-Apr
PX13	85	114	29.00	33.7	15.1	0.0	0.00	105.4	2.1	0.0	0.0	350	24-Apr
PX13	85	115	29.60	30.3	17.8	0.0	0.00	228.7	1.3	0.0	0.0	350	25-Apr
PX13	85	116	22.60	20.4	13.0	0.0	0.00	204.4	-3.3	0.0	0.0	350	26-Apr
PX13	85	117	12.50	21.6	11.5	0.0	0.00	128.8	-5.0	0.0	0.0	350	27-Apr
PX13	85	118	21.50	21.4	12.1	3.0	0.00	86.8	-6.0	0.0	0.0	350	28-Apr
PX13	85	119	29.20	28.8	11.4	0.0	0.00	87.8	-1.2	0.0	0.0	350	29-Apr
PX13	85	120	27.80	35.9	16.7	0.0	0.00	88.5	3.2	0.0	0.0	350	30-Apr
PX13	85	121	27.80	38.8	20.3	0.0	0.00	141.0	6.1	0.0	0.0	350	01-May
PX13	85	122	27.30	37.5	22.2	0.0	0.00	115.7	6.4	0.0	0.0	350	02-May
PX13	85	123	28.80	37.5	23.5	23.4	0.00	123.3	5.9	0.0	0.0	350	03-May
PX13	85	124	30.50	36.1	20.6	0.0	0.00	148.3	2.5	0.0	0.0	350	04-May
PX13	85	125	25.10	34.6	18.3	0.0	0.00	118.0	0.2	0.0	0.0	350	05-May
PX13	85	126	30.60	34.8	17.9	0.0	0.00	118.9	-0.0	0.0	0.0	350	06-May
PX13	85	127	22.90	34.4	17.5	0.0	0.00	59.5	1.1	0.0	0.0	350	07-May
PX13	85	128	28.00	37.4	17.8	0.0	0.00	75.3	1.7	0.0	0.0	350	08-May
PX13	85	129	19.70	37.8	21.9	0.0	0.00	178.3	4.5	0.0	0.0	350	09-May
PX13	85	130	31.70	27.1	19.2	0.0	0.00	236.4	3.0	0.0	0.0	350	10-May
PX13	85	131	30.90	28.6	14.4	0.0	0.00	100.8	2.1	0.0	0.0	350	11-May
PX13	85	132	31.10	29.9	14.9	0.0	0.00	89.9	2.9	0.0	0.0	350	12-May
PX13	85	133	31.40	32.7	15.6	0.0	0.00	73.5	1.5	0.0	0.0	350	13-May
PX13	85	134	31.80	34.1	16.8	0.0	0.00	63.6	-5.4	0.0	0.0	350	14-May
PX13	85	135	27.40	37.5	17.4	0.0	0.00	133.5	0.6	0.0	0.0	350	15-May
PX13	85	136	20.10	35.4	25.0	0.0	0.00	145.7	3.6	0.0	0.0	350	16-May
PX13	85	137	31.00	36.8	21.4	0.0	0.00	96.6	7.0	0.0	0.0	350	17-May
PX13	85	138	31.40	37.8	21.9	0.0	0.00	147.2	5.8	0.0	0.0	350	18-May
PX13	85	139	32.30	35.4	20.7	0.0	0.00	179.5	2.7	0.0	0.0	350	19-May

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL	XTMAX		XRAIN	WIND	STMAX	CO2						
PX13	85	140	31.80	35.9	20.4	0.0	0.00	179.7	2.7	0.0	0.0	350	20-May
PX13	85	141	31.50	34.9	20.4	0.0	0.00	133.5	5.4	0.0	0.0	350	21-May
PX13	85	142	30.50	37.2	19.2	0.0	0.00	110.3	5.8	0.0	0.0	350	22-May
PX13	85	143	22.70	36.6	20.3	0.0	0.00	122.7	6.1	0.0	0.0	350	23-May
PX13	85	144	28.90	39.3	21.3	0.0	0.00	156.4	8.5	0.0	0.0	350	24-May
PX13	85	145	32.10	38.0	22.1	0.0	0.00	172.2	5.0	0.0	0.0	350	25-May
PX13	85	146	32.40	37.6	20.1	0.0	0.00	179.1	3.8	0.0	0.0	350	26-May
PX13	85	147	31.60	37.5	21.8	0.0	0.00	142.1	4.1	0.0	0.0	350	27-May
PX13	85	148	32.40	40.2	20.2	0.0	0.00	109.7	7.1	0.0	0.0	350	28-May
PX13	85	149	26.90	40.0	23.7	0.0	0.00	89.5	9.7	0.0	0.0	350	29-May
PX13	85	150	20.00	36.4	24.5	0.0	0.00	88.1	12.0	0.0	0.0	350	30-May
PX13	85	151	32.60	36.0	21.4	0.0	0.00	182.4	7.8	0.0	0.0	350	31-May
PX13	85	152	31.70	34.3	19.3	0.0	0.00	100.8	4.6	0.0	0.0	350	01-Jun
PX13	85	153	32.00	36.4	19.5	0.0	0.00	137.8	3.6	0.0	0.0	350	02-Jun
PX13	85	154	31.30	32.7	20.2	0.0	0.00	149.8	5.1	0.0	0.0	350	03-Jun
PX13	85	155	31.70	35.4	17.5	0.0	0.00	118.9	5.8	0.0	0.0	350	04-Jun
PX13	85	156	31.30	39.3	21.2	0.0	0.00	121.9	8.4	0.0	0.0	350	05-Jun
PX13	85	157	30.90	43.5	23.0	0.0	0.00	96.6	8.8	0.0	0.0	350	06-Jun
PX13	85	158	25.90	46.2	25.6	0.0	0.00	86.8	9.0	0.0	0.0	350	07-Jun
PX13	85	159	31.50	44.9	26.4	0.0	0.00	195.8	9.9	0.0	0.0	350	08-Jun
PX13	85	160	31.30	44.6	25.7	0.0	0.00	179.0	8.4	0.0	0.0	350	09-Jun
PX13	85	161	32.10	45.1	26.2	0.0	0.00	224.1	11.5	0.0	0.0	350	10-Jun
PX13	85	162	31.30	42.5	26.0	0.0	0.00	199.9	13.2	0.0	0.0	350	11-Jun
PX13	85	163	31.10	44.5	26.6	0.0	0.00	222.0	12.7	0.0	0.0	350	12-Jun
PX13	85	164	31.50	44.5	26.4	0.0	0.00	201.4	9.4	0.0	0.0	350	13-Jun
PX13	85	165	30.40	43.6	25.4	0.0	0.00	167.3	11.1	0.0	0.0	350	14-Jun
PX13	85	166	32.00	43.0	24.4	0.0	0.00	90.5	8.9	0.0	0.0	350	15-Jun
PX13	85	167	32.00	45.1	24.0	0.0	0.00	87.3	10.3	0.0	0.0	350	16-Jun
PX13	85	168	31.70	45.1	24.0	0.0	0.00	85.1	9.0	0.0	0.0	350	17-Jun
PX13	85	169	30.40	45.5	24.5	0.0	0.00	116.3	9.0	0.0	0.0	350	18-Jun
PX13	85	170	27.10	41.6	25.5	0.0	0.00	91.6	14.6	0.0	0.0	350	19-Jun
PX13	85	171	30.10	40.8	26.9	0.0	0.00	118.6	14.1	0.0	0.0	350	20-Jun
PX13	85	172	31.10	40.0	24.3	0.0	0.00	100.7	13.3	0.0	0.0	350	21-Jun
PX13	85	173	27.70	41.2	25.4	0.0	0.00	136.2	13.3	0.0	0.0	350	22-Jun
PX13	85	174	21.10	39.4	26.4	0.0	0.00	71.4	15.2	0.0	0.0	350	23-Jun
PX13	85	175	12.90	37.6	25.5	0.0	0.00	126.3	15.2	0.0	0.0	350	24-Jun
PX13	85	176	31.20	41.4	22.9	0.0	0.00	97.5	9.4	0.0	0.0	350	25-Jun
PX13	85	177	32.60	43.0	20.6	0.0	0.00	103.2	8.2	0.0	0.0	350	26-Jun
PX13	85	178	32.10	43.6	23.2	0.0	0.00	62.1	9.9	0.0	0.0	350	27-Jun
PX13	85	179	31.80	43.0	20.6	0.0	0.00	91.1	7.5	0.0	0.0	350	28-Jun
PX13	85	180	28.80	40.0	23.9	0.0	0.00	118.9	11.6	0.0	0.0	350	29-Jun
PX13	85	181	30.70	45.8	21.6	0.0	0.00	105.3	11.1	0.0	0.0	350	30-Jun
PX13	85	182	30.50	44.1	24.4	0.0	0.00	141.0	11.3	0.0	0.0	350	01-Jul
PX13	85	183	31.60	44.5	26.2	0.0	0.00	146.3	10.1	0.0	0.0	350	02-Jul
PX13	85	184	30.98	42.9	26.2	0.0	0.00	81.4	10.9	0.0	0.0	350	03-Jul
PX13	85	185	30.49	38.8	26.8	0.0	0.00	96.5	13.0	0.0	0.0	350	04-Jul
PX13	85	186	29.52	40.7	27.4	0.0	0.00	111.4	15.8	0.0	0.0	350	05-Jul
PX13	85	187	29.40	40.9	27.0	0.0	0.00	125.6	20.7	0.0	0.0	350	06-Jul
PX13	85	188	28.20	43.4	29.4	0.0	0.00	136.1	18.4	0.0	0.0	350	07-Jul
PX13	85	189	26.30	45.8	31.2	0.0	0.00	142.8	16.3	0.0	0.0	350	08-Jul
PX13	85	190	29.40	41.1	29.9	0.0	0.00	146.2	18.9	0.0	0.0	350	09-Jul
PX13	85	191	29.70	40.5	29.3	0.0	0.00	133.1	18.6	0.0	0.0	350	10-Jul

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX	CO2			
PX13	85	192	29.30	43.5	27.6	0.0	0.00	107.4	19.6	0.0	0.0	350	11-Jul
PX13	85	193	28.40	44.9	31.6	0.0	0.00	110.2	18.4	0.0	0.0	350	12-Jul
PX13	85	194	22.80	42.0	29.0	0.0	0.00	123.7	19.6	0.0	0.0	350	13-Jul
PX13	85	195	27.70	42.4	30.7	0.0	0.00	147.6	19.5	0.0	0.0	350	14-Jul
PX13	85	196	29.20	40.5	29.1	23.0	0.00	185.1	20.6	0.0	0.0	350	15-Jul
PX13	85	197	26.20	37.3	24.2	0.0	0.00	97.8	23.8	0.0	0.0	350	16-Jul
PX13	85	198	30.30	39.5	27.5	0.0	0.00	168.8	22.6	0.0	0.0	350	17-Jul
PX13	85	199	18.30	32.9	24.6	5.0	0.00	110.3	23.1	0.0	0.0	350	18-Jul
PX13	85	200	19.20	36.2	26.2	0.0	0.00	129.1	22.2	0.0	0.0	350	19-Jul
PX13	85	201	28.80	38.1	28.5	0.0	0.00	91.9	22.3	0.0	0.0	350	20-Jul
PX13	85	202	30.80	39.5	27.0	0.0	0.00	127.3	21.5	0.0	0.0	350	21-Jul
PX13	85	203	30.80	40.5	28.5	0.0	0.00	133.5	19.9	0.0	0.0	350	22-Jul
PX13	85	204	31.20	39.2	26.2	0.0	0.00	107.5	17.5	0.0	0.0	350	23-Jul
PX13	85	205	30.39	39.7	25.3	0.0	0.00	89.8	10.9	0.0	0.0	350	24-Jul
PX13	85	206	30.80	40.2	25.6	0.0	0.00	135.7	12.9	0.0	0.0	350	25-Jul
PX13	85	207	30.60	42.0	25.5	0.0	0.00	125.5	15.4	0.0	0.0	350	26-Jul
PX13	85	208	22.00	40.5	30.6	0.0	0.00	235.4	17.4	0.0	0.0	350	27-Jul
PX13	85	209	25.60	40.0	29.1	0.0	0.00	171.5	20.1	0.0	0.0	350	28-Jul
PX13	85	210	25.70	40.4	29.2	0.0	0.00	123.4	21.1	0.0	0.0	350	29-Jul
PX13	85	211	30.00	41.2	29.7	0.0	0.00	114.3	20.7	0.0	0.0	350	30-Jul
PX13	85	212	29.90	44.2	28.6	0.0	0.00	117.6	16.1	0.0	0.0	350	31-Jul
PX13	85	213	18.60	39.0	29.7	0.0	0.00	167.2	20.0	0.0	0.0	350	01-Aug
PX13	85	214	24.80	39.9	28.1	0.0	0.00	145.1	21.3	0.0	0.0	350	02-Aug
PX13	85	215	28.50	40.7	29.5	0.0	0.00	86.6	21.3	0.0	0.0	350	03-Aug
PX13	85	216	29.60	41.1	28.7	0.0	0.00	116.4	19.5	0.0	0.0	350	04-Aug
PX13	85	217	28.50	42.1	27.7	0.0	0.00	108.4	15.5	0.0	0.0	350	05-Aug
PX13	85	218	28.80	40.5	25.8	0.0	0.00	110.5	18.5	0.0	0.0	350	06-Aug
PX13	85	219	26.50	41.9	28.7	0.0	0.00	139.5	20.4	0.0	0.0	350	07-Aug
PX13	85	220	28.50	41.3	27.7	0.0	0.00	110.9	20.2	0.0	0.0	350	08-Aug
PX13	85	221	29.50	41.0	27.3	0.0	0.00	121.6	17.7	0.0	0.0	350	09-Aug
PX13	85	222	29.00	40.9	26.8	0.0	0.00	160.3	17.1	0.0	0.0	350	10-Aug
PX13	85	223	26.80	40.5	29.1	0.0	0.00	197.5	20.3	0.0	0.0	350	11-Aug
PX13	85	224	29.40	37.6	25.8	0.0	0.00	168.4	14.1	0.0	0.0	350	12-Aug
PX13	85	225	29.40	38.7	25.4	0.0	0.00	178.5	11.8	0.0	0.0	350	13-Aug
PX13	85	226	30.10	40.2	23.2	0.0	0.00	176.8	7.4	0.0	0.0	350	14-Aug
PX13	85	227	29.10	40.5	21.8	0.0	0.00	174.9	6.2	0.0	0.0	350	15-Aug
PX13	85	228	28.50	40.9	24.4	0.0	0.00	189.7	10.0	0.0	0.0	350	16-Aug
PX13	85	229	19.30	37.3	27.0	0.0	0.00	191.4	14.4	0.0	0.0	350	17-Aug
PX13	85	230	27.20	38.9	27.1	0.0	0.00	210.5	17.3	0.0	0.0	350	18-Aug
PX13	85	231	27.40	39.1	28.6	0.0	0.00	228.7	18.4	0.0	0.0	350	19-Aug
PX13	85	232	20.20	35.2	23.6	21.0	0.00	112.9	21.6	0.0	0.0	350	20-Aug
PX13	85	233	27.30	37.5	26.3	0.0	0.00	65.3	21.3	0.0	0.0	350	21-Aug
PX13	85	234	26.90	39.7	26.9	0.0	0.00	61.9	19.6	0.0	0.0	350	22-Aug
PX13	85	235	27.80	41.9	26.6	0.0	0.00	75.1	17.8	0.0	0.0	350	23-Aug
PX13	85	236	24.10	43.2	28.8	0.0	0.00	128.9	16.1	0.0	0.0	350	24-Aug
PX13	85	237	22.20	42.5	31.3	0.0	0.00	162.1	17.7	0.0	0.0	350	25-Aug
PX13	85	238	25.00	38.8	30.3	0.0	0.00	201.6	19.0	0.0	0.0	350	26-Aug
PX13	85	239	24.80	40.8	29.8	0.0	0.00	196.6	20.7	0.0	0.0	350	27-Aug
PX13	85	240	26.20	42.0	27.9	0.0	0.00	175.3	19.2	0.0	0.0	350	28-Aug
PX13	85	241	25.80	43.5	30.1	0.0	0.00	173.0	18.5	0.0	0.0	350	29-Aug
PX13	85	242	26.60	41.6	29.9	0.0	0.00	222.5	18.7	0.0	0.0	350	30-Aug
PX13	85	243	26.10	39.2	28.4	6.0	0.00	227.0	20.2	0.0	0.0	350	31-Aug

INSTW	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
	JUL		XTMAX		XRAIN		WIND		STMAX	CO2			
PX13	85	244	23.40	35.8	25.8	0.0	0.00	96.8	20.6	0.0	0.0	350	01-Sep
PX13	85	245	25.20	38.7	27.0	0.0	0.00	114.9	18.9	0.0	0.0	350	02-Sep
PX13	85	246	23.60	39.2	27.1	0.0	0.00	160.4	15.2	0.0	0.0	350	03-Sep
PX13	85	247	21.60	32.6	20.2	0.0	0.00	176.5	11.2	0.0	0.0	350	04-Sep
PX13	85	248	23.40	33.2	21.1	0.0	0.00	98.3	13.7	0.0	0.0	350	05-Sep
PX13	85	249	19.40	34.1	20.9	0.0	0.00	132.7	12.6	0.0	0.0	350	06-Sep
PX13	85	250	26.10	35.6	20.4	0.0	0.00	101.3	10.5	0.0	0.0	350	07-Sep
PX13	85	251	24.90	33.1	21.8	0.0	0.00	115.3	10.0	0.0	0.0	350	08-Sep
PX13	85	252	16.00	35.1	23.7	0.0	0.00	78.9	12.0	0.0	0.0	350	09-Sep
PX13	85	253	13.80	34.2	23.5	0.0	0.00	83.2	11.5	0.0	0.0	350	10-Sep
PX13	85	254	24.10	31.8	19.4	0.0	0.00	189.4	12.5	0.0	0.0	350	11-Sep
PX13	85	255	25.10	34.1	14.3	0.0	0.00	54.0	4.8	0.0	0.0	350	12-Sep
PX13	85	256	24.80	36.4	14.7	0.0	0.00	77.7	8.2	0.0	0.0	350	13-Sep
PX13	85	257	22.40	48.2	21.4	0.0	0.00	73.5	13.3	0.0	0.0	350	14-Sep
PX13	85	258	17.00	39.3	25.1	0.0	0.00	107.0	16.8	0.0	0.0	350	15-Sep
PX13	85	259	16.50	38.7	22.5	0.0	0.00	91.6	13.9	0.0	0.0	350	16-Sep
PX13	85	260	24.10	38.5	23.2	0.0	0.00	150.9	12.0	0.0	0.0	350	17-Sep
PX13	85	261	11.90	27.6	17.9	17.0	0.00	145.6	16.4	0.0	0.0	350	18-Sep
PX13	85	262	23.60	29.2	16.2	1.0	0.00	99.1	13.5	0.0	0.0	350	19-Sep
PX13	85	263	23.30	29.2	16.0	0.0	0.00	57.6	11.5	0.0	0.0	350	20-Sep
PX13	85	264	23.60	32.3	17.2	0.0	0.00	48.5	11.4	0.0	0.0	350	21-Sep
PX13	85	265	23.50	33.4	18.2	0.0	0.00	101.0	12.2	0.0	0.0	350	22-Sep
PX13	85	266	19.50	35.0	19.7	0.0	0.00	75.0	11.6	0.0	0.0	350	23-Sep
PX13	85	267	22.90	36.5	19.5	0.0	0.00	72.3	10.1	0.0	0.0	350	24-Sep
PX13	85	268	21.20	36.4	19.7	0.0	0.00	89.7	11.1	0.0	0.0	350	25-Sep
PX13	85	269	21.80	37.2	20.7	5.0	0.00	108.8	12.0	0.0	0.0	350	26-Sep
PX13	85	270	18.50	32.6	21.4	1.0	0.00	169.8	15.7	0.0	0.0	350	27-Sep
PX13	85	271	15.00	28.7	20.8	0.0	0.00	170.0	16.0	0.0	0.0	350	28-Sep
PX13	85	272	21.90	30.7	17.9	0.0	0.00	73.8	14.4	0.0	0.0	350	29-Sep
PX13	85	273	16.90	32.1	19.6	0.0	0.00	60.2	12.0	0.0	0.0	350	30-Sep
PX13	85	274	20.90	33.4	17.0	0.0	0.00	60.5	10.6	0.0	0.0	350	01-Oct
PX13	85	275	20.80	33.0	20.5	0.0	0.00	76.1	12.0	0.0	0.0	350	02-Oct

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC      ↓      CO2YR WINDYR  
 PX06 33.40 112.00 2.30 0 1 1 0 1 350 0.0

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
<u>INSTW</u>	<u>JUL</u>		<u>XTMAX</u>		<u>XRAIN</u>		<u>WIND</u>		<u>STMAX</u>		<u>CO2</u>		
PX06	85	94	26.21	32.0	12.2	0.0	0.00	164.2	2.1	0.0	0.0	350	04-Apr
PX06	85	95	26.37	29.1	11.0	0.0	0.00	276.5	1.3	0.0	0.0	350	05-Apr
PX06	85	96	25.00	30.6	12.4	0.0	0.00	164.2	-3.3	0.0	0.0	350	06-Apr
PX06	85	97	27.14	34.6	13.8	0.0	0.00	276.5	-5.0	0.0	0.0	350	07-Apr
PX06	85	98	24.85	35.7	15.1	0.0	0.00	164.2	-6.0	0.0	0.0	350	08-Apr
PX06	85	99	26.51	33.5	17.2	0.0	0.00	236.5	-1.2	0.0	0.0	350	09-Apr
PX06	85	100	26.91	33.2	17.4	0.0	0.00	150.6	3.2	0.0	0.0	350	10-Apr
PX06	85	101	27.91	34.3	13.5	0.0	0.00	152.3	6.1	0.0	0.0	350	11-Apr
PX06	85	102	27.79	34.8	12.9	0.0	0.00	141.9	6.4	0.0	0.0	350	12-Apr
PX06	85	103	25.67	33.2	13.1	0.0	0.00	131.4	5.9	0.0	0.0	350	13-Apr
PX06	85	104	24.98	24.8	12.4	0.0	0.00	160.9	2.5	0.0	0.0	350	14-Apr
PX06	85	105	24.60	30.2	11.9	0.0	0.00	178.8	0.2	0.0	0.0	350	15-Apr
PX06	85	106	23.42	38.8	18.1	0.0	0.00	164.2	-0.0	0.0	0.0	350	16-Apr
PX06	85	107	24.54	36.1	22.2	0.0	0.00	276.5	1.1	0.0	0.0	350	17-Apr
PX06	85	108	25.31	25.7	13.3	0.0	0.00	250.6	1.7	0.0	0.0	350	18-Apr
PX06	85	109	28.01	29.5	11.2	0.0	0.00	112.3	4.5	0.0	0.0	350	19-Apr
PX06	85	110	21.55	29.8	13.3	0.0	0.00	241.9	3.0	0.0	0.0	350	20-Apr
PX06	85	111	12.79	24.7	11.2	0.0	0.00	181.4	2.1	0.0	0.0	350	21-Apr
PX06	85	112	27.99	27.8	11.8	0.0	0.00	120.9	2.9	0.0	0.0	350	22-Apr
PX06	85	113	29.60	32.4	15.2	0.0	0.00	78.8	3.4	0.0	0.0	350	23-Apr
PX06	85	114	29.00	35.5	14.4	0.0	0.00	105.4	2.3	0.0	0.0	350	24-Apr
PX06	85	115	29.60	30.9	17.5	0.0	0.00	228.7	1.1	0.0	0.0	350	25-Apr
PX06	85	116	22.60	21.3	11.9	0.0	0.00	204.4	0.4	0.0	0.0	350	26-Apr
PX06	85	117	12.50	23.7	10.7	0.0	0.00	128.8	7.4	0.0	0.0	350	27-Apr
PX06	85	118	21.50	22.3	12.1	3.0	0.00	86.8	9.3	0.0	0.0	350	28-Apr
PX06	85	119	29.20	29.8	10.7	0.0	0.00	87.8	8.6	0.0	0.0	350	29-Apr
PX06	85	120	27.80	37.4	16.2	0.0	0.00	88.5	9.4	0.0	0.0	350	30-Apr
PX06	85	121	27.80	39.7	20.1	0.0	0.00	141.0	8.1	0.0	0.0	350	01-May
PX06	85	122	27.30	39.3	21.9	0.0	0.00	115.7	9.2	0.0	0.0	350	02-May
PX06	85	123	28.80	40.4	23.4	23.4	0.00	123.3	7.5	0.0	0.0	350	03-May
PX06	85	124	30.50	38.8	20.6	0.0	0.00	148.3	5.3	0.0	0.0	350	04-May
PX06	85	125	25.10	37.1	18.2	0.0	0.00	118.0	3.2	0.0	0.0	350	05-May
PX06	85	126	30.60	37.8	17.5	0.0	0.00	118.9	2.9	0.0	0.0	350	06-May
PX06	85	127	22.90	37.2	16.9	0.0	0.00	59.5	2.5	0.0	0.0	350	07-May
PX06	85	128	28.00	40.1	17.5	0.0	0.00	75.3	4.6	0.0	0.0	350	08-May
PX06	85	129	19.70	40.0	21.8	0.0	0.00	178.3	6.8	0.0	0.0	350	09-May
PX06	85	130	31.70	29.6	19.6	0.0	0.00	236.4	5.1	0.0	0.0	350	10-May
PX06	85	131	30.90	32.1	14.3	0.0	0.00	100.8	4.5	0.0	0.0	350	11-May
PX06	85	132	31.10	32.5	15.0	0.0	0.00	89.9	5.0	0.0	0.0	350	12-May
PX06	85	133	31.40	35.5	15.4	0.0	0.00	73.5	3.8	0.0	0.0	350	13-May
PX06	85	134	31.80	36.5	15.6	0.0	0.00	63.6	-0.9	0.0	0.0	350	14-May
PX06	85	135	27.40	39.7	17.1	0.0	0.00	133.5	2.3	0.0	0.0	350	15-May
PX06	85	136	20.10	37.7	24.9	0.0	0.00	145.7	6.7	0.0	0.0	350	16-May
PX06	85	137	31.00	39.8	21.5	0.0	0.00	96.6	9.3	0.0	0.0	350	17-May
PX06	85	138	31.40	40.7	22.0	0.0	0.00	147.2	8.2	0.0	0.0	350	18-May
PX06	85	139	32.30	38.4	20.3	0.0	0.00	179.5	4.5	0.0	0.0	350	19-May

INSTW	IYR	SOLRAD		XTMIN		XRAIN	XPAR	WIND	DEWPT	STMIN		CO2	A00
	JUL		XTMAX							STMAX			
PX06	85	140	31.80	38.4	20.2	0.0	0.00	179.7	6.1	0.0	0.0	350	20-May
PX06	85	141	31.50	37.3	20.4	0.0	0.00	133.5	8.1	0.0	0.0	350	21-May
PX06	85	142	30.50	39.9	18.9	0.0	0.00	110.3	8.6	0.0	0.0	350	22-May
PX06	85	143	22.70	39.3	20.4	0.0	0.00	122.7	9.3	0.0	0.0	350	23-May
PX06	85	144	28.90	41.3	21.1	0.0	0.00	156.4	8.8	0.0	0.0	350	24-May
PX06	85	145	32.10	40.7	21.9	0.0	0.00	172.2	8.9	0.0	0.0	350	25-May
PX06	85	146	32.40	40.4	19.6	0.0	0.00	179.1	6.7	0.0	0.0	350	26-May
PX06	85	147	31.60	39.8	21.6	0.0	0.00	142.1	7.1	0.0	0.0	350	27-May
PX06	85	148	32.40	41.0	20.0	0.0	0.00	109.7	8.6	0.0	0.0	350	28-May
PX06	85	149	26.90	40.0	23.7	0.0	0.00	89.5	9.4	0.0	0.0	350	29-May
PX06	85	150	20.00	36.4	24.5	0.0	0.00	88.1	9.5	0.0	0.0	350	30-May
PX06	85	151	32.60	36.8	20.8	0.0	0.00	182.4	8.8	0.0	0.0	350	31-May
PX06	85	152	31.70	35.7	18.8	0.0	0.00	100.8	5.6	0.0	0.0	350	01-Jun
PX06	85	153	32.00	38.1	19.0	0.0	0.00	137.8	4.5	0.0	0.0	350	02-Jun
PX06	85	154	31.30	34.7	19.8	0.0	0.00	149.8	5.9	0.0	0.0	350	03-Jun
PX06	85	155	31.70	36.8	16.9	0.0	0.00	118.9	6.2	0.0	0.0	350	04-Jun
PX06	85	156	31.30	39.7	20.8	0.0	0.00	121.9	9.0	0.0	0.0	350	05-Jun
PX06	85	157	30.90	44.4	22.1	0.0	0.00	96.6	9.4	0.0	0.0	350	06-Jun
PX06	85	158	25.90	47.3	24.7	0.0	0.00	86.8	9.9	0.0	0.0	350	07-Jun
PX06	85	159	31.50	46.3	25.7	0.0	0.00	195.8	10.3	0.0	0.0	350	08-Jun
PX06	85	160	31.30	46.4	24.4	0.0	0.00	179.0	9.2	0.0	0.0	350	09-Jun
PX06	85	161	32.10	44.5	25.5	0.0	0.00	224.1	9.9	0.0	0.0	350	10-Jun
PX06	85	162	31.30	42.0	25.2	0.0	0.00	199.9	11.0	0.0	0.0	350	11-Jun
PX06	85	163	31.10	44.9	26.3	0.0	0.00	222.0	11.4	0.0	0.0	350	12-Jun
PX06	85	164	31.50	44.7	26.1	0.0	0.00	201.4	7.5	0.0	0.0	350	13-Jun
PX06	85	165	30.40	42.0	24.3	0.0	0.00	167.3	9.0	0.0	0.0	350	14-Jun
PX06	85	166	32.00	44.1	22.6	0.0	0.00	90.5	7.8	0.0	0.0	350	15-Jun
PX06	85	167	32.00	45.2	23.7	0.0	0.00	87.3	7.8	0.0	0.0	350	16-Jun
PX06	85	168	31.70	46.2	24.0	0.0	0.00	85.1	7.1	0.0	0.0	350	17-Jun
PX06	85	169	30.40	46.7	24.3	0.0	0.00	116.3	7.5	0.0	0.0	350	18-Jun
PX06	85	170	27.10	44.6	26.5	0.0	0.00	91.6	10.6	0.0	0.0	350	19-Jun
PX06	85	171	30.10	43.2	28.4	0.0	0.00	118.6	13.3	0.0	0.0	350	20-Jun
PX06	85	172	31.10	39.1	25.6	0.0	0.00	100.7	9.9	0.0	0.0	350	21-Jun
PX06	85	173	27.70	40.5	24.3	0.0	0.00	136.2	11.0	0.0	0.0	350	22-Jun
PX06	85	174	21.10	40.9	26.0	0.0	0.00	71.4	11.5	0.0	0.0	350	23-Jun
PX06	85	175	12.90	37.2	27.8	0.0	0.00	126.3	11.3	0.0	0.0	350	24-Jun
PX06	85	176	31.20	38.1	22.5	0.0	0.00	97.5	8.6	0.0	0.0	350	25-Jun
PX06	85	177	32.60	40.8	23.2	0.0	0.00	103.2	4.6	0.0	0.0	350	26-Jun
PX06	85	178	32.10	44.6	19.7	0.0	0.00	62.1	4.3	0.0	0.0	350	27-Jun
PX06	85	179	31.80	41.1	22.3	0.0	0.00	91.1	9.0	0.0	0.0	350	28-Jun
PX06	85	180	28.80	42.0	23.7	0.0	0.00	118.9	9.5	0.0	0.0	350	29-Jun
PX06	85	181	30.70	43.0	23.1	0.0	0.00	105.3	9.9	0.0	0.0	350	30-Jun
PX06	85	182	30.50	45.0	23.7	0.0	0.00	141.0	9.3	0.0	0.0	350	01-Jul
PX06	85	183	31.60	45.7	25.8	0.0	0.00	146.3	7.8	0.0	0.0	350	02-Jul
PX06	85	184	30.98	42.9	26.2	0.0	0.00	81.4	10.3	0.0	0.0	350	03-Jul
PX06	85	185	30.49	38.8	26.8	0.0	0.00	96.5	13.1	0.0	0.0	350	04-Jul
PX06	85	186	29.52	40.7	27.4	0.0	0.00	111.4	15.5	0.0	0.0	350	05-Jul
PX06	85	187	29.40	40.9	27.9	0.0	0.00	125.6	18.6	0.0	0.0	350	06-Jul
PX06	85	188	28.20	42.1	29.7	0.0	0.00	136.1	17.1	0.0	0.0	350	07-Jul
PX06	85	189	26.30	44.9	30.4	0.0	0.00	142.8	14.9	0.0	0.0	350	08-Jul
PX06	85	190	29.40	41.6	31.6	0.0	0.00	146.2	18.0	0.0	0.0	350	09-Jul
PX06	85	191	29.70	42.6	29.0	0.0	0.00	133.1	17.4	0.0	0.0	350	10-Jul

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX06	85	192	29.30	45.0	28.7	0.0	0.00	107.4	17.4	0.0	0.0	350	11-Jul
PX06	85	193	28.40	39.4	28.0	0.0	0.00	110.2	19.2	0.0	0.0	350	12-Jul
PX06	85	194	22.80	41.1	28.1	0.0	0.00	123.7	18.0	0.0	0.0	350	13-Jul
PX06	85	195	27.70	41.4	30.3	0.0	0.00	147.6	18.4	0.0	0.0	350	14-Jul
PX06	85	196	29.20	40.3	28.7	23.0	0.00	185.1	19.5	0.0	0.0	350	15-Jul
PX06	85	197	26.20	35.7	23.4	0.0	0.00	97.8	23.5	0.0	0.0	350	16-Jul
PX06	85	198	30.30	38.4	27.0	0.0	0.00	168.8	22.0	0.0	0.0	350	17-Jul
PX06	85	199	18.30	31.6	23.6	5.0	0.00	110.3	22.8	0.0	0.0	350	18-Jul
PX06	85	200	19.20	33.8	25.3	0.0	0.00	129.1	22.1	0.0	0.0	350	19-Jul
PX06	85	201	28.80	36.5	26.8	0.0	0.00	91.9	21.3	0.0	0.0	350	20-Jul
PX06	85	202	30.80	37.8	26.7	0.0	0.00	127.3	20.6	0.0	0.0	350	21-Jul
PX06	85	203	30.80	39.2	28.2	0.0	0.00	133.5	18.7	0.0	0.0	350	22-Jul
PX06	85	204	31.20	40.2	26.4	0.0	0.00	107.5	19.1	0.0	0.0	350	23-Jul
PX06	85	205	30.39	39.7	25.3	0.0	0.00	89.8	11.2	0.0	0.0	350	24-Jul
PX06	85	206	30.80	41.7	25.7	0.0	0.00	135.7	11.5	0.0	0.0	350	25-Jul
PX06	85	207	30.60	39.2	23.1	0.0	0.00	125.5	16.0	0.0	0.0	350	26-Jul
PX06	85	208	22.00	38.0	30.3	0.0	0.00	235.4	17.2	0.0	0.0	350	27-Jul
PX06	85	209	25.60	36.4	28.4	0.0	0.00	171.5	20.1	0.0	0.0	350	28-Jul
PX06	85	210	25.70	38.7	28.4	0.0	0.00	123.4	20.8	0.0	0.0	350	29-Jul
PX06	85	211	30.00	41.0	28.3	0.0	0.00	114.3	20.2	0.0	0.0	350	30-Jul
PX06	85	212	29.90	43.3	28.0	0.0	0.00	117.6	15.8	0.0	0.0	350	31-Jul
PX06	85	213	18.60	38.2	28.2	0.0	0.00	167.2	19.7	0.0	0.0	350	01-Aug
PX06	85	214	24.80	36.9	27.0	0.0	0.00	145.1	21.4	0.0	0.0	350	02-Aug
PX06	85	215	28.50	36.9	26.7	0.0	0.00	86.6	21.7	0.0	0.0	350	03-Aug
PX06	85	216	29.60	38.3	28.0	0.0	0.00	116.4	19.2	0.0	0.0	350	04-Aug
PX06	85	217	28.50	39.3	26.0	0.0	0.00	108.4	15.2	0.0	0.0	350	05-Aug
PX06	85	218	28.80	40.1	25.2	0.0	0.00	110.5	17.6	0.0	0.0	350	06-Aug
PX06	85	219	26.50	41.2	29.3	0.0	0.00	139.5	19.5	0.0	0.0	350	07-Aug
PX06	85	220	28.50	42.0	27.6	0.0	0.00	110.9	19.4	0.0	0.0	350	08-Aug
PX06	85	221	29.50	37.5	26.0	0.0	0.00	121.6	18.0	0.0	0.0	350	09-Aug
PX06	85	222	29.00	38.2	25.7	0.0	0.00	160.3	17.3	0.0	0.0	350	10-Aug
PX06	85	223	26.80	38.3	27.7	0.0	0.00	197.5	20.6	0.0	0.0	350	11-Aug
PX06	85	224	29.40	38.4	23.7	0.0	0.00	168.4	15.1	0.0	0.0	350	12-Aug
PX06	85	225	29.40	41.5	24.1	0.0	0.00	178.5	12.6	0.0	0.0	350	13-Aug
PX06	85	226	30.10	42.7	22.3	0.0	0.00	176.8	8.4	0.0	0.0	350	14-Aug
PX06	85	227	29.10	43.1	20.5	0.0	0.00	174.9	7.7	0.0	0.0	350	15-Aug
PX06	85	228	28.50	39.7	21.4	0.0	0.00	189.7	12.5	0.0	0.0	350	16-Aug
PX06	85	229	19.30	37.4	24.9	0.0	0.00	191.4	15.6	0.0	0.0	350	17-Aug
PX06	85	230	27.20	40.1	25.9	0.0	0.00	210.5	17.8	0.0	0.0	350	18-Aug
PX06	85	231	27.40	41.4	27.7	0.0	0.00	228.7	18.7	0.0	0.0	350	19-Aug
PX06	85	232	20.20	34.0	23.5	21.0	0.00	112.9	22.5	0.0	0.0	350	20-Aug
PX06	85	233	27.30	39.1	25.4	0.0	0.00	65.3	22.3	0.0	0.0	350	21-Aug
PX06	85	234	26.90	42.6	26.0	0.0	0.00	61.9	20.2	0.0	0.0	350	22-Aug
PX06	85	235	27.80	40.5	24.8	0.0	0.00	75.1	19.4	0.0	0.0	350	23-Aug
PX06	85	236	24.10	42.5	26.7	0.0	0.00	128.9	17.3	0.0	0.0	350	24-Aug
PX06	85	237	22.20	43.7	30.2	0.0	0.00	162.1	18.3	0.0	0.0	350	25-Aug
PX06	85	238	25.00	41.3	29.4	0.0	0.00	201.6	18.9	0.0	0.0	350	26-Aug
PX06	85	239	24.80	44.1	29.3	0.0	0.00	196.6	20.5	0.0	0.0	350	27-Aug
PX06	85	240	26.20	45.4	27.2	0.0	0.00	175.3	18.9	0.0	0.0	350	28-Aug
PX06	85	241	25.80	47.2	29.7	0.0	0.00	173.0	18.2	0.0	0.0	350	29-Aug
PX06	85	242	26.60	41.2	28.0	0.0	0.00	222.5	19.2	0.0	0.0	350	30-Aug
PX06	85	243	26.10	39.9	27.3	6.0	0.00	227.0	19.9	0.0	0.0	350	31-Aug

INSTW	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
	JUL		XTMAX		XRAIN		WIND		STMAX	CO2			
PX06	85	244	23.40	36.0	24.8	0.0	0.00	96.8	21.3	0.0	0.0	350	01-Sep
PX06	85	245	25.20	39.5	26.0	0.0	0.00	114.9	19.2	0.0	0.0	350	02-Sep
PX06	85	246	23.60	40.2	26.5	0.0	0.00	160.4	15.4	0.0	0.0	350	03-Sep
PX06	85	247	21.60	36.5	22.4	0.0	0.00	176.5	12.3	0.0	0.0	350	04-Sep
PX06	85	248	23.40	34.5	19.8	0.0	0.00	98.3	11.2	0.0	0.0	350	05-Sep
PX06	85	249	19.40	32.8	20.2	0.0	0.00	132.7	14.2	0.0	0.0	350	06-Sep
PX06	85	250	26.10	33.2	20.2	0.0	0.00	101.3	13.8	0.0	0.0	350	07-Sep
PX06	85	251	24.90	35.8	19.7	0.0	0.00	115.3	11.8	0.0	0.0	350	08-Sep
PX06	85	252	16.00	32.7	21.2	0.0	0.00	78.9	11.3	0.0	0.0	350	09-Sep
PX06	85	253	13.80	34.1	22.9	0.0	0.00	83.2	12.4	0.0	0.0	350	10-Sep
PX06	85	254	24.10	32.5	17.9	0.0	0.00	189.4	13.2	0.0	0.0	350	11-Sep
PX06	85	255	25.10	34.4	13.3	0.0	0.00	54.0	6.1	0.0	0.0	350	12-Sep
PX06	85	256	24.80	36.4	15.1	0.0	0.00	77.7	9.3	0.0	0.0	350	13-Sep
PX06	85	257	22.40	47.1	20.3	0.0	0.00	73.5	13.2	0.0	0.0	350	14-Sep
PX06	85	258	17.00	39.1	25.2	0.0	0.00	107.0	16.3	0.0	0.0	350	15-Sep
PX06	85	259	16.50	39.9	23.5	0.0	0.00	91.6	12.4	0.0	0.0	350	16-Sep
PX06	85	260	24.10	39.9	22.6	0.0	0.00	150.9	12.6	0.0	0.0	350	17-Sep
PX06	85	261	11.90	27.3	16.9	17.0	0.00	145.6	18.5	0.0	0.0	350	18-Sep
PX06	85	262	23.60	30.3	15.8	1.0	0.00	99.1	13.1	0.0	0.0	350	19-Sep
PX06	85	263	23.30	29.2	15.3	0.0	0.00	57.6	12.9	0.0	0.0	350	20-Sep
PX06	85	264	23.60	32.4	16.1	0.0	0.00	48.5	13.0	0.0	0.0	350	21-Sep
PX06	85	265	23.50	34.2	16.4	0.0	0.00	101.0	15.3	0.0	0.0	350	22-Sep
PX06	85	266	19.50	34.9	17.3	0.0	0.00	75.0	14.3	0.0	0.0	350	23-Sep
PX06	85	267	22.90	37.1	18.1	0.0	0.00	72.3	17.8	0.0	0.0	350	24-Sep
PX06	85	268	21.20	36.9	18.9	0.0	0.00	89.7	12.2	0.0	0.0	350	25-Sep
PX06	85	269	21.80	38.2	19.6	5.0	0.00	108.8	12.7	0.0	0.0	350	26-Sep
PX06	85	270	18.50	34.0	20.8	1.0	0.00	169.8	15.8	0.0	0.0	350	27-Sep
PX06	85	271	15.00	29.3	20.5	0.0	0.00	170.0	16.1	0.0	0.0	350	28-Sep
PX06	85	272	21.90	32.2	17.2	0.0	0.00	73.8	14.8	0.0	0.0	350	29-Sep
PX06	85	273	16.90	33.2	19.5	0.0	0.00	60.2	13.2	0.0	0.0	350	30-Sep
PX06	85	274	20.90	34.7	16.4	0.0	0.00	60.5	11.3	0.0	0.0	350	01-Oct
PX06	85	275	20.80	34.1	19.6	0.0	0.00	76.1	13.0	0.0	0.0	350	02-Oct



FILENAME: PX120407.W85

WEATHER DATA FOR CO2-AMBIENT, IRRIGATION-DRY, REP-#2

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC    ↓    CO2YR WINDYR  
 PX12 33.40 112.00 2.30 0 1 1 0 1 350 0.0

	IYR	SOLRAD		XTMIN	XPAR	DEWPT	STMIN	A00					
<u>INSTW</u>	<u>JUL</u>	<u>XTMAX</u>	<u>XRAIN</u>	<u>WIND</u>	<u>STMAX</u>	<u>CO2</u>							
PX12	85	94	26.21	32.0	12.2	0.0	0.00	164.2	2.1	0.0	0.0	350	04-Apr
PX12	85	95	26.37	29.1	11.0	0.0	0.00	276.5	1.3	0.0	0.0	350	05-Apr
PX12	85	96	25.00	30.6	12.4	0.0	0.00	164.2	-3.3	0.0	0.0	350	06-Apr
PX12	85	97	27.14	34.6	13.8	0.0	0.00	276.5	-5.0	0.0	0.0	350	07-Apr
PX12	85	98	24.85	35.7	15.1	0.0	0.00	164.2	-6.0	0.0	0.0	350	08-Apr
PX12	85	99	26.51	33.5	17.2	0.0	0.00	236.5	-1.2	0.0	0.0	350	09-Apr
PX12	85	100	26.91	33.2	17.4	0.0	0.00	150.6	3.2	0.0	0.0	350	10-Apr
PX12	85	101	27.91	34.3	13.5	0.0	0.00	152.3	6.1	0.0	0.0	350	11-Apr
PX12	85	102	27.79	34.8	12.9	0.0	0.00	141.9	6.4	0.0	0.0	350	12-Apr
PX12	85	103	25.67	33.2	13.1	0.0	0.00	131.4	5.9	0.0	0.0	350	13-Apr
PX12	85	104	24.98	24.8	12.4	0.0	0.00	160.9	2.5	0.0	0.0	350	14-Apr
PX12	85	105	24.60	30.2	11.9	0.0	0.00	178.8	0.2	0.0	0.0	350	15-Apr
PX12	85	106	23.42	38.8	18.1	0.0	0.00	164.2	-0.0	0.0	0.0	350	16-Apr
PX12	85	107	24.54	36.1	22.2	0.0	0.00	276.5	1.1	0.0	0.0	350	17-Apr
PX12	85	108	25.31	25.7	13.3	0.0	0.00	250.6	1.7	0.0	0.0	350	18-Apr
PX12	85	109	28.01	29.5	11.2	0.0	0.00	112.3	4.5	0.0	0.0	350	19-Apr
PX12	85	110	21.55	29.8	13.3	0.0	0.00	241.9	3.0	0.0	0.0	350	20-Apr
PX12	85	111	12.79	24.7	11.2	0.0	0.00	181.4	2.1	0.0	0.0	350	21-Apr
PX12	85	112	27.99	27.8	11.8	0.0	0.00	120.9	2.9	0.0	0.0	350	22-Apr
PX12	85	113	29.60	32.4	15.2	0.0	0.00	78.8	3.6	0.0	0.0	350	23-Apr
PX12	85	114	29.00	35.6	14.5	0.0	0.00	105.4	2.1	0.0	0.0	350	24-Apr
PX12	85	115	29.60	31.1	17.5	0.0	0.00	228.7	0.9	0.0	0.0	350	25-Apr
PX12	85	116	22.60	21.0	12.2	0.0	0.00	204.4	0.2	0.0	0.0	350	26-Apr
PX12	85	117	12.50	23.0	10.7	0.0	0.00	128.8	8.0	0.0	0.0	350	27-Apr
PX12	85	118	21.50	22.3	11.9	3.0	0.00	86.8	9.3	0.0	0.0	350	28-Apr
PX12	85	119	29.20	30.0	10.8	0.0	0.00	87.8	10.6	0.0	0.0	350	29-Apr
PX12	85	120	27.80	37.3	16.3	0.0	0.00	88.5	9.5	0.0	0.0	350	30-Apr
PX12	85	121	27.80	39.5	20.1	0.0	0.00	141.0	8.2	0.0	0.0	350	01-May
PX12	85	122	27.30	38.6	22.0	0.0	0.00	115.7	9.0	0.0	0.0	350	02-May
PX12	85	123	28.80	39.1	23.4	23.4	0.00	123.3	7.0	0.0	0.0	350	03-May
PX12	85	124	30.50	37.8	20.4	0.0	0.00	148.3	3.8	0.0	0.0	350	04-May
PX12	85	125	25.10	36.1	18.0	0.0	0.00	118.0	1.3	0.0	0.0	350	05-May
PX12	85	126	30.60	36.5	17.5	0.0	0.00	118.9	1.1	0.0	0.0	350	06-May
PX12	85	127	22.90	35.9	17.1	0.0	0.00	59.5	0.6	0.0	0.0	350	07-May
PX12	85	128	28.00	38.8	17.4	0.0	0.00	75.3	2.7	0.0	0.0	350	08-May
PX12	85	129	19.70	38.7	21.7	0.0	0.00	178.3	5.3	0.0	0.0	350	09-May
PX12	85	130	31.70	28.5	19.2	0.0	0.00	236.4	3.9	0.0	0.0	350	10-May
PX12	85	131	30.90	30.4	14.2	0.0	0.00	100.8	3.2	0.0	0.0	350	11-May
PX12	85	132	31.10	31.3	14.7	0.0	0.00	89.9	3.9	0.0	0.0	350	12-May
PX12	85	133	31.40	34.1	15.4	0.0	0.00	73.5	2.5	0.0	0.0	350	13-May
PX12	85	134	31.80	35.8	16.0	0.0	0.00	63.6	-3.5	0.0	0.0	350	14-May
PX12	85	135	27.40	38.8	17.0	0.0	0.00	133.5	-0.2	0.0	0.0	350	15-May
PX12	85	136	20.10	36.4	24.9	0.0	0.00	145.7	4.6	0.0	0.0	350	16-May
PX12	85	137	31.00	38.7	21.3	0.0	0.00	96.6	8.0	0.0	0.0	350	17-May
PX12	85	138	31.40	39.6	21.9	0.0	0.00	147.2	6.7	0.0	0.0	350	18-May
PX12	85	139	32.30	36.9	20.3	0.0	0.00	179.5	1.9	0.0	0.0	350	19-May

INSTW	YR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
	JUL		XTMAX		XRAIN		WIND		STMAX	CO2			
PX12	85	140	31.80	37.5	20.2	0.0	0.00	179.7	3.8	0.0	0.0	350	20-May
PX12	85	141	31.50	36.5	20.4	0.0	0.00	133.5	6.4	0.0	0.0	350	21-May
PX12	85	142	30.50	39.1	18.9	0.0	0.00	110.3	6.7	0.0	0.0	350	22-May
PX12	85	143	22.70	38.2	20.5	0.0	0.00	122.7	7.1	0.0	0.0	350	23-May
PX12	85	144	28.90	40.0	21.2	0.0	0.00	156.4	8.1	0.0	0.0	350	24-May
PX12	85	145	32.10	39.6	21.8	0.0	0.00	172.2	7.3	0.0	0.0	350	25-May
PX12	85	146	32.40	39.1	19.6	0.0	0.00	179.1	7.4	0.0	0.0	350	26-May
PX12	85	147	31.60	39.0	21.6	0.0	0.00	142.1	8.9	0.0	0.0	350	27-May
PX12	85	148	32.40	40.5	19.8	0.0	0.00	109.7	9.3	0.0	0.0	350	28-May
PX12	85	149	26.90	40.0	23.7	0.0	0.00	89.5	9.7	0.0	0.0	350	29-May
PX12	85	150	20.00	36.4	24.5	0.0	0.00	88.1	12.0	0.0	0.0	350	30-May
PX12	85	151	32.60	36.6	20.8	0.0	0.00	182.4	8.1	0.0	0.0	350	31-May
PX12	85	152	31.70	35.3	18.8	0.0	0.00	100.8	4.8	0.0	0.0	350	01-Jun
PX12	85	153	32.00	37.4	19.0	0.0	0.00	137.8	3.8	0.0	0.0	350	02-Jun
PX12	85	154	31.30	34.5	19.9	0.0	0.00	149.8	5.4	0.0	0.0	350	03-Jun
PX12	85	155	31.70	36.9	17.0	0.0	0.00	118.9	5.6	0.0	0.0	350	04-Jun
PX12	85	156	31.30	39.8	20.8	0.0	0.00	121.9	8.4	0.0	0.0	350	05-Jun
PX12	85	157	30.90	44.2	22.2	0.0	0.00	96.6	8.8	0.0	0.0	350	06-Jun
PX12	85	158	25.90	47.4	24.9	0.0	0.00	86.8	9.2	0.0	0.0	350	07-Jun
PX12	85	159	31.50	45.8	25.9	0.0	0.00	195.8	10.0	0.0	0.0	350	08-Jun
PX12	85	160	31.30	45.8	24.8	0.0	0.00	179.0	9.2	0.0	0.0	350	09-Jun
PX12	85	161	32.10	43.4	25.4	0.0	0.00	224.1	9.5	0.0	0.0	350	10-Jun
PX12	85	162	31.30	42.2	25.2	0.0	0.00	199.9	10.7	0.0	0.0	350	11-Jun
PX12	85	163	31.10	44.5	26.1	0.0	0.00	222.0	11.1	0.0	0.0	350	12-Jun
PX12	85	164	31.50	43.7	26.1	0.0	0.00	201.4	7.3	0.0	0.0	350	13-Jun
PX12	85	165	30.40	42.2	24.3	0.0	0.00	167.3	7.8	0.0	0.0	350	14-Jun
PX12	85	166	32.00	44.1	22.8	0.0	0.00	90.5	7.1	0.0	0.0	350	15-Jun
PX12	85	167	32.00	45.0	23.7	0.0	0.00	87.3	7.3	0.0	0.0	350	16-Jun
PX12	85	168	31.70	45.8	23.8	0.0	0.00	85.1	6.5	0.0	0.0	350	17-Jun
PX12	85	169	30.40	46.1	24.3	0.0	0.00	116.3	7.1	0.0	0.0	350	18-Jun
PX12	85	170	27.10	43.5	26.4	0.0	0.00	91.6	10.3	0.0	0.0	350	19-Jun
PX12	85	171	30.10	42.0	28.4	0.0	0.00	118.6	13.4	0.0	0.0	350	20-Jun
PX12	85	172	31.10	38.6	25.4	0.0	0.00	100.7	9.9	0.0	0.0	350	21-Jun
PX12	85	173	27.70	40.1	24.2	0.0	0.00	136.2	10.7	0.0	0.0	350	22-Jun
PX12	85	174	21.10	41.2	25.8	0.0	0.00	71.4	11.6	0.0	0.0	350	23-Jun
PX12	85	175	12.90	37.2	27.8	0.0	0.00	126.3	11.2	0.0	0.0	350	24-Jun
PX12	85	176	31.20	37.3	22.2	0.0	0.00	97.5	8.4	0.0	0.0	350	25-Jun
PX12	85	177	32.60	40.1	23.0	0.0	0.00	103.2	4.6	0.0	0.0	350	26-Jun
PX12	85	178	32.10	43.5	19.2	0.0	0.00	62.1	3.9	0.0	0.0	350	27-Jun
PX12	85	179	31.80	42.2	22.4	0.0	0.00	91.1	8.1	0.0	0.0	350	28-Jun
PX12	85	180	28.80	42.4	23.6	0.0	0.00	118.9	8.5	0.0	0.0	350	29-Jun
PX12	85	181	30.70	43.1	23.0	0.0	0.00	105.3	11.3	0.0	0.0	350	30-Jun
PX12	85	182	30.50	45.1	23.6	0.0	0.00	141.0	9.8	0.0	0.0	350	01-Jul
PX12	85	183	31.60	45.4	25.3	0.0	0.00	146.3	6.7	0.0	0.0	350	02-Jul
PX12	85	184	30.98	42.9	26.2	0.0	0.00	81.4	10.9	0.0	0.0	350	03-Jul
PX12	85	185	30.49	38.8	26.8	0.0	0.00	96.5	13.0	0.0	0.0	350	04-Jul
PX12	85	186	29.52	40.7	27.4	0.0	0.00	111.4	15.8	0.0	0.0	350	05-Jul
PX12	85	187	29.40	39.3	26.8	0.0	0.00	125.6	20.2	0.0	0.0	350	06-Jul
PX12	85	188	28.20	41.7	28.4	0.0	0.00	136.1	17.3	0.0	0.0	350	07-Jul
PX12	85	189	26.30	44.1	30.0	0.0	0.00	142.8	15.4	0.0	0.0	350	08-Jul
PX12	85	190	29.40	41.1	31.7	0.0	0.00	146.2	18.0	0.0	0.0	350	09-Jul
PX12	85	191	29.70	41.8	29.0	0.0	0.00	133.1	17.4	0.0	0.0	350	10-Jul

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX12	85	192	29.30	44.3	28.5	0.0	0.00	107.4	17.5	0.0	0.0	350	11-Jul
PX12	85	193	28.40	42.8	30.3	0.0	0.00	110.2	16.8	0.0	0.0	350	12-Jul
PX12	85	194	22.80	41.9	28.0	0.0	0.00	123.7	17.3	0.0	0.0	350	13-Jul
PX12	85	195	27.70	41.8	30.3	0.0	0.00	147.6	18.1	0.0	0.0	350	14-Jul
PX12	85	196	29.20	40.3	28.8	23.0	0.00	185.1	19.4	0.0	0.0	350	15-Jul
PX12	85	197	26.20	35.9	22.6	0.0	0.00	97.8	23.8	0.0	0.0	350	16-Jul
PX12	85	198	30.30	38.2	26.8	0.0	0.00	168.8	21.7	0.0	0.0	350	17-Jul
PX12	85	199	18.30	31.3	23.5	5.0	0.00	110.3	22.7	0.0	0.0	350	18-Jul
PX12	85	200	19.20	33.9	25.3	0.0	0.00	129.1	21.8	0.0	0.0	350	19-Jul
PX12	85	201	28.80	36.8	26.9	0.0	0.00	91.9	21.7	0.0	0.0	350	20-Jul
PX12	85	202	30.80	38.3	26.5	0.0	0.00	127.3	20.4	0.0	0.0	350	21-Jul
PX12	85	203	30.80	38.9	28.1	0.0	0.00	133.5	18.4	0.0	0.0	350	22-Jul
PX12	85	204	31.20	39.5	26.0	0.0	0.00	107.5	17.2	0.0	0.0	350	23-Jul
PX12	85	205	30.39	39.7	25.3	0.0	0.00	89.8	10.9	0.0	0.0	350	24-Jul
PX12	85	206	30.80	40.5	25.6	0.0	0.00	135.7	11.4	0.0	0.0	350	25-Jul
PX12	85	207	30.60	39.7	23.1	0.0	0.00	125.5	15.5	0.0	0.0	350	26-Jul
PX12	85	208	22.00	38.3	30.4	0.0	0.00	235.4	16.7	0.0	0.0	350	27-Jul
PX12	85	209	25.60	36.4	28.4	0.0	0.00	171.5	19.6	0.0	0.0	350	28-Jul
PX12	85	210	25.70	38.5	28.3	0.0	0.00	123.4	20.4	0.0	0.0	350	29-Jul
PX12	85	211	30.00	40.4	28.4	0.0	0.00	114.3	19.9	0.0	0.0	350	30-Jul
PX12	85	212	29.90	42.5	27.4	0.0	0.00	117.6	15.6	0.0	0.0	350	31-Jul
PX12	85	213	18.60	37.4	28.3	0.0	0.00	167.2	19.6	0.0	0.0	350	01-Aug
PX12	85	214	24.80	36.7	26.9	0.0	0.00	145.1	21.3	0.0	0.0	350	02-Aug
PX12	85	215	28.50	36.8	26.4	0.0	0.00	86.6	21.5	0.0	0.0	350	03-Aug
PX12	85	216	29.60	38.4	28.0	0.0	0.00	116.4	18.9	0.0	0.0	350	04-Aug
PX12	85	217	28.50	39.4	25.8	0.0	0.00	108.4	14.6	0.0	0.0	350	05-Aug
PX12	85	218	28.80	39.4	24.6	0.0	0.00	110.5	17.2	0.0	0.0	350	06-Aug
PX12	85	219	26.50	39.6	29.3	0.0	0.00	139.5	19.2	0.0	0.0	350	07-Aug
PX12	85	220	28.50	40.0	27.3	0.0	0.00	110.9	19.3	0.0	0.0	350	08-Aug
PX12	85	221	29.50	38.1	25.6	0.0	0.00	121.6	17.4	0.0	0.0	350	09-Aug
PX12	85	222	29.00	38.1	25.4	0.0	0.00	160.3	16.6	0.0	0.0	350	10-Aug
PX12	85	223	26.80	38.3	28.6	0.0	0.00	197.5	19.8	0.0	0.0	350	11-Aug
PX12	85	224	29.40	38.1	25.2	0.0	0.00	168.4	14.2	0.0	0.0	350	12-Aug
PX12	85	225	29.40	41.7	23.9	0.0	0.00	178.5	12.3	0.0	0.0	350	13-Aug
PX12	85	226	30.10	42.7	21.5	0.0	0.00	176.8	8.4	0.0	0.0	350	14-Aug
PX12	85	227	29.10	46.4	20.9	0.0	0.00	174.9	8.6	0.0	0.0	350	15-Aug
PX12	85	228	28.50	39.9	21.7	0.0	0.00	189.7	12.0	0.0	0.0	350	16-Aug
PX12	85	229	19.30	37.9	25.0	0.0	0.00	191.4	15.0	0.0	0.0	350	17-Aug
PX12	85	230	27.20	40.2	26.2	0.0	0.00	210.5	18.3	0.0	0.0	350	18-Aug
PX12	85	231	27.40	41.0	27.7	0.0	0.00	228.7	18.6	0.0	0.0	350	19-Aug
PX12	85	232	20.20	34.7	23.5	21.0	0.00	112.9	22.5	0.0	0.0	350	20-Aug
PX12	85	233	27.30	38.7	25.5	0.0	0.00	65.3	22.4	0.0	0.0	350	21-Aug
PX12	85	234	26.90	42.3	26.0	0.0	0.00	61.9	20.2	0.0	0.0	350	22-Aug
PX12	85	235	27.80	41.9	24.6	0.0	0.00	75.1	19.2	0.0	0.0	350	23-Aug
PX12	85	236	24.10	43.8	26.9	0.0	0.00	128.9	16.8	0.0	0.0	350	24-Aug
PX12	85	237	22.20	44.1	30.2	0.0	0.00	162.1	17.7	0.0	0.0	350	25-Aug
PX12	85	238	25.00	41.5	29.5	0.0	0.00	201.6	18.6	0.0	0.0	350	26-Aug
PX12	85	239	24.80	43.7	29.5	0.0	0.00	196.6	20.2	0.0	0.0	350	27-Aug
PX12	85	240	26.20	44.7	27.0	0.0	0.00	175.3	18.5	0.0	0.0	350	28-Aug
PX12	85	241	25.80	46.4	29.7	0.0	0.00	173.0	17.6	0.0	0.0	350	29-Aug
PX12	85	242	26.60	42.3	28.4	0.0	0.00	222.5	19.3	0.0	0.0	350	30-Aug
PX12	85	243	26.10	40.5	27.7	6.0	0.00	227.0	20.3	0.0	0.0	350	31-Aug

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL	XTMAX		XRAIN	WIND	STMAX	CO2						
PX12	85	244	23.40	36.8	25.3	0.0	0.00	96.8	23.0	0.0	0.0	350	01-Sep
PX12	85	245	25.20	40.1	26.3	0.0	0.00	114.9	19.5	0.0	0.0	350	02-Sep
PX12	85	246	23.60	40.1	26.6	0.0	0.00	160.4	15.0	0.0	0.0	350	03-Sep
PX12	85	247	21.60	36.7	22.9	0.0	0.00	176.5	11.6	0.0	0.0	350	04-Sep
PX12	85	248	23.40	34.6	19.9	0.0	0.00	98.3	10.6	0.0	0.0	350	05-Sep
PX12	85	249	19.40	33.2	20.6	0.0	0.00	132.7	14.5	0.0	0.0	350	06-Sep
PX12	85	250	26.10	34.4	20.2	0.0	0.00	101.3	14.0	0.0	0.0	350	07-Sep
PX12	85	251	24.90	36.2	19.9	0.0	0.00	115.3	12.0	0.0	0.0	350	08-Sep
PX12	85	252	16.00	33.0	21.4	0.0	0.00	78.9	11.3	0.0	0.0	350	09-Sep
PX12	85	253	13.80	34.5	23.0	0.0	0.00	83.2	11.4	0.0	0.0	350	10-Sep
PX12	85	254	24.10	32.6	17.9	0.0	0.00	189.4	12.8	0.0	0.0	350	11-Sep
PX12	85	255	25.10	35.2	13.5	0.0	0.00	54.0	5.4	0.0	0.0	350	12-Sep
PX12	85	256	24.80	38.1	15.1	0.0	0.00	77.7	8.2	0.0	0.0	350	13-Sep
PX12	85	257	22.40	47.1	20.3	0.0	0.00	73.5	13.0	0.0	0.0	350	14-Sep
PX12	85	258	17.00	40.3	25.6	0.0	0.00	107.0	16.0	0.0	0.0	350	15-Sep
PX12	85	259	16.50	40.8	23.8	0.0	0.00	91.6	12.1	0.0	0.0	350	16-Sep
PX12	85	260	24.10	40.1	22.7	0.0	0.00	150.9	12.4	0.0	0.0	350	17-Sep
PX12	85	261	11.90	27.3	17.1	17.0	0.00	145.6	19.5	0.0	0.0	350	18-Sep
PX12	85	262	23.60	30.3	16.0	1.0	0.00	99.1	14.1	0.0	0.0	350	19-Sep
PX12	85	263	23.30	29.2	15.3	0.0	0.00	57.6	12.9	0.0	0.0	350	20-Sep
PX12	85	264	23.60	33.1	16.4	0.0	0.00	48.5	12.9	0.0	0.0	350	21-Sep
PX12	85	265	23.50	34.4	18.0	0.0	0.00	101.0	13.1	0.0	0.0	350	22-Sep
PX12	85	266	19.50	36.0	19.4	0.0	0.00	75.0	12.0	0.0	0.0	350	23-Sep
PX12	85	267	22.90	38.0	18.4	0.0	0.00	72.3	18.0	0.0	0.0	350	24-Sep
PX12	85	268	21.20	37.8	19.2	0.0	0.00	89.7	11.6	0.0	0.0	350	25-Sep
PX12	85	269	21.80	38.6	20.1	5.0	0.00	108.8	12.4	0.0	0.0	350	26-Sep
PX12	85	270	18.50	33.8	20.9	1.0	0.00	169.8	16.2	0.0	0.0	350	27-Sep
PX12	85	271	15.00	31.4	20.9	0.0	0.00	170.0	15.9	0.0	0.0	350	28-Sep
PX12	85	272	21.90	35.0	17.3	0.0	0.00	73.8	14.9	0.0	0.0	350	29-Sep
PX12	85	273	16.90	33.6	19.8	0.0	0.00	60.2	12.9	0.0	0.0	350	30-Sep
PX12	85	274	20.90	34.4	16.8	0.0	0.00	60.5	11.1	0.0	0.0	350	01-Oct
PX12	85	275	20.80	33.9	19.8	0.0	0.00	76.1	12.8	0.0	0.0	350	02-Oct

FILENAME: PX030407.W85

WEATHER DATA FOR CO2=AMBIENT, IRRIGATION=WET, REP=#1

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC      ↓      CO2YR WINDYR  
 PX03 33.40 112.00 2.30 0 1 1 0 1 350 0.0

	IYR	SOLRAD		XTMIN		XPAR	DEWPT		STMIN		A00		
<u>INSTW</u>	<u>JUL</u>		<u>XTMAX</u>		<u>XRAIN</u>	<u>WIND</u>		<u>STMAX</u>	<u>CO2</u>				
PX03	85	94	26.21	32.0	12.2	0.0	0.00	164.2	2.1	0.0	0.0	350	04-Apr
PX03	85	95	26.37	29.1	11.0	0.0	0.00	276.5	1.3	0.0	0.0	350	05-Apr
PX03	85	96	25.00	30.6	12.4	0.0	0.00	164.2	-3.3	0.0	0.0	350	06-Apr
PX03	85	97	27.14	34.6	13.8	0.0	0.00	276.5	-5.0	0.0	0.0	350	07-Apr
PX03	85	98	24.85	35.7	15.1	0.0	0.00	164.2	-6.0	0.0	0.0	350	08-Apr
PX03	85	99	26.51	33.5	17.2	0.0	0.00	236.5	-1.2	0.0	0.0	350	09-Apr
PX03	85	100	26.91	33.2	17.4	0.0	0.00	150.6	3.2	0.0	0.0	350	10-Apr
PX03	85	101	27.91	34.3	13.5	0.0	0.00	152.3	6.1	0.0	0.0	350	11-Apr
PX03	85	102	27.79	34.8	12.9	0.0	0.00	141.9	6.4	0.0	0.0	350	12-Apr
PX03	85	103	25.67	33.2	13.1	0.0	0.00	131.4	5.9	0.0	0.0	350	13-Apr
PX03	85	104	24.98	24.8	12.4	0.0	0.00	160.9	2.5	0.0	0.0	350	14-Apr
PX03	85	105	24.60	30.2	11.9	0.0	0.00	178.8	0.2	0.0	0.0	350	15-Apr
PX03	85	106	23.42	39.0	17.6	0.0	0.00	164.2	-0.0	0.0	0.0	350	16-Apr
PX03	85	107	24.54	36.2	21.6	0.0	0.00	276.5	1.1	0.0	0.0	350	17-Apr
PX03	85	108	25.31	25.7	12.8	0.0	0.00	250.6	1.7	0.0	0.0	350	18-Apr
PX03	85	109	28.01	29.6	10.7	0.0	0.00	112.3	4.5	0.0	0.0	350	19-Apr
PX03	85	110	21.55	29.8	12.8	0.0	0.00	241.9	3.0	0.0	0.0	350	20-Apr
PX03	85	111	12.79	24.7	15.6	0.0	0.00	181.4	2.1	0.0	0.0	350	21-Apr
PX03	85	112	27.99	27.8	11.3	0.0	0.00	120.9	2.9	0.0	0.0	350	22-Apr
PX03	85	113	29.60	32.2	14.5	0.0	0.00	78.8	1.5	0.0	0.0	350	23-Apr
PX03	85	114	29.00	35.6	13.6	0.0	0.00	105.4	8.0	0.0	0.0	350	24-Apr
PX03	85	115	29.60	30.9	16.9	0.0	0.00	228.7	5.3	0.0	0.0	350	25-Apr
PX03	85	116	22.60	21.4	11.6	0.0	0.00	204.4	0.6	0.0	0.0	350	26-Apr
PX03	85	117	12.50	23.7	10.7	0.0	0.00	128.8	7.4	0.0	0.0	350	27-Apr
PX03	85	118	21.50	22.4	11.7	3.0	0.00	86.8	10.7	0.0	0.0	350	28-Apr
PX03	85	119	29.20	30.0	10.2	0.0	0.00	87.8	8.9	0.0	0.0	350	29-Apr
PX03	85	120	27.80	37.4	15.5	0.0	0.00	88.5	9.3	0.0	0.0	350	30-Apr
PX03	85	121	27.80	40.0	19.7	0.0	0.00	141.0	8.0	0.0	0.0	350	01-May
PX03	85	122	27.30	39.4	21.2	0.0	0.00	115.7	8.9	0.0	0.0	350	02-May
PX03	85	123	28.80	40.4	23.0	23.4	0.00	123.3	7.1	0.0	0.0	350	03-May
PX03	85	124	30.50	39.2	20.3	0.0	0.00	148.3	3.8	0.0	0.0	350	04-May
PX03	85	125	25.10	37.3	17.6	0.0	0.00	118.0	1.5	0.0	0.0	350	05-May
PX03	85	126	30.60	37.8	16.8	0.0	0.00	118.9	1.3	0.0	0.0	350	06-May
PX03	85	127	22.90	37.4	15.9	0.0	0.00	59.5	0.9	0.0	0.0	350	07-May
PX03	85	128	28.00	40.3	16.8	0.0	0.00	75.3	2.9	0.0	0.0	350	08-May
PX03	85	129	19.70	40.0	21.3	0.0	0.00	178.3	5.4	0.0	0.0	350	09-May
PX03	85	130	31.70	29.4	19.1	0.0	0.00	236.4	3.8	0.0	0.0	350	10-May
PX03	85	131	30.90	31.9	13.8	0.0	0.00	100.8	3.0	0.0	0.0	350	11-May
PX03	85	132	31.10	32.2	14.6	0.0	0.00	89.9	3.8	0.0	0.0	350	12-May
PX03	85	133	31.40	35.6	14.8	0.0	0.00	73.5	2.5	0.0	0.0	350	13-May
PX03	85	134	31.80	37.0	14.9	0.0	0.00	63.6	-3.5	0.0	0.0	350	14-May
PX03	85	135	27.40	39.9	16.3	0.0	0.00	133.5	-0.0	0.0	0.0	350	15-May
PX03	85	136	20.10	37.7	24.5	0.0	0.00	145.7	4.8	0.0	0.0	350	16-May
PX03	85	137	31.00	40.1	21.1	0.0	0.00	96.6	8.1	0.0	0.0	350	17-May
PX03	85	138	31.40	40.7	21.6	0.0	0.00	147.2	6.8	0.0	0.0	350	18-May
PX03	85	139	32.30	38.3	19.7	0.0	0.00	179.5	2.3	0.0	0.0	350	19-May

INSTW	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
	JUL		XTMAX		XRAIN		WIND		STMAX	CO2			
PX03	85	140	31.80	38.5	19.7	0.0	0.00	179.7	3.9	0.0	0.0	350	20-May
PX03	85	141	31.50	37.2	20.0	0.0	0.00	133.5	6.4	0.0	0.0	350	21-May
PX03	85	142	30.50	40.2	18.2	0.0	0.00	110.3	6.7	0.0	0.0	350	22-May
PX03	85	143	22.70	39.8	20.1	0.0	0.00	122.7	7.1	0.0	0.0	350	23-May
PX03	85	144	28.90	42.1	20.3	0.0	0.00	156.4	8.0	0.0	0.0	350	24-May
PX03	85	145	32.10	40.8	20.8	0.0	0.00	172.2	7.1	0.0	0.0	350	25-May
PX03	85	146	32.40	40.5	18.9	0.0	0.00	179.1	5.3	0.0	0.0	350	26-May
PX03	85	147	31.60	39.8	21.0	0.0	0.00	142.1	4.3	0.0	0.0	350	27-May
PX03	85	148	32.40	41.3	19.1	0.0	0.00	109.7	5.8	0.0	0.0	350	28-May
PX03	85	149	26.90	40.0	23.7	0.0	0.00	89.5	9.7	0.0	0.0	350	29-May
PX03	85	150	20.00	36.4	24.5	0.0	0.00	88.1	12.0	0.0	0.0	350	30-May
PX03	85	151	32.60	37.1	20.6	0.0	0.00	182.4	9.0	0.0	0.0	350	31-May
PX03	85	152	31.70	35.4	18.0	0.0	0.00	100.8	6.7	0.0	0.0	350	01-Jun
PX03	85	153	32.00	38.0	18.3	0.0	0.00	137.8	5.4	0.0	0.0	350	02-Jun
PX03	85	154	31.30	34.9	19.0	0.0	0.00	149.8	6.5	0.0	0.0	350	03-Jun
PX03	85	155	31.70	36.9	16.5	0.0	0.00	118.9	6.8	0.0	0.0	350	04-Jun
PX03	85	156	31.30	40.0	20.4	0.0	0.00	121.9	9.7	0.0	0.0	350	05-Jun
PX03	85	157	30.90	44.7	21.7	0.0	0.00	96.6	10.3	0.0	0.0	350	06-Jun
PX03	85	158	25.90	47.7	24.1	0.0	0.00	86.8	11.0	0.0	0.0	350	07-Jun
PX03	85	159	31.50	45.3	25.0	0.0	0.00	195.8	12.0	0.0	0.0	350	08-Jun
PX03	85	160	31.30	46.1	24.0	0.0	0.00	179.0	10.9	0.0	0.0	350	09-Jun
PX03	85	161	32.10	44.2	24.4	0.0	0.00	224.1	10.9	0.0	0.0	350	10-Jun
PX03	85	162	31.30	42.3	24.4	0.0	0.00	199.9	11.8	0.0	0.0	350	11-Jun
PX03	85	163	31.10	44.7	25.3	0.0	0.00	222.0	12.2	0.0	0.0	350	12-Jun
PX03	85	164	31.50	45.0	25.0	0.0	0.00	201.4	8.5	0.0	0.0	350	13-Jun
PX03	85	165	30.40	42.7	24.1	0.0	0.00	167.3	9.9	0.0	0.0	350	14-Jun
PX03	85	166	32.00	43.2	21.3	0.0	0.00	90.5	9.4	0.0	0.0	350	15-Jun
PX03	85	167	32.00	40.7	22.8	0.0	0.00	87.3	10.7	0.0	0.0	350	16-Jun
PX03	85	168	31.70	45.5	23.1	0.0	0.00	85.1	10.4	0.0	0.0	350	17-Jun
PX03	85	169	30.40	45.6	23.4	0.0	0.00	116.3	11.3	0.0	0.0	350	18-Jun
PX03	85	170	27.10	42.6	24.0	0.0	0.00	91.6	12.3	0.0	0.0	350	19-Jun
PX03	85	171	30.10	43.3	24.8	0.0	0.00	118.6	15.8	0.0	0.0	350	20-Jun
PX03	85	172	31.10	38.9	24.8	0.0	0.00	100.7	11.0	0.0	0.0	350	21-Jun
PX03	85	173	27.70	39.1	22.6	0.0	0.00	136.2	13.1	0.0	0.0	350	22-Jun
PX03	85	174	21.10	39.3	23.7	0.0	0.00	71.4	16.2	0.0	0.0	350	23-Jun
PX03	85	175	12.90	36.2	24.8	0.0	0.00	126.3	13.3	0.0	0.0	350	24-Jun
PX03	85	176	31.20	39.2	19.5	0.0	0.00	97.5	11.4	0.0	0.0	350	25-Jun
PX03	85	177	32.60	40.2	23.0	0.0	0.00	103.2	8.1	0.0	0.0	350	26-Jun
PX03	85	178	32.10	44.0	18.4	0.0	0.00	62.1	8.8	0.0	0.0	350	27-Jun
PX03	85	179	31.80	41.3	20.7	0.0	0.00	91.1	12.4	0.0	0.0	350	28-Jun
PX03	85	180	28.80	41.4	21.9	0.0	0.00	118.9	11.9	0.0	0.0	350	29-Jun
PX03	85	181	30.70	43.2	22.1	0.0	0.00	105.3	12.5	0.0	0.0	350	30-Jun
PX03	85	182	30.50	44.4	23.1	0.0	0.00	141.0	12.2	0.0	0.0	350	01-Jul
PX03	85	183	31.60	44.5	25.1	0.0	0.00	146.3	9.9	0.0	0.0	350	02-Jul
PX03	85	184	30.98	42.9	26.2	0.0	0.00	81.4	10.9	0.0	0.0	350	03-Jul
PX03	85	185	30.49	38.8	26.8	0.0	0.00	96.5	13.0	0.0	0.0	350	04-Jul
PX03	85	186	29.52	40.7	27.4	0.0	0.00	111.4	15.8	0.0	0.0	350	05-Jul
PX03	85	187	29.40	38.7	26.4	0.0	0.00	125.6	20.1	0.0	0.0	350	06-Jul
PX03	85	188	28.20	40.3	28.5	0.0	0.00	136.1	18.6	0.0	0.0	350	07-Jul
PX03	85	189	26.30	42.3	29.4	0.0	0.00	142.8	16.6	0.0	0.0	350	08-Jul
PX03	85	190	29.40	39.9	30.8	0.0	0.00	146.2	19.1	0.0	0.0	350	09-Jul
PX03	85	191	29.70	41.0	28.3	0.0	0.00	133.1	18.4	0.0	0.0	350	10-Jul

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX03	85	192	29.30	41.4	28.1	0.0	0.00	107.4	19.0	0.0	0.0	350	11-Jul
PX03	85	193	28.40	39.4	28.0	0.0	0.00	110.2	19.2	0.0	0.0	350	12-Jul
PX03	85	194	22.80	39.0	26.4	0.0	0.00	123.7	18.7	0.0	0.0	350	13-Jul
PX03	85	195	27.70	39.6	29.5	0.0	0.00	147.6	19.4	0.0	0.0	350	14-Jul
PX03	85	196	29.20	38.4	26.8	23.0	0.00	185.1	20.2	0.0	0.0	350	15-Jul
PX03	85	197	26.20	34.2	23.5	0.0	0.00	97.8	20.7	0.0	0.0	350	16-Jul
PX03	85	198	30.30	36.4	26.1	0.0	0.00	168.8	22.7	0.0	0.0	350	17-Jul
PX03	85	199	18.30	30.7	22.2	5.0	0.00	110.3	22.5	0.0	0.0	350	18-Jul
PX03	85	200	19.20	32.7	25.2	0.0	0.00	129.1	22.6	0.0	0.0	350	19-Jul
PX03	85	201	28.80	35.5	26.0	0.0	0.00	91.9	22.6	0.0	0.0	350	20-Jul
PX03	85	202	30.80	35.9	25.8	0.0	0.00	127.3	21.5	0.0	0.0	350	21-Jul
PX03	85	203	30.80	36.6	27.3	0.0	0.00	133.5	19.6	0.0	0.0	350	22-Jul
PX03	85	204	31.20	37.3	25.4	0.0	0.00	107.5	18.5	0.0	0.0	350	23-Jul
PX03	85	205	30.39	39.7	25.3	0.0	0.00	89.8	10.9	0.0	0.0	350	24-Jul
PX03	85	206	30.80	39.6	24.9	0.0	0.00	135.7	12.8	0.0	0.0	350	25-Jul
PX03	85	207	30.60	36.6	22.5	0.0	0.00	125.5	17.3	0.0	0.0	350	26-Jul
PX03	85	208	22.00	36.3	28.9	0.0	0.00	235.4	18.0	0.0	0.0	350	27-Jul
PX03	85	209	25.60	34.9	27.5	0.0	0.00	171.5	20.7	0.0	0.0	350	28-Jul
PX03	85	210	25.70	36.2	27.8	0.0	0.00	123.4	21.4	0.0	0.0	350	29-Jul
PX03	85	211	30.00	38.6	27.8	0.0	0.00	114.3	21.0	0.0	0.0	350	30-Jul
PX03	85	212	29.90	41.9	27.1	0.0	0.00	117.6	16.8	0.0	0.0	350	31-Jul
PX03	85	213	18.60	37.0	27.8	0.0	0.00	167.2	20.2	0.0	0.0	350	01-Aug
PX03	85	214	24.80	35.9	26.5	0.0	0.00	145.1	22.0	0.0	0.0	350	02-Aug
PX03	85	215	28.50	35.4	25.8	0.0	0.00	86.6	22.4	0.0	0.0	350	03-Aug
PX03	85	216	29.60	36.5	26.8	0.0	0.00	116.4	20.2	0.0	0.0	350	04-Aug
PX03	85	217	28.50	37.1	25.1	0.0	0.00	108.4	16.2	0.0	0.0	350	05-Aug
PX03	85	218	28.80	37.5	24.3	0.0	0.00	110.5	18.5	0.0	0.0	350	06-Aug
PX03	85	219	26.50	38.6	28.3	0.0	0.00	139.5	20.2	0.0	0.0	350	07-Aug
PX03	85	220	28.50	39.9	26.9	0.0	0.00	110.9	20.2	0.0	0.0	350	08-Aug
PX03	85	221	29.50	35.9	25.5	0.0	0.00	121.6	18.7	0.0	0.0	350	09-Aug
PX03	85	222	29.00	36.5	24.2	0.0	0.00	160.3	17.9	0.0	0.0	350	10-Aug
PX03	85	223	26.80	36.2	27.7	0.0	0.00	197.5	20.7	0.0	0.0	350	11-Aug
PX03	85	224	29.40	35.8	24.3	0.0	0.00	168.4	15.9	0.0	0.0	350	12-Aug
PX03	85	225	29.40	38.5	22.6	0.0	0.00	178.5	15.3	0.0	0.0	350	13-Aug
PX03	85	226	30.10	40.2	20.4	0.0	0.00	176.8	10.6	0.0	0.0	350	14-Aug
PX03	85	227	29.10	41.0	19.2	0.0	0.00	174.9	9.8	0.0	0.0	350	15-Aug
PX03	85	228	28.50	37.6	20.1	0.0	0.00	189.7	14.0	0.0	0.0	350	16-Aug
PX03	85	229	19.30	35.8	24.1	0.0	0.00	191.4	16.5	0.0	0.0	350	17-Aug
PX03	85	230	27.20	37.6	25.2	0.0	0.00	210.5	18.7	0.0	0.0	350	18-Aug
PX03	85	231	27.40	38.5	26.9	0.0	0.00	228.7	19.5	0.0	0.0	350	19-Aug
PX03	85	232	20.20	32.8	20.9	21.0	0.00	112.9	22.0	0.0	0.0	350	20-Aug
PX03	85	233	27.30	36.6	24.8	0.0	0.00	65.3	23.0	0.0	0.0	350	21-Aug
PX03	85	234	26.90	39.9	25.4	0.0	0.00	61.9	21.1	0.0	0.0	350	22-Aug
PX03	85	235	27.80	39.4	24.2	0.0	0.00	75.1	20.0	0.0	0.0	350	23-Aug
PX03	85	236	24.10	40.8	25.3	0.0	0.00	128.9	18.1	0.0	0.0	350	24-Aug
PX03	85	237	22.20	40.9	28.9	0.0	0.00	162.1	19.1	0.0	0.0	350	25-Aug
PX03	85	238	25.00	39.3	28.3	0.0	0.00	201.6	19.6	0.0	0.0	350	26-Aug
PX03	85	239	24.80	42.2	28.2	0.0	0.00	196.6	20.9	0.0	0.0	350	27-Aug
PX03	85	240	26.20	43.7	26.4	0.0	0.00	175.3	19.6	0.0	0.0	350	28-Aug
PX03	85	241	25.80	45.8	28.5	0.0	0.00	173.0	18.6	0.0	0.0	350	29-Aug
PX03	85	242	26.60	41.9	27.7	0.0	0.00	222.5	19.2	0.0	0.0	350	30-Aug
PX03	85	243	26.10	39.2	26.4	6.0	0.00	227.0	20.2	0.0	0.0	350	31-Aug

INSTW	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
	JUL		XTMAX		XRAIN		WIND		STMAX	CO2			
PX03	85	244	23.40	35.7	23.1	0.0	0.00	96.8	21.0	0.0	0.0	350	01-Sep
PX03	85	245	25.20	38.6	24.9	0.0	0.00	114.9	19.8	0.0	0.0	350	02-Sep
PX03	85	246	23.60	39.7	25.5	0.0	0.00	160.4	15.8	0.0	0.0	350	03-Sep
PX03	85	247	21.60	35.7	22.1	3.0	0.00	176.5	12.5	0.0	0.0	350	04-Sep
PX03	85	248	23.40	34.1	19.1	0.0	0.00	98.3	11.8	0.0	0.0	350	05-Sep
PX03	85	249	19.40	34.1	19.1	0.0	0.00	132.7	14.5	0.0	0.0	350	06-Sep
PX03	85	250	26.10	32.8	19.3	0.0	0.00	101.3	13.9	0.0	0.0	350	07-Sep
PX03	85	251	24.90	33.3	19.0	0.0	0.00	115.3	12.6	0.0	0.0	350	08-Sep
PX03	85	252	16.00	35.2	18.8	0.0	0.00	78.9	12.0	0.0	0.0	350	09-Sep
PX03	85	253	13.80	33.6	21.6	0.0	0.00	83.2	12.5	0.0	0.0	350	10-Sep
PX03	85	254	24.10	32.3	17.3	0.0	0.00	189.4	13.3	0.0	0.0	350	11-Sep
PX03	85	255	25.10	34.5	13.1	0.0	0.00	54.0	6.5	0.0	0.0	350	12-Sep
PX03	85	256	24.80	36.4	14.6	0.0	0.00	77.7	9.8	0.0	0.0	350	13-Sep
PX03	85	257	22.40	45.9	18.8	0.0	0.00	73.5	15.1	0.0	0.0	350	14-Sep
PX03	85	258	17.00	38.6	24.4	0.0	0.00	107.0	16.9	0.0	0.0	350	15-Sep
PX03	85	259	16.50	39.3	22.1	0.0	0.00	91.6	13.1	0.0	0.0	350	16-Sep
PX03	85	260	24.10	39.4	21.7	0.0	0.00	150.9	13.1	0.0	0.0	350	17-Sep
PX03	85	261	11.90	27.2	16.5	17.0	0.00	145.6	15.4	0.0	0.0	350	18-Sep
PX03	85	262	23.60	30.0	15.7	1.0	0.00	99.1	14.4	0.0	0.0	350	19-Sep
PX03	85	263	23.30	29.2	15.2	0.0	0.00	57.6	13.3	0.0	0.0	350	20-Sep
PX03	85	264	23.60	32.1	15.7	0.0	0.00	48.5	13.5	0.0	0.0	350	21-Sep
PX03	85	265	23.50	33.4	17.2	0.0	0.00	101.0	13.7	0.0	0.0	350	22-Sep
PX03	85	266	19.50	34.4	18.0	0.0	0.00	75.0	13.5	0.0	0.0	350	23-Sep
PX03	85	267	22.90	36.6	17.1	0.0	0.00	72.3	12.4	0.0	0.0	350	24-Sep
PX03	85	268	21.20	36.0	18.0	0.0	0.00	89.7	13.2	0.0	0.0	350	25-Sep
PX03	85	269	21.80	37.2	18.8	5.0	0.00	108.8	13.6	0.0	0.0	350	26-Sep
PX03	85	270	18.50	32.9	20.0	1.0	0.00	169.8	15.4	0.0	0.0	350	27-Sep
PX03	85	271	15.00	29.4	20.3	0.0	0.00	170.0	15.4	0.0	0.0	350	28-Sep
PX03	85	272	21.90	31.5	16.5	0.0	0.00	73.8	14.4	0.0	0.0	350	29-Sep
PX03	85	273	16.90	32.4	18.6	0.0	0.00	60.2	14.0	0.0	0.0	350	30-Sep
PX03	85	274	20.90	33.6	15.9	0.0	0.00	60.5	11.9	0.0	0.0	350	01-Oct
PX03	85	275	20.80	33.6	18.5	0.0	0.00	76.1	12.9	0.0	0.0	350	02-Oct



FILENAME: PX140407.W85

WEATHER DATA FOR CO2-AMBIENT, IRRIGATION-WET, REP=#2

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC     ↓     CO2YR WINDYR  
 PX14 33.40 112.00 2.30 0 1 1 0 1 350 0.0

	IYR	SOLRAD	XTMIN	XPAR	DEWPT	STMIN	A00
<u>INSTW</u>	<u>JUL</u>	<u>XTMAX</u>	<u>XRAIN</u>	<u>WIND</u>	<u>STMAX</u>	<u>CO2</u>	
PX14	85	94	26.21	32.0	12.2	0.0	04-Apr
PX14	85	95	26.37	29.1	11.0	0.0	05-Apr
PX14	85	96	25.00	30.6	12.4	0.0	06-Apr
PX14	85	97	27.14	34.6	13.8	0.0	07-Apr
PX14	85	98	24.85	35.7	15.1	0.0	08-Apr
PX14	85	99	26.51	33.5	17.2	0.0	09-Apr
PX14	85	100	26.91	33.2	17.4	0.0	10-Apr
PX14	85	101	27.91	34.3	13.5	0.0	11-Apr
PX14	85	102	27.79	34.8	12.9	0.0	12-Apr
PX14	85	103	25.67	33.2	13.1	0.0	13-Apr
PX14	85	104	24.98	24.8	12.4	0.0	14-Apr
PX14	85	105	24.60	30.2	11.9	0.0	15-Apr
PX14	85	106	23.42	39.0	17.6	0.0	16-Apr
PX14	85	107	24.54	36.2	21.6	0.0	17-Apr
PX14	85	108	25.31	25.7	12.8	0.0	18-Apr
PX14	85	109	28.01	29.6	10.7	0.0	19-Apr
PX14	85	110	21.55	29.8	12.8	0.0	20-Apr
PX14	85	111	12.79	24.7	15.6	0.0	21-Apr
PX14	85	112	27.99	27.8	11.3	0.0	22-Apr
PX14	85	113	29.60	31.9	15.5	0.0	23-Apr
PX14	85	114	29.00	35.3	14.9	0.0	24-Apr
PX14	85	115	29.60	30.8	17.7	0.0	25-Apr
PX14	85	116	22.60	21.2	12.3	0.0	26-Apr
PX14	85	117	12.50	21.9	10.9	0.0	27-Apr
PX14	85	118	21.50	22.2	12.0	3.0	28-Apr
PX14	85	119	29.20	30.0	11.2	0.0	29-Apr
PX14	85	120	27.80	37.2	16.6	0.0	30-Apr
PX14	85	121	27.80	39.3	20.4	0.0	01-May
PX14	85	122	27.30	38.7	22.2	0.0	02-May
PX14	85	123	28.80	39.5	23.5	23.4	03-May
PX14	85	124	30.50	38.0	20.5	0.0	04-May
PX14	85	125	25.10	36.3	13.1	0.0	05-May
PX14	85	126	30.60	36.5	17.7	0.0	06-May
PX14	85	127	22.90	36.3	17.6	0.0	07-May
PX14	85	128	28.00	39.4	17.8	0.0	08-May
PX14	85	129	19.70	39.3	22.0	0.0	09-May
PX14	85	130	31.70	28.9	19.3	0.0	10-May
PX14	85	131	30.90	30.7	14.3	0.0	11-May
PX14	85	132	31.10	32.0	14.9	0.0	12-May
PX14	85	133	31.40	35.1	15.6	0.0	13-May
PX14	85	134	31.80	36.4	16.4	0.0	14-May
PX14	85	135	27.40	39.2	17.5	0.0	15-May
PX14	85	136	20.10	36.8	25.1	0.0	16-May
PX14	85	137	31.00	39.2	21.5	0.0	17-May
PX14	85	138	31.40	40.0	22.2	0.0	18-May
PX14	85	139	32.30	37.4	20.6	0.0	19-May

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL	XTMAX	XRAIN	WIND	STMAX	CO2							
PX14	85	140	31.80	37.6	20.4	0.0	0.00	179.7	3.4	0.0	0.0	350	20-May
PX14	85	141	31.50	36.7	20.4	0.0	0.00	133.5	6.1	0.0	0.0	350	21-May
PX14	85	142	30.50	39.2	19.3	0.0	0.00	110.3	6.5	0.0	0.0	350	22-May
PX14	85	143	22.70	38.8	20.5	0.0	0.00	122.7	7.1	0.0	0.0	350	23-May
PX14	85	144	28.90	41.0	21.6	0.0	0.00	156.4	7.5	0.0	0.0	350	24-May
PX14	85	145	32.10	39.8	22.0	0.0	0.00	172.2	6.5	0.0	0.0	350	25-May
PX14	85	146	32.40	39.3	19.9	0.0	0.00	179.1	4.8	0.0	0.0	350	26-May
PX14	85	147	31.60	39.1	21.8	0.0	0.00	142.1	4.1	0.0	0.0	350	27-May
PX14	85	148	32.40	40.6	20.2	0.0	0.00	109.7	7.0	0.0	0.0	350	28-May
PX14	85	149	26.90	40.0	23.7	0.0	0.00	89.5	9.7	0.0	0.0	350	29-May
PX14	85	150	20.00	36.4	24.5	0.0	0.00	88.1	12.0	0.0	0.0	350	30-May
PX14	85	151	32.60	36.4	21.1	0.0	0.00	182.4	8.5	0.0	0.0	350	31-May
PX14	85	152	31.70	34.9	18.8	0.0	0.00	100.8	5.4	0.0	0.0	350	01-Jun
PX14	85	153	32.00	36.9	19.2	0.0	0.00	137.8	4.5	0.0	0.0	350	02-Jun
PX14	85	154	31.30	33.9	20.0	0.0	0.00	149.8	5.9	0.0	0.0	350	03-Jun
PX14	85	155	31.70	36.3	17.2	0.0	0.00	118.9	6.2	0.0	0.0	350	04-Jun
PX14	85	156	31.30	39.2	21.0	0.0	0.00	121.9	9.0	0.0	0.0	350	05-Jun
PX14	85	157	30.90	43.8	22.5	0.0	0.00	96.6	9.5	0.0	0.0	350	06-Jun
PX14	85	158	25.90	47.3	25.2	0.0	0.00	86.8	10.3	0.0	0.0	350	07-Jun
PX14	85	159	31.50	45.1	25.8	0.0	0.00	195.8	10.9	0.0	0.0	350	08-Jun
PX14	85	160	31.30	45.4	25.2	0.0	0.00	179.0	9.8	0.0	0.0	350	09-Jun
PX14	85	161	32.10	43.6	25.6	0.0	0.00	224.1	10.4	0.0	0.0	350	10-Jun
PX14	85	162	31.30	41.6	25.6	0.0	0.00	199.9	11.4	0.0	0.0	350	11-Jun
PX14	85	163	31.10	44.0	26.3	0.0	0.00	222.0	11.8	0.0	0.0	350	12-Jun
PX14	85	164	31.50	43.8	26.2	0.0	0.00	201.4	8.1	0.0	0.0	350	13-Jun
PX14	85	165	30.40	42.0	24.8	0.0	0.00	167.3	9.0	0.0	0.0	350	14-Jun
PX14	85	166	32.00	43.2	23.0	0.0	0.00	90.5	8.6	0.0	0.0	350	15-Jun
PX14	85	167	32.00	44.2	24.1	0.0	0.00	87.3	8.6	0.0	0.0	350	16-Jun
PX14	85	168	31.70	45.1	24.1	0.0	0.00	85.1	7.8	0.0	0.0	350	17-Jun
PX14	85	169	30.40	45.8	24.6	0.0	0.00	116.3	8.1	0.0	0.0	350	18-Jun
PX14	85	170	27.10	43.9	26.5	0.0	0.00	91.6	11.0	0.0	0.0	350	19-Jun
PX14	85	171	30.10	42.6	28.4	0.0	0.00	118.6	13.9	0.0	0.0	350	20-Jun
PX14	85	172	31.10	38.8	25.5	0.0	0.00	100.7	10.9	0.0	0.0	350	21-Jun
PX14	85	173	27.70	39.6	24.4	0.0	0.00	136.2	12.1	0.0	0.0	350	22-Jun
PX14	85	174	21.10	40.2	26.0	0.0	0.00	71.4	12.8	0.0	0.0	350	23-Jun
PX14	85	175	12.90	36.7	27.8	0.0	0.00	126.3	12.1	0.0	0.0	350	24-Jun
PX14	85	176	31.20	36.9	22.1	0.0	0.00	97.5	9.5	0.0	0.0	350	25-Jun
PX14	85	177	32.60	39.6	23.3	0.0	0.00	103.2	5.9	0.0	0.0	350	26-Jun
PX14	85	178	32.10	43.5	19.6	0.0	0.00	62.1	6.7	0.0	0.0	350	27-Jun
PX14	85	179	31.80	40.4	22.6	0.0	0.00	91.1	11.1	0.0	0.0	350	28-Jun
PX14	85	180	28.80	40.5	23.7	0.0	0.00	118.9	12.7	0.0	0.0	350	29-Jun
PX14	85	181	30.70	41.2	23.4	0.0	0.00	105.3	15.4	0.0	0.0	350	30-Jun
PX14	85	182	30.50	43.6	23.8	0.0	0.00	141.0	10.1	0.0	0.0	350	01-Jul
PX14	85	183	31.60	43.9	25.6	0.0	0.00	146.3	11.2	0.0	0.0	350	02-Jul
PX14	85	184	30.98	42.9	26.2	0.0	0.00	81.4	10.9	0.0	0.0	350	03-Jul
PX14	85	185	30.49	38.8	26.8	0.0	0.00	96.5	13.0	0.0	0.0	350	04-Jul
PX14	85	186	29.52	40.7	27.4	0.0	0.00	111.4	15.8	0.0	0.0	350	05-Jul
PX14	85	187	29.40	38.9	27.3	0.0	0.00	125.6	19.7	0.0	0.0	350	06-Jul
PX14	85	188	28.20	39.7	29.0	0.0	0.00	136.1	18.3	0.0	0.0	350	07-Jul
PX14	85	189	26.30	42.1	29.1	0.0	0.00	142.8	18.0	0.0	0.0	350	08-Jul
PX14	85	190	29.40	39.1	28.4	0.0	0.00	146.2	18.4	0.0	0.0	350	09-Jul
PX14	85	191	29.70	40.3	25.7	0.0	0.00	133.1	20.5	0.0	0.0	350	10-Jul

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX14	85	192	29.30	41.3	28.6	0.0	0.00	107.4	18.9	0.0	0.0	350	11-Jul
PX14	85	193	28.40	42.8	30.3	0.0	0.00	110.2	16.8	0.0	0.0	350	12-Jul
PX14	85	194	22.80	41.9	28.6	0.0	0.00	123.7	17.3	0.0	0.0	350	13-Jul
PX14	85	195	27.70	39.4	30.0	0.0	0.00	147.6	19.3	0.0	0.0	350	14-Jul
PX14	85	196	29.20	38.5	28.4	23.0	0.00	185.1	20.3	0.0	0.0	350	15-Jul
PX14	85	197	26.20	35.0	23.0	0.0	0.00	97.8	23.6	0.0	0.0	350	16-Jul
PX14	85	198	30.30	36.5	26.7	0.0	0.00	168.8	22.3	0.0	0.0	350	17-Jul
PX14	85	199	18.30	31.0	23.3	5.0	0.00	110.3	22.9	0.0	0.0	350	18-Jul
PX14	85	200	19.20	33.4	25.1	0.0	0.00	129.1	22.3	0.0	0.0	350	19-Jul
PX14	85	201	28.80	36.6	26.4	0.0	0.00	91.9	22.2	0.0	0.0	350	20-Jul
PX14	85	202	30.80	36.7	26.1	0.0	0.00	127.3	21.5	0.0	0.0	350	21-Jul
PX14	85	203	30.80	37.3	27.7	0.0	0.00	133.5	19.4	0.0	0.0	350	22-Jul
PX14	85	204	31.20	37.6	25.8	0.0	0.00	107.5	18.2	0.0	0.0	350	23-Jul
PX14	85	205	30.39	39.7	25.3	0.0	0.00	89.8	10.9	0.0	0.0	350	24-Jul
PX14	85	206	30.80	38.5	25.2	0.0	0.00	135.7	13.1	0.0	0.0	350	25-Jul
PX14	85	207	30.60	37.6	22.9	0.0	0.00	125.5	16.9	0.0	0.0	350	26-Jul
PX14	85	208	22.00	37.4	29.8	0.0	0.00	235.4	17.6	0.0	0.0	350	27-Jul
PX14	85	209	25.60	35.3	27.8	0.0	0.00	171.5	20.5	0.0	0.0	350	28-Jul
PX14	85	210	25.70	36.8	27.9	0.0	0.00	123.4	21.1	0.0	0.0	350	29-Jul
PX14	85	211	30.00	39.2	28.0	0.0	0.00	114.3	20.8	0.0	0.0	350	30-Jul
PX14	85	212	29.90	40.7	27.0	0.0	0.00	117.6	16.7	0.0	0.0	350	31-Jul
PX14	85	213	18.60	36.2	28.0	0.0	0.00	167.2	20.2	0.0	0.0	350	01-Aug
PX14	85	214	24.80	35.7	26.6	0.0	0.00	145.1	21.8	0.0	0.0	350	02-Aug
PX14	85	215	28.50	35.8	26.4	0.0	0.00	86.6	22.3	0.0	0.0	350	03-Aug
PX14	85	216	29.60	36.8	27.5	0.0	0.00	116.4	20.0	0.0	0.0	350	04-Aug
PX14	85	217	28.50	37.6	25.2	0.0	0.00	108.4	16.2	0.0	0.0	350	05-Aug
PX14	85	218	28.80	37.7	24.4	0.0	0.00	110.5	18.7	0.0	0.0	350	06-Aug
PX14	85	219	26.50	37.7	28.6	0.0	0.00	139.5	20.4	0.0	0.0	350	07-Aug
PX14	85	220	28.50	37.9	26.7	0.0	0.00	110.9	20.7	0.0	0.0	350	08-Aug
PX14	85	221	29.50	36.4	25.1	0.0	0.00	121.6	18.8	0.0	0.0	350	09-Aug
PX14	85	222	29.00	36.4	24.7	0.0	0.00	160.3	18.1	0.0	0.0	350	10-Aug
PX14	85	223	26.80	37.0	27.8	0.0	0.00	197.5	20.7	0.0	0.0	350	11-Aug
PX14	85	224	29.40	35.6	24.3	0.0	0.00	168.4	16.2	0.0	0.0	350	12-Aug
PX14	85	225	29.40	37.4	22.8	0.0	0.00	178.5	14.6	0.0	0.0	350	13-Aug
PX14	85	226	30.10	38.6	20.7	0.0	0.00	176.8	11.0	0.0	0.0	350	14-Aug
PX14	85	227	29.10	38.9	19.3	0.0	0.00	174.9	10.4	0.0	0.0	350	15-Aug
PX14	85	228	28.50	38.2	21.2	0.0	0.00	189.7	13.6	0.0	0.0	350	16-Aug
PX14	85	229	19.30	36.3	23.7	0.0	0.00	191.4	16.3	0.0	0.0	350	17-Aug
PX14	85	230	27.20	37.7	25.2	0.0	0.00	210.5	18.7	0.0	0.0	350	18-Aug
PX14	85	231	27.40	38.1	26.6	0.0	0.00	228.7	19.6	0.0	0.0	350	19-Aug
PX14	85	232	20.20	33.5	23.1	21.0	0.00	112.9	22.6	0.0	0.0	350	20-Aug
PX14	85	233	27.30	36.6	24.8	0.0	0.00	65.3	22.9	0.0	0.0	350	21-Aug
PX14	85	234	26.90	40.6	24.8	0.0	0.00	61.9	23.6	0.0	0.0	350	22-Aug
PX14	85	235	27.80	39.3	23.8	0.0	0.00	75.1	20.3	0.0	0.0	350	23-Aug
PX14	85	236	24.10	40.3	25.8	0.0	0.00	128.9	18.5	0.0	0.0	350	24-Aug
PX14	85	237	22.20	40.5	29.0	0.0	0.00	162.1	19.5	0.0	0.0	350	25-Aug
PX14	85	238	25.00	38.6	28.4	0.0	0.00	201.6	20.1	0.0	0.0	350	26-Aug
PX14	85	239	24.80	40.8	28.3	0.0	0.00	196.6	21.4	0.0	0.0	350	27-Aug
PX14	85	240	26.20	42.0	26.1	0.0	0.00	175.3	20.2	0.0	0.0	350	28-Aug
PX14	85	241	25.80	42.9	29.0	0.0	0.00	173.0	19.7	0.0	0.0	350	29-Aug
PX14	85	242	26.60	38.9	27.1	0.0	0.00	222.5	20.3	0.0	0.0	350	30-Aug
PX14	85	243	26.10	37.4	27.0	6.0	0.00	227.0	21.0	0.0	0.0	350	31-Aug

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL	XTMAX		XRAIN		WIND		STMAX		CO2			
PX14	85	244	23.40	34.8	24.6	0.0	0.00	96.8	21.9	0.0	0.0	350	01-Sep
PX14	85	245	25.20	37.1	25.6	0.0	0.00	114.9	20.4	0.0	0.0	350	02-Sep
PX14	85	246	23.60	37.9	25.6	0.0	0.00	160.4	16.3	0.0	0.0	350	03-Sep
PX14	85	247	21.60	34.4	22.0	3.0	0.00	176.5	13.9	0.0	0.0	350	04-Sep
PX14	85	248	23.40	32.7	19.3	0.0	0.00	98.3	12.8	0.0	0.0	350	05-Sep
PX14	85	249	19.40	32.0	20.2	0.0	0.00	132.7	15.2	0.0	0.0	350	06-Sep
PX14	85	250	26.10	32.7	19.9	0.0	0.00	101.3	14.3	0.0	0.0	350	07-Sep
PX14	85	251	24.90	34.1	19.7	0.0	0.00	115.3	12.7	0.0	0.0	350	08-Sep
PX14	85	252	16.00	32.1	21.1	0.0	0.00	78.9	11.6	0.0	0.0	350	09-Sep
PX14	85	253	13.80	34.1	22.4	0.0	0.00	83.2	12.6	0.0	0.0	350	10-Sep
PX14	85	254	24.10	31.7	17.4	0.0	0.00	189.4	13.5	0.0	0.0	350	11-Sep
PX14	85	255	25.10	33.9	12.9	0.0	0.00	54.0	6.7	0.0	0.0	350	12-Sep
PX14	85	256	24.80	34.7	14.7	0.0	0.00	77.7	10.4	0.0	0.0	350	13-Sep
PX14	85	257	22.40	45.9	18.8	0.0	0.00	73.5	15.0	0.0	0.0	350	14-Sep
PX14	85	258	17.00	38.1	24.4	0.0	0.00	107.0	16.9	0.0	0.0	350	15-Sep
PX14	85	259	16.50	38.1	21.3	0.0	0.00	91.6	14.7	0.0	0.0	350	16-Sep
PX14	85	260	24.10	37.9	20.7	0.0	0.00	150.9	14.0	0.0	0.0	350	17-Sep
PX14	85	261	11.90	27.3	16.8	17.0	0.00	145.6	18.5	0.0	0.0	350	18-Sep
PX14	85	262	23.60	29.5	15.9	1.0	0.00	99.1	13.5	0.0	0.0	350	19-Sep
PX14	85	263	23.30	29.0	15.2	0.0	0.00	57.6	13.4	0.0	0.0	350	20-Sep
PX14	85	264	23.60	31.7	15.6	0.0	0.00	48.5	13.5	0.0	0.0	350	21-Sep
PX14	85	265	23.50	33.2	17.5	0.0	0.00	101.0	13.7	0.0	0.0	350	22-Sep
PX14	85	266	19.50	34.3	18.7	0.0	0.00	75.0	13.3	0.0	0.0	350	23-Sep
PX14	85	267	22.90	35.8	18.0	0.0	0.00	72.3	12.2	0.0	0.0	350	24-Sep
PX14	85	268	21.20	35.8	18.6	0.0	0.00	89.7	12.9	0.0	0.0	350	25-Sep
PX14	85	269	21.80	36.8	19.4	5.0	0.00	108.8	13.7	0.0	0.0	350	26-Sep
PX14	85	270	18.50	32.8	20.0	1.0	0.00	169.8	16.4	0.0	0.0	350	27-Sep
PX14	85	271	15.00	28.8	20.1	0.0	0.00	170.0	16.4	0.0	0.0	350	28-Sep
PX14	85	272	21.90	31.1	16.7	0.0	0.00	73.8	15.5	0.0	0.0	350	29-Sep
PX14	85	273	16.90	31.8	18.5	0.0	0.00	60.2	14.1	0.0	0.0	350	30-Sep
PX14	85	274	20.90	33.6	15.8	0.0	0.00	60.5	12.2	0.0	0.0	350	01-Oct
PX14	85	275	20.80	32.9	19.4	0.0	0.00	76.1	13.6	0.0	0.0	350	02-Oct

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC + CO2YR WINDYR  
 PX05 33.40 112.00 2.30 0 1 1 0 1 500 0.0

	IYR	SOLRAD	XTMIN	XPAR	DEWPT	STMIN	A00						
<u>INSTW</u>	<u>JUL</u>	<u>XTMAX</u>	<u>XRAIN</u>	<u>WIND</u>	<u>STMAX</u>	<u>CO2</u>							
PX05	85	94	26.21	32.0	12.2	0.0	0.00	164.2	2.1	0.0	0.0	350	04-Apr
PX05	85	95	26.37	29.1	11.0	0.0	0.00	276.5	1.3	0.0	0.0	350	05-Apr
PX05	85	96	25.00	30.6	12.4	0.0	0.00	164.2	-3.3	0.0	0.0	350	06-Apr
PX05	85	97	27.14	34.6	13.8	0.0	0.00	276.5	-5.0	0.0	0.0	350	07-Apr
PX05	85	98	24.85	35.7	15.1	0.0	0.00	164.2	-6.0	0.0	0.0	350	08-Apr
PX05	85	99	26.51	33.5	17.2	0.0	0.00	236.5	-1.2	0.0	0.0	350	09-Apr
PX05	85	100	26.91	33.2	17.4	0.0	0.00	150.6	3.2	0.0	0.0	350	10-Apr
PX05	85	101	27.91	34.3	13.5	0.0	0.00	152.3	6.1	0.0	0.0	500	11-Apr
PX05	85	102	27.79	34.8	12.9	0.0	0.00	141.9	6.4	0.0	0.0	500	12-Apr
PX05	85	103	25.67	33.2	13.1	0.0	0.00	131.4	5.9	0.0	0.0	500	13-Apr
PX05	85	104	24.98	24.8	12.4	0.0	0.00	160.9	2.5	0.0	0.0	500	14-Apr
PX05	85	105	24.60	30.2	11.9	0.0	0.00	178.8	0.2	0.0	0.0	500	15-Apr
PX05	85	106	23.42	38.7	18.1	0.0	0.00	164.2	-0.0	0.0	0.0	500	16-Apr
PX05	85	107	24.54	36.6	22.2	0.0	0.00	276.5	1.1	0.0	0.0	500	17-Apr
PX05	85	108	25.31	26.0	13.3	0.0	0.00	250.6	1.7	0.0	0.0	500	18-Apr
PX05	85	109	28.01	29.7	11.2	0.0	0.00	112.3	4.5	0.0	0.0	500	19-Apr
PX05	85	110	21.55	29.9	13.3	0.0	0.00	241.9	3.0	0.0	0.0	500	20-Apr
PX05	85	111	12.79	25.0	16.2	0.0	0.00	181.4	2.1	0.0	0.0	500	21-Apr
PX05	85	112	27.99	28.0	11.8	0.0	0.00	120.9	2.9	0.0	0.0	500	22-Apr
PX05	85	113	29.60	32.9	15.3	0.0	0.00	78.8	3.6	0.0	0.0	500	23-Apr
PX05	85	114	29.00	35.5	14.0	0.0	0.00	105.4	2.3	0.0	0.0	500	24-Apr
PX05	85	115	29.60	31.1	17.6	0.0	0.00	228.7	1.1	0.0	0.0	500	25-Apr
PX05	85	116	22.60	21.6	11.9	0.0	0.00	204.4	0.6	0.0	0.0	500	26-Apr
PX05	85	117	12.50	23.8	10.8	0.0	0.00	128.8	7.4	0.0	0.0	500	27-Apr
PX05	85	118	21.50	22.6	12.2	3.0	0.00	86.8	9.2	0.0	0.0	500	28-Apr
PX05	85	119	29.20	30.3	10.9	0.0	0.00	87.8	8.6	0.0	0.0	500	29-Apr
PX05	85	120	27.80	37.5	16.3	0.0	0.00	88.5	10.4	0.0	0.0	500	30-Apr
PX05	85	121	27.80	39.6	20.3	0.0	0.00	141.0	8.2	0.0	0.0	500	01-May
PX05	85	122	27.30	39.3	22.0	0.0	0.00	115.7	9.2	0.0	0.0	500	02-May
PX05	85	123	28.80	40.0	23.4	23.4	0.00	123.3	7.1	0.0	0.0	500	03-May
PX05	85	124	30.50	38.7	20.5	0.0	0.00	148.3	3.8	0.0	0.0	500	04-May
PX05	85	125	25.10	36.8	18.1	0.0	0.00	118.0	1.3	0.0	0.0	500	05-May
PX05	85	126	30.60	37.1	17.4	0.0	0.00	118.9	1.3	0.0	0.0	500	06-May
PX05	85	127	22.90	37.0	16.7	0.0	0.00	59.5	0.9	0.0	0.0	500	07-May
PX05	85	128	28.00	39.9	17.3	0.0	0.00	75.3	2.9	0.0	0.0	500	08-May
PX05	85	129	19.70	39.8	21.7	0.0	0.00	178.3	5.3	0.0	0.0	500	09-May
PX05	85	130	31.70	30.1	19.5	0.0	0.00	236.4	3.8	0.0	0.0	500	10-May
PX05	85	131	30.90	31.4	14.2	0.0	0.00	100.8	3.0	0.0	0.0	500	11-May
PX05	85	132	31.10	32.8	14.8	0.0	0.00	89.9	3.8	0.0	0.0	500	12-May
PX05	85	133	31.40	35.6	15.3	0.0	0.00	73.5	2.5	0.0	0.0	500	13-May
PX05	85	134	31.80	36.5	15.5	0.0	0.00	63.6	-3.5	0.0	0.0	500	14-May
PX05	85	135	27.40	39.4	17.1	0.0	0.00	133.5	-0.0	0.0	0.0	500	15-May
PX05	85	136	20.10	37.2	24.9	0.0	0.00	145.7	4.8	0.0	0.0	500	16-May
PX05	85	137	31.00	39.7	21.3	0.0	0.00	96.6	8.1	0.0	0.0	500	17-May
PX05	85	138	31.40	40.4	21.8	0.0	0.00	147.2	6.8	0.0	0.0	500	18-May
PX05	85	139	32.30	37.9	20.3	0.0	0.00	179.5	2.3	0.0	0.0	500	19-May

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX	CO2			
PX05	85	140	31.80	38.3	20.1	0.0	0.00	179.7	4.1	0.0	0.0	500	20-May
PX05	85	141	31.50	37.6	20.4	0.0	0.00	133.5	6.5	0.0	0.0	500	21-May
PX05	85	142	30.50	40.1	18.8	0.0	0.00	110.3	6.8	0.0	0.0	500	22-May
PX05	85	143	22.70	39.5	20.3	0.0	0.00	122.7	7.0	0.0	0.0	500	23-May
PX05	85	144	28.90	41.5	21.0	0.0	0.00	156.4	7.8	0.0	0.0	500	24-May
PX05	85	145	32.10	40.8	21.9	0.0	0.00	172.2	6.5	0.0	0.0	500	25-May
PX05	85	146	32.40	40.0	19.5	0.0	0.00	179.1	5.0	0.0	0.0	500	26-May
PX05	85	147	31.60	40.0	21.6	0.0	0.00	142.1	3.8	0.0	0.0	500	27-May
PX05	85	148	32.40	40.8	20.0	0.0	0.00	109.7	3.6	0.0	0.0	500	28-May
PX05	85	149	26.90	40.0	23.7	0.0	0.00	89.5	7.4	0.0	0.0	500	29-May
PX05	85	150	20.00	36.4	24.5	0.0	0.00	88.1	9.8	0.0	0.0	500	30-May
PX05	85	151	32.60	36.9	20.6	0.0	0.00	182.4	8.6	0.0	0.0	500	31-May
PX05	85	152	31.70	35.2	18.7	0.0	0.00	100.8	5.4	0.0	0.0	500	01-Jun
PX05	85	153	32.00	37.5	18.8	0.0	0.00	137.8	4.5	0.0	0.0	500	02-Jun
PX05	85	154	31.30	34.5	19.7	0.0	0.00	149.8	5.9	0.0	0.0	500	03-Jun
PX05	85	155	31.70	36.9	16.8	0.0	0.00	118.9	6.4	0.0	0.0	500	04-Jun
PX05	85	156	31.30	39.7	20.7	0.0	0.00	121.9	8.9	0.0	0.0	500	05-Jun
PX05	85	157	30.90	44.5	22.1	0.0	0.00	96.6	9.4	0.0	0.0	500	06-Jun
PX05	85	158	25.90	47.7	24.6	0.0	0.00	86.8	9.9	0.0	0.0	500	07-Jun
PX05	85	159	31.50	46.8	25.5	0.0	0.00	195.8	10.4	0.0	0.0	500	08-Jun
PX05	85	160	31.30	46.8	24.2	0.0	0.00	179.0	9.0	0.0	0.0	500	09-Jun
PX05	85	161	32.10	45.3	25.3	0.0	0.00	224.1	9.8	0.0	0.0	500	10-Jun
PX05	85	162	31.30	42.6	25.0	0.0	0.00	199.9	10.9	0.0	0.0	500	11-Jun
PX05	85	163	31.10	26.1	25.6	0.0	0.00	222.0	11.4	0.0	0.0	500	12-Jun
PX05	85	164	31.50	45.0	26.0	0.0	0.00	201.4	7.5	0.0	0.0	500	13-Jun
PX05	85	165	30.40	43.1	24.3	0.0	0.00	167.3	8.6	0.0	0.0	500	14-Jun
PX05	85	166	32.00	44.3	22.5	0.0	0.00	90.5	8.0	0.0	0.0	500	15-Jun
PX05	85	167	32.00	45.5	23.7	0.0	0.00	87.3	8.0	0.0	0.0	500	16-Jun
PX05	85	168	31.70	46.6	23.8	0.0	0.00	85.1	7.3	0.0	0.0	500	17-Jun
PX05	85	169	30.40	47.1	24.2	0.0	0.00	116.3	7.7	0.0	0.0	500	18-Jun
PX05	85	170	27.10	44.7	26.5	0.0	0.00	91.6	10.6	0.0	0.0	500	19-Jun
PX05	85	171	30.10	43.5	28.2	0.0	0.00	118.6	13.2	0.0	0.0	500	20-Jun
PX05	85	172	31.10	39.8	25.4	0.0	0.00	100.7	9.8	0.0	0.0	500	21-Jun
PX05	85	173	27.70	40.6	24.2	0.0	0.00	136.2	11.0	0.0	0.0	500	22-Jun
PX05	85	174	21.10	40.8	25.7	0.0	0.00	71.4	11.4	0.0	0.0	500	23-Jun
PX05	85	175	12.90	37.4	27.5	0.0	0.00	126.3	11.2	0.0	0.0	500	24-Jun
PX05	85	176	31.20	38.5	22.4	0.0	0.00	97.5	8.5	0.0	0.0	500	25-Jun
PX05	85	177	32.60	41.1	23.1	0.0	0.00	103.2	4.6	0.0	0.0	500	26-Jun
PX05	85	178	32.10	44.7	19.6	0.0	0.00	62.1	3.8	0.0	0.0	500	27-Jun
PX05	85	179	31.80	42.2	22.6	0.0	0.00	91.1	8.1	0.0	0.0	500	28-Jun
PX05	85	180	28.80	42.2	23.6	0.0	0.00	118.9	9.0	0.0	0.0	500	29-Jun
PX05	85	181	30.70	43.2	23.1	0.0	0.00	105.3	9.8	0.0	0.0	500	30-Jun
PX05	85	182	30.50	45.1	23.5	0.0	0.00	141.0	9.2	0.0	0.0	500	01-Jul
PX05	85	183	31.60	46.1	25.6	0.0	0.00	146.3	7.5	0.0	0.0	500	02-Jul
PX05	85	184	30.98	42.9	26.2	0.0	0.00	81.4	10.9	0.0	0.0	500	03-Jul
PX05	85	185	30.49	38.8	26.8	0.0	0.00	96.5	13.0	0.0	0.0	500	04-Jul
PX05	85	186	29.52	40.7	27.4	0.0	0.00	111.4	15.8	0.0	0.0	500	05-Jul
PX05	85	187	29.40	41.2	27.6	0.0	0.00	125.6	18.7	0.0	0.0	500	06-Jul
PX05	85	188	28.20	42.4	29.5	0.0	0.00	136.1	17.2	0.0	0.0	500	07-Jul
PX05	85	189	26.30	44.9	30.3	0.0	0.00	142.8	14.9	0.0	0.0	500	08-Jul
PX05	85	190	29.40	42.1	31.5	0.0	0.00	146.2	18.0	0.0	0.0	500	09-Jul
PX05	85	191	29.70	43.2	28.8	0.0	0.00	133.1	17.4	0.0	0.0	500	10-Jul

	YR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX05	85	192	29.30	45.2	28.5	0.0	0.00	107.4	17.4	0.0	0.0	500	11-Jul
PX05	85	193	28.40	39.1	28.4	0.0	0.00	110.2	18.5	0.0	0.0	500	12-Jul
PX05	85	194	22.80	41.1	27.7	0.0	0.00	123.7	17.7	0.0	0.0	500	13-Jul
PX05	85	195	27.70	41.4	30.3	0.0	0.00	147.6	18.6	0.0	0.0	500	14-Jul
PX05	85	196	29.20	40.5	28.3	23.0	0.00	185.1	19.7	0.0	0.0	500	15-Jul
PX05	85	197	26.20	35.7	23.3	0.0	0.00	97.8	23.6	0.0	0.0	500	16-Jul
PX05	85	198	30.30	38.4	26.9	0.0	0.00	168.8	21.9	0.0	0.0	500	17-Jul
PX05	85	199	18.30	31.6	23.0	5.0	0.00	110.3	22.8	0.0	0.0	500	18-Jul
PX05	85	200	19.20	34.3	25.2	0.0	0.00	129.1	22.0	0.0	0.0	500	19-Jul
PX05	85	201	28.80	36.7	26.7	0.0	0.00	91.9	22.1	0.0	0.0	500	20-Jul
PX05	85	202	30.80	38.1	26.5	0.0	0.00	127.3	22.1	0.0	0.0	500	21-Jul
PX05	85	203	30.80	38.5	25.6	0.0	0.00	133.5	20.1	0.0	0.0	500	22-Jul
PX05	85	204	31.20	38.1	23.2	0.0	0.00	107.5	19.2	0.0	0.0	500	23-Jul
PX05	85	205	30.39	39.7	25.3	0.0	0.00	89.8	10.9	0.0	0.0	500	24-Jul
PX05	85	206	30.80	42.2	25.6	0.0	0.00	135.7	11.0	0.0	0.0	500	25-Jul
PX05	85	207	30.60	40.3	23.7	0.0	0.00	125.5	15.4	0.0	0.0	500	26-Jul
PX05	85	208	22.00	38.1	30.2	0.0	0.00	235.4	16.7	0.0	0.0	500	27-Jul
PX05	85	209	25.60	36.6	28.2	0.0	0.00	171.5	19.8	0.0	0.0	500	28-Jul
PX05	85	210	25.70	38.8	28.3	0.0	0.00	123.4	20.6	0.0	0.0	500	29-Jul
PX05	85	211	30.00	41.3	28.2	0.0	0.00	114.3	19.9	0.0	0.0	500	30-Jul
PX05	85	212	29.90	43.2	27.9	0.0	0.00	117.6	15.3	0.0	0.0	500	31-Jul
PX05	85	213	18.60	38.0	28.0	0.0	0.00	167.2	19.4	0.0	0.0	500	01-Aug
PX05	85	214	24.80	37.4	27.2	0.0	0.00	145.1	21.0	0.0	0.0	500	02-Aug
PX05	85	215	28.50	37.2	26.9	0.0	0.00	86.6	21.4	0.0	0.0	500	03-Aug
PX05	85	216	29.60	38.4	28.1	0.0	0.00	116.4	18.9	0.0	0.0	500	04-Aug
PX05	85	217	28.50	39.2	26.0	0.0	0.00	108.4	14.8	0.0	0.0	500	05-Aug
PX05	85	218	28.80	40.3	25.0	0.0	0.00	110.5	17.3	0.0	0.0	500	06-Aug
PX05	85	219	26.50	41.5	29.0	0.0	0.00	139.5	19.1	0.0	0.0	500	07-Aug
PX05	85	220	28.50	42.2	27.6	0.0	0.00	110.9	18.9	0.0	0.0	500	08-Aug
PX05	85	221	29.50	38.6	26.5	0.0	0.00	121.6	17.2	0.0	0.0	500	09-Aug
PX05	85	222	29.00	38.7	26.0	0.0	0.00	160.3	16.5	0.0	0.0	500	10-Aug
PX05	85	223	26.80	37.9	28.5	0.0	0.00	197.5	19.7	0.0	0.0	500	11-Aug
PX05	85	224	29.40	39.0	25.1	0.0	0.00	168.4	14.4	0.0	0.0	500	12-Aug
PX05	85	225	29.40	42.1	24.2	0.0	0.00	178.5	12.3	0.0	0.0	500	13-Aug
PX05	85	226	30.10	43.2	22.4	0.0	0.00	176.8	8.1	0.0	0.0	500	14-Aug
PX05	85	227	29.10	43.3	20.7	0.0	0.00	174.9	7.1	0.0	0.0	500	15-Aug
PX05	85	228	28.50	40.6	22.0	0.0	0.00	189.7	11.8	0.0	0.0	500	16-Aug
PX05	85	229	19.30	37.6	25.1	0.0	0.00	191.4	15.3	0.0	0.0	500	17-Aug
PX05	85	230	27.20	40.0	25.8	0.0	0.00	210.5	17.7	0.0	0.0	500	18-Aug
PX05	85	231	27.40	41.5	27.7	0.0	0.00	228.7	18.7	0.0	0.0	500	19-Aug
PX05	85	232	20.20	34.5	21.3	21.0	0.00	112.9	22.3	0.0	0.0	500	20-Aug
PX05	85	233	27.30	39.4	25.5	0.0	0.00	65.3	22.2	0.0	0.0	500	21-Aug
PX05	85	234	26.90	42.8	26.1	0.0	0.00	61.9	20.2	0.0	0.0	500	22-Aug
PX05	85	235	27.80	41.8	25.1	0.0	0.00	75.1	18.9	0.0	0.0	500	23-Aug
PX05	85	236	24.10	42.4	26.9	0.0	0.00	128.9	17.1	0.0	0.0	500	24-Aug
PX05	85	237	22.20	43.5	30.1	0.0	0.00	162.1	18.0	0.0	0.0	500	25-Aug
PX05	85	238	25.00	41.6	29.4	0.0	0.00	201.6	18.8	0.0	0.0	500	26-Aug
PX05	85	239	24.80	44.3	29.3	0.0	0.00	196.6	20.4	0.0	0.0	500	27-Aug
PX05	85	240	26.20	45.3	27.1	0.0	0.00	175.3	18.7	0.0	0.0	500	28-Aug
PX05	85	241	25.80	47.6	29.6	0.0	0.00	173.0	17.8	0.0	0.0	500	29-Aug
PX05	85	242	26.60	42.4	28.4	0.0	0.00	222.5	18.7	0.0	0.0	500	30-Aug
PX05	85	243	26.10	40.3	27.5	6.0	0.00	227.0	19.7	0.0	0.0	500	31-Aug

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL	XTMAX		XRAIN	WIND	STMAX	CO2						
PX05	85	244	23.40	36.3	24.7	0.0	0.00	96.8	21.7	0.0	0.0	500	01-Sep
PX05	85	245	25.20	39.3	26.0	0.0	0.00	114.9	20.1	0.0	0.0	500	02-Sep
PX05	85	246	23.60	40.0	26.5	0.0	0.00	160.4	15.7	0.0	0.0	500	03-Sep
PX05	85	247	21.60	36.5	22.4	0.0	0.00	176.5	12.2	0.0	0.0	500	04-Sep
PX05	85	248	23.40	34.8	19.7	0.0	0.00	98.3	11.0	0.0	0.0	500	05-Sep
PX05	85	249	19.40	33.6	20.3	0.0	0.00	132.7	13.8	0.0	0.0	500	06-Sep
PX05	85	250	26.10	34.2	20.2	0.0	0.00	101.3	13.5	0.0	0.0	500	07-Sep
PX05	85	251	24.90	36.1	19.8	0.0	0.00	115.3	12.0	0.0	0.0	500	08-Sep
PX05	85	252	16.00	33.0	21.3	0.0	0.00	78.9	10.9	0.0	0.0	500	09-Sep
PX05	85	253	13.80	34.3	23.1	0.0	0.00	83.2	12.1	0.0	0.0	500	10-Sep
PX05	85	254	24.10	32.9	17.7	0.0	0.00	189.4	12.9	0.0	0.0	500	11-Sep
PX05	85	255	25.10	34.9	13.1	0.0	0.00	54.0	5.8	0.0	0.0	500	12-Sep
PX05	85	256	24.80	37.4	15.5	0.0	0.00	77.7	8.6	0.0	0.0	500	13-Sep
PX05	85	257	22.40	47.1	20.3	0.0	0.00	73.5	13.0	0.0	0.0	500	14-Sep
PX05	85	258	17.00	39.2	25.2	0.0	0.00	107.0	15.9	0.0	0.0	500	15-Sep
PX05	85	259	16.50	40.2	23.6	0.0	0.00	91.6	12.1	0.0	0.0	500	16-Sep
PX05	85	260	24.10	40.2	22.6	0.0	0.00	150.9	12.2	0.0	0.0	500	17-Sep
PX05	85	261	11.90	27.2	17.1	17.0	0.00	145.6	18.4	0.0	0.0	500	18-Sep
PX05	85	262	23.60	30.5	16.0	1.0	0.00	99.1	14.1	0.0	0.0	500	19-Sep
PX05	85	263	23.30	30.1	15.5	0.0	0.00	57.6	12.4	0.0	0.0	500	20-Sep
PX05	85	264	23.60	33.1	16.3	0.0	0.00	48.5	12.4	0.0	0.0	500	21-Sep
PX05	85	265	23.50	34.2	17.9	0.0	0.00	101.0	12.8	0.0	0.0	500	22-Sep
PX05	85	266	19.50	35.5	19.3	0.0	0.00	75.0	12.7	0.0	0.0	500	23-Sep
PX05	85	267	22.90	37.4	16.1	0.0	0.00	72.3	13.3	0.0	0.0	500	24-Sep
PX05	85	268	21.20	37.0	19.1	0.0	0.00	89.7	11.9	0.0	0.0	500	25-Sep
PX05	85	269	21.80	38.4	19.7	5.0	0.00	108.8	12.6	0.0	0.0	500	26-Sep
PX05	85	270	18.50	33.8	20.8	1.0	0.00	169.8	15.9	0.0	0.0	500	27-Sep
PX05	85	271	15.00	29.2	20.6	0.0	0.00	170.0	16.0	0.0	0.0	500	28-Sep
PX05	85	272	21.90	32.3	17.4	0.0	0.00	73.8	14.8	0.0	0.0	500	29-Sep
PX05	85	273	16.90	33.0	19.3	0.0	0.00	60.2	13.2	0.0	0.0	500	30-Sep
PX05	85	274	20.90	34.7	16.4	0.0	0.00	60.5	11.3	0.0	0.0	500	01-Oct
PX05	85	275	20.80	34.6	19.6	0.0	0.00	76.1	12.9	0.0	0.0	500	02-Oct



FILENAME: PX100407.W85

WEATHER DATA FOR CO2=500, IRRIGATION=DRY, REP=#2

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC     ↓     CO2YR WINDYR

PX10 33.40 112.00 2.30 0 1 1 0 1 500 0.0

	IYR	SOLRAD	XTMIN	XPAR	DEWPT	STMIN	A00
<u>INSTW</u>	<u>JUL</u>	<u>XTMAX</u>	<u>XRAIN</u>	<u>WIND</u>	<u>STMAX</u>	<u>CO2</u>	
PX10	85	94	26.21	32.0	12.2	0.0	04-Apr
PX10	85	95	26.37	29.1	11.0	0.0	05-Apr
PX10	85	96	25.00	30.6	12.4	0.0	06-Apr
PX10	85	97	27.14	34.6	13.8	0.0	07-Apr
PX10	85	98	24.85	35.7	15.1	0.0	08-Apr
PX10	85	99	26.51	33.5	17.2	0.0	09-Apr
PX10	85	100	26.91	33.2	17.4	0.0	10-Apr
PX10	85	101	27.91	34.3	13.5	0.0	11-Apr
PX10	85	102	27.79	34.8	12.9	0.0	12-Apr
PX10	85	103	25.67	33.2	13.1	0.0	13-Apr
PX10	85	104	24.98	24.8	12.4	0.0	14-Apr
PX10	85	105	24.60	30.2	11.9	0.0	15-Apr
PX10	85	106	23.42	38.7	18.1	0.0	16-Apr
PX10	85	107	24.54	36.6	22.2	0.0	17-Apr
PX10	85	108	25.31	26.0	13.3	0.0	18-Apr
PX10	85	109	28.01	29.7	11.2	0.0	19-Apr
PX10	85	110	21.55	29.9	13.3	0.0	20-Apr
PX10	85	111	12.79	25.0	16.2	0.0	21-Apr
PX10	85	112	27.99	28.0	11.8	0.0	22-Apr
PX10	85	113	29.60	32.4	15.2	0.0	23-Apr
PX10	85	114	29.00	35.6	14.5	0.0	24-Apr
PX10	85	115	29.60	31.0	17.5	0.0	25-Apr
PX10	85	116	22.60	21.6	12.1	0.0	26-Apr
PX10	85	117	12.50	23.3	10.7	0.0	27-Apr
PX10	85	118	21.50	22.7	12.0	3.0	28-Apr
PX10	85	119	29.20	30.2	10.9	0.0	29-Apr
PX10	85	120	27.80	37.5	16.2	0.0	30-Apr
PX10	85	121	27.80	39.7	20.1	0.0	01-May
PX10	85	122	27.30	39.2	21.9	0.0	02-May
PX10	85	123	28.80	39.8	23.5	23.4	03-May
PX10	85	124	30.50	38.8	20.6	0.0	04-May
PX10	85	125	25.10	37.1	18.1	0.0	05-May
PX10	85	126	30.60	37.2	17.6	0.0	06-May
PX10	85	127	22.90	36.8	17.4	0.0	07-May
PX10	85	128	28.00	39.7	17.6	0.0	08-May
PX10	85	129	19.70	39.7	22.1	0.0	09-May
PX10	85	130	31.70	29.4	19.6	0.0	10-May
PX10	85	131	30.90	31.5	14.3	0.0	11-May
PX10	85	132	31.10	32.3	14.8	0.0	12-May
PX10	85	133	31.40	35.2	15.6	0.0	13-May
PX10	85	134	31.80	36.5	16.0	0.0	14-May
PX10	85	135	27.40	39.4	17.3	0.0	15-May
PX10	85	136	20.10	37.2	25.1	0.0	16-May
PX10	85	137	31.00	39.3	21.4	0.0	17-May
PX10	85	138	31.40	40.5	22.0	0.0	18-May
PX10	85	139	32.30	37.6	20.5	0.0	19-May

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX10	85	140	31.80	38.1	20.3	0.0	0.00	179.7	3.4	0.0	0.0	500	20-May
PX10	85	141	31.50	37.0	20.5	0.0	0.00	133.5	5.9	0.0	0.0	500	21-May
PX10	85	142	30.50	39.8	19.1	0.0	0.00	110.3	6.2	0.0	0.0	500	22-May
PX10	85	143	22.70	39.4	20.5	0.0	0.00	122.7	6.5	0.0	0.0	500	23-May
PX10	85	144	28.90	40.9	21.3	0.0	0.00	156.4	7.1	0.0	0.0	500	24-May
PX10	85	145	32.10	40.4	21.8	0.0	0.00	172.2	5.4	0.0	0.0	500	25-May
PX10	85	146	32.40	39.9	19.8	0.0	0.00	179.1	3.9	0.0	0.0	500	26-May
PX10	85	147	31.60	40.0	21.7	0.0	0.00	142.1	3.0	0.0	0.0	500	27-May
PX10	85	148	32.40	40.7	19.9	0.0	0.00	109.7	2.5	0.0	0.0	500	28-May
PX10	85	149	26.90	40.0	23.7	0.0	0.00	89.5	9.7	0.0	0.0	500	29-May
PX10	85	150	20.00	36.4	24.5	0.0	0.00	88.1	12.0	0.0	0.0	500	30-May
PX10	85	151	32.60	36.6	20.8	0.0	0.00	182.4	7.7	0.0	0.0	500	31-May
PX10	85	152	31.70	35.5	18.6	0.0	0.00	100.8	4.1	0.0	0.0	500	01-Jun
PX10	85	153	32.00	37.7	18.9	0.0	0.00	137.8	3.0	0.0	0.0	500	02-Jun
PX10	85	154	31.30	34.7	19.7	0.0	0.00	149.8	7.4	0.0	0.0	500	03-Jun
PX10	85	155	31.70	37.0	16.8	0.0	0.00	118.9	5.0	0.0	0.0	500	04-Jun
PX10	85	156	31.30	39.6	20.8	0.0	0.00	121.9	8.0	0.0	0.0	500	05-Jun
PX10	85	157	30.90	44.4	22.0	0.0	0.00	96.6	8.2	0.0	0.0	500	06-Jun
PX10	85	158	25.90	47.4	24.8	0.0	0.00	86.8	8.8	0.0	0.0	500	07-Jun
PX10	85	159	31.50	46.2	25.6	0.0	0.00	195.8	9.4	0.0	0.0	500	08-Jun
PX10	85	160	31.30	46.5	24.6	0.0	0.00	179.0	8.4	0.0	0.0	500	09-Jun
PX10	85	161	32.10	44.6	25.4	0.0	0.00	224.1	9.7	0.0	0.0	500	10-Jun
PX10	85	162	31.30	42.1	25.2	0.0	0.00	199.9	11.1	0.0	0.0	500	11-Jun
PX10	85	163	31.10	45.1	26.1	0.0	0.00	222.0	10.9	0.0	0.0	500	12-Jun
PX10	85	164	31.50	44.5	26.1	0.0	0.00	201.4	9.2	0.0	0.0	500	13-Jun
PX10	85	165	30.40	42.2	24.5	0.0	0.00	167.3	10.5	0.0	0.0	500	14-Jun
PX10	85	166	32.00	44.1	22.7	0.0	0.00	90.5	9.3	0.0	0.0	500	15-Jun
PX10	85	167	32.00	45.3	23.9	0.0	0.00	87.3	7.8	0.0	0.0	500	16-Jun
PX10	85	168	31.70	46.1	23.9	0.0	0.00	85.1	7.1	0.0	0.0	500	17-Jun
PX10	85	169	30.40	46.8	24.1	0.0	0.00	116.3	7.8	0.0	0.0	500	18-Jun
PX10	85	170	27.10	44.7	26.5	0.0	0.00	91.6	10.4	0.0	0.0	500	19-Jun
PX10	85	171	30.10	43.2	28.0	0.0	0.00	118.6	13.6	0.0	0.0	500	20-Jun
PX10	85	172	31.10	39.3	25.2	0.0	0.00	100.7	10.3	0.0	0.0	500	21-Jun
PX10	85	173	27.70	41.0	24.1	0.0	0.00	136.2	11.1	0.0	0.0	500	22-Jun
PX10	85	174	21.10	41.5	25.6	0.0	0.00	71.4	12.0	0.0	0.0	500	23-Jun
PX10	85	175	12.90	37.8	27.3	0.0	0.00	126.3	11.5	0.0	0.0	500	24-Jun
PX10	85	176	31.20	38.1	21.9	0.0	0.00	97.5	8.5	0.0	0.0	500	25-Jun
PX10	85	177	32.60	40.5	22.8	0.0	0.00	103.2	6.8	0.0	0.0	500	26-Jun
PX10	85	178	32.10	44.3	19.5	0.0	0.00	62.1	8.0	0.0	0.0	500	27-Jun
PX10	85	179	31.80	41.5	22.3	0.0	0.00	91.1	9.2	0.0	0.0	500	28-Jun
PX10	85	180	28.80	41.9	23.5	0.0	0.00	118.9	10.0	0.0	0.0	500	29-Jun
PX10	85	181	30.70	42.0	23.0	0.0	0.00	105.3	10.7	0.0	0.0	500	30-Jun
PX10	85	182	30.50	44.7	23.4	0.0	0.00	141.0	10.1	0.0	0.0	500	01-Jul
PX10	85	183	31.60	45.5	25.4	0.0	0.00	146.3	9.2	0.0	0.0	500	02-Jul
PX10	85	184	30.98	42.9	26.2	0.0	0.00	81.4	10.9	0.0	0.0	500	03-Jul
PX10	85	185	30.49	38.8	26.8	0.0	0.00	96.5	13.0	0.0	0.0	500	04-Jul
PX10	85	186	29.52	40.7	27.4	0.0	0.00	111.4	15.8	0.0	0.0	500	05-Jul
PX10	85	187	29.40	40.4	27.5	0.0	0.00	125.6	18.3	0.0	0.0	500	06-Jul
PX10	85	188	28.20	41.4	29.3	0.0	0.00	136.1	16.8	0.0	0.0	500	07-Jul
PX10	85	189	26.30	44.2	30.3	0.0	0.00	142.8	14.3	0.0	0.0	500	08-Jul
PX10	85	190	29.40	41.1	31.5	0.0	0.00	146.2	17.4	0.0	0.0	500	09-Jul
PX10	85	191	29.70	42.1	28.8	0.0	0.00	133.1	17.3	0.0	0.0	500	10-Jul

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX10	85	192	29.30	44.5	28.5	0.0	0.00	107.4	17.4	0.0	0.0	500	11-Jul
PX10	85	193	28.40	42.3	29.9	0.0	0.00	110.2	17.2	0.0	0.0	500	12-Jul
PX10	85	194	22.80	40.8	27.8	0.0	0.00	123.7	17.7	0.0	0.0	500	13-Jul
PX10	85	195	27.70	41.0	30.1	0.0	0.00	147.6	18.4	0.0	0.0	500	14-Jul
PX10	85	196	29.20	39.9	28.4	23.0	0.00	185.1	19.5	0.0	0.0	500	15-Jul
PX10	85	197	26.20	35.2	23.1	0.0	0.00	97.8	23.8	0.0	0.0	500	16-Jul
PX10	85	198	30.30	38.0	26.6	0.0	0.00	168.8	21.7	0.0	0.0	500	17-Jul
PX10	85	199	18.30	31.5	23.0	5.0	0.00	110.3	22.5	0.0	0.0	500	18-Jul
PX10	85	200	19.20	34.0	25.1	0.0	0.00	129.1	21.8	0.0	0.0	500	19-Jul
PX10	85	201	28.80	37.6	26.7	0.0	0.00	91.9	21.5	0.0	0.0	500	20-Jul
PX10	85	202	30.80	38.1	26.4	0.0	0.00	127.3	20.4	0.0	0.0	500	21-Jul
PX10	85	203	30.80	39.3	25.0	0.0	0.00	133.5	18.4	0.0	0.0	500	22-Jul
PX10	85	204	31.20	40.5	24.0	0.0	0.00	107.5	17.2	0.0	0.0	500	23-Jul
PX10	85	205	30.39	39.7	25.3	0.0	0.00	89.8	10.9	0.0	0.0	500	24-Jul
PX10	85	206	30.80	41.8	25.5	0.0	0.00	135.7	10.6	0.0	0.0	500	25-Jul
PX10	85	207	30.60	39.6	23.2	0.0	0.00	125.5	15.8	0.0	0.0	500	26-Jul
PX10	85	208	22.00	38.4	30.2	0.0	0.00	235.4	16.9	0.0	0.0	500	27-Jul
PX10	85	209	25.60	36.7	28.3	0.0	0.00	171.5	19.9	0.0	0.0	500	28-Jul
PX10	85	210	25.70	38.9	28.1	0.0	0.00	123.4	20.8	0.0	0.0	500	29-Jul
PX10	85	211	30.00	41.2	28.2	0.0	0.00	114.3	20.0	0.0	0.0	500	30-Jul
PX10	85	212	29.90	43.3	27.6	0.0	0.00	117.6	15.0	0.0	0.0	500	31-Jul
PX10	85	213	18.60	38.0	28.3	0.0	0.00	167.2	19.3	0.0	0.0	500	01-Aug
PX10	85	214	24.80	36.9	27.1	0.0	0.00	145.1	21.1	0.0	0.0	500	02-Aug
PX10	85	215	28.50	36.8	26.5	0.0	0.00	86.6	21.4	0.0	0.0	500	03-Aug
PX10	85	216	29.60	38.7	27.4	0.0	0.00	116.4	18.8	0.0	0.0	500	04-Aug
PX10	85	217	28.50	39.1	25.7	0.0	0.00	108.4	14.4	0.0	0.0	500	05-Aug
PX10	85	218	28.80	39.7	24.8	0.0	0.00	110.5	17.1	0.0	0.0	500	06-Aug
PX10	85	219	26.50	40.5	29.1	0.0	0.00	139.5	19.0	0.0	0.0	500	07-Aug
PX10	85	220	28.50	41.4	27.2	0.0	0.00	110.9	19.1	0.0	0.0	500	08-Aug
PX10	85	221	29.50	37.9	26.0	0.0	0.00	121.6	17.4	0.0	0.0	500	09-Aug
PX10	85	222	29.00	37.7	25.3	0.0	0.00	160.3	16.9	0.0	0.0	500	10-Aug
PX10	85	223	26.80	37.7	28.2	0.0	0.00	197.5	19.9	0.0	0.0	500	11-Aug
PX10	85	224	29.40	38.7	24.7	0.0	0.00	168.4	14.4	0.0	0.0	500	12-Aug
PX10	85	225	29.40	41.7	23.6	0.0	0.00	178.5	12.3	0.0	0.0	500	13-Aug
PX10	85	226	30.10	42.9	21.6	0.0	0.00	176.8	8.2	0.0	0.0	500	14-Aug
PX10	85	227	29.10	43.3	20.0	0.0	0.00	174.9	7.4	0.0	0.0	500	15-Aug
PX10	85	228	28.50	39.6	21.5	0.0	0.00	189.7	12.4	0.0	0.0	500	16-Aug
PX10	85	229	19.30	37.1	24.4	0.0	0.00	191.4	15.5	0.0	0.0	500	17-Aug
PX10	85	230	27.20	39.7	25.5	0.0	0.00	210.5	17.6	0.0	0.0	500	18-Aug
PX10	85	231	27.40	41.2	27.2	0.0	0.00	228.7	19.3	0.0	0.0	500	19-Aug
PX10	85	232	20.20	37.8	23.1	21.0	0.00	112.9	22.5	0.0	0.0	500	20-Aug
PX10	85	233	27.30	38.9	24.1	0.0	0.00	65.3	23.5	0.0	0.0	500	21-Aug
PX10	85	234	26.90	42.6	25.5	0.0	0.00	61.9	20.3	0.0	0.0	500	22-Aug
PX10	85	235	27.80	41.1	24.5	0.0	0.00	75.1	19.4	0.0	0.0	500	23-Aug
PX10	85	236	24.10	42.6	26.3	0.0	0.00	128.9	17.9	0.0	0.0	500	24-Aug
PX10	85	237	22.20	43.3	29.7	0.0	0.00	162.1	18.9	0.0	0.0	500	25-Aug
PX10	85	238	25.00	41.6	29.0	0.0	0.00	201.6	19.4	0.0	0.0	500	26-Aug
PX10	85	239	24.80	44.1	28.9	0.0	0.00	196.6	20.9	0.0	0.0	500	27-Aug
PX10	85	240	26.20	45.2	26.8	0.0	0.00	175.3	19.2	0.0	0.0	500	28-Aug
PX10	85	241	25.80	46.7	29.3	0.0	0.00	173.0	18.2	0.0	0.0	500	29-Aug
PX10	85	242	26.60	41.2	27.5	0.0	0.00	222.5	19.5	0.0	0.0	500	30-Aug
PX10	85	243	26.10	39.5	27.0	6.0	0.00	227.0	20.4	0.0	0.0	500	31-Aug

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL	XTMAX		XRAIN	WIND	STMAX	CO2						
PX10	85	244	23.40	36.2	24.5	0.0	0.00	96.8	21.4	0.0	0.0	500	01-Sep
PX10	85	245	25.20	39.4	25.8	0.0	0.00	114.9	19.5	0.0	0.0	500	02-Sep
PX10	85	246	23.60	39.6	25.8	0.0	0.00	160.4	15.8	0.0	0.0	500	03-Sep
PX10	85	247	21.60	36.6	22.4	0.0	0.00	176.5	12.6	0.0	0.0	500	04-Sep
PX10	85	248	23.40	35.0	19.2	0.0	0.00	98.3	11.6	0.0	0.0	500	05-Sep
PX10	85	249	19.40	32.9	19.8	0.0	0.00	132.7	14.4	0.0	0.0	500	06-Sep
PX10	85	250	26.10	33.7	19.6	0.0	0.00	101.3	14.1	0.0	0.0	500	07-Sep
PX10	85	251	24.90	35.7	19.4	0.0	0.00	115.3	12.4	0.0	0.0	500	08-Sep
PX10	85	252	16.00	32.7	20.9	0.0	0.00	78.9	11.8	0.0	0.0	500	09-Sep
PX10	85	253	13.80	34.4	22.1	0.0	0.00	83.2	11.8	0.0	0.0	500	10-Sep
PX10	85	254	24.10	32.9	17.1	0.0	0.00	189.4	13.4	0.0	0.0	500	11-Sep
PX10	85	255	25.10	35.0	12.8	0.0	0.00	54.0	7.0	0.0	0.0	500	12-Sep
PX10	85	256	24.80	37.6	14.6	0.0	0.00	77.7	9.8	0.0	0.0	500	13-Sep
PX10	85	257	22.40	47.1	20.3	0.0	0.00	73.5	13.0	0.0	0.0	500	14-Sep
PX10	85	258	17.00	39.8	24.7	0.0	0.00	107.0	16.7	0.0	0.0	500	15-Sep
PX10	85	259	16.50	40.5	23.1	0.0	0.00	91.6	13.1	0.0	0.0	500	16-Sep
PX10	85	260	24.10	40.0	22.0	0.0	0.00	150.9	12.9	0.0	0.0	500	17-Sep
PX10	85	261	11.90	27.5	16.4	17.0	0.00	145.6	18.5	0.0	0.0	500	18-Sep
PX10	85	262	23.60	31.1	15.6	1.0	0.00	99.1	14.3	0.0	0.0	500	19-Sep
PX10	85	263	23.30	30.1	15.5	0.0	0.00	57.6	12.4	0.0	0.0	500	20-Sep
PX10	85	264	23.60	33.4	15.7	0.0	0.00	48.5	12.8	0.0	0.0	500	21-Sep
PX10	85	265	23.50	34.7	17.4	0.0	0.00	101.0	12.9	0.0	0.0	500	22-Sep
PX10	85	266	19.50	35.8	18.7	0.0	0.00	75.0	12.5	0.0	0.0	500	23-Sep
PX10	85	267	22.90	37.9	17.8	0.0	0.00	72.3	11.3	0.0	0.0	500	24-Sep
PX10	85	268	21.20	37.5	18.5	0.0	0.00	89.7	11.9	0.0	0.0	500	25-Sep
PX10	85	269	21.80	38.8	19.4	5.0	0.00	108.8	12.7	0.0	0.0	500	26-Sep
PX10	85	270	18.50	34.1	20.3	1.0	0.00	169.8	15.7	0.0	0.0	500	27-Sep
PX10	85	271	15.00	29.7	20.4	0.0	0.00	170.0	16.0	0.0	0.0	500	28-Sep
PX10	85	272	21.90	33.1	17.0	0.0	0.00	73.8	14.8	0.0	0.0	500	29-Sep
PX10	85	273	16.90	33.4	18.9	0.0	0.00	60.2	13.1	0.0	0.0	500	30-Sep
PX10	85	274	20.90	35.1	16.1	0.0	0.00	60.5	11.2	0.0	0.0	500	01-Oct
PX10	85	275	20.80	34.5	19.4	0.0	0.00	76.1	12.8	0.0	0.0	500	02-Oct

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC      ↓      CO2YR WINDYR  
 PX02 33.40 112.00 2.30 0 1 1 0 1 500 0.0

	IYR	SOLRAD		XEMIN	XPAR	DEWPT	STMIN	A00					
<u>INSTW</u>	<u>JUL</u>	<u>XTMAX</u>		<u>XRAIN</u>	<u>WIND</u>	<u>STMAX</u>	<u>CO2</u>						
PX02	85	94	26.21	32.0	12.2	0.0	0.00	164.2	2.1	0.0	0.0	350	04-Apr
PX02	85	95	26.37	29.1	11.0	0.0	0.00	276.5	1.3	0.0	0.0	350	05-Apr
PX02	85	96	25.00	30.6	12.4	0.0	0.00	164.2	-3.3	0.0	0.0	350	06-Apr
PX02	85	97	27.14	34.6	13.8	0.0	0.00	276.5	-5.0	0.0	0.0	350	07-Apr
PX02	85	98	24.85	35.7	15.1	0.0	0.00	164.2	-6.0	0.0	0.0	350	08-Apr
PX02	85	99	26.51	33.5	17.2	0.0	0.00	236.5	-1.2	0.0	0.0	350	09-Apr
PX02	85	100	26.91	33.2	17.4	0.0	0.00	150.6	3.2	0.0	0.0	350	10-Apr
PX02	85	101	27.91	34.3	13.5	0.0	0.00	152.3	6.1	0.0	0.0	500	11-Apr
PX02	85	102	27.79	34.8	12.9	0.0	0.00	141.9	6.4	0.0	0.0	500	12-Apr
PX02	85	103	25.67	33.2	13.1	0.0	0.00	131.4	5.9	0.0	0.0	500	13-Apr
PX02	85	104	24.98	24.8	12.4	0.0	0.00	160.9	2.5	0.0	0.0	500	14-Apr
PX02	85	105	24.60	30.2	11.9	0.0	0.00	178.8	0.2	0.0	0.0	500	15-Apr
PX02	85	106	23.42	39.2	17.7	0.0	0.00	164.2	-0.0	0.0	0.0	500	16-Apr
PX02	85	107	24.54	36.5	21.8	0.0	0.00	276.5	1.1	0.0	0.0	500	17-Apr
PX02	85	108	25.31	25.9	12.9	0.0	0.00	250.6	1.7	0.0	0.0	500	18-Apr
PX02	85	109	28.01	29.8	10.8	0.0	0.00	112.3	4.5	0.0	0.0	500	19-Apr
PX02	85	110	21.55	30.0	12.9	0.0	0.00	241.9	3.0	0.0	0.0	500	20-Apr
PX02	85	111	12.79	24.9	15.7	0.0	0.00	181.4	2.1	0.0	0.0	500	21-Apr
PX02	85	112	27.99	28.0	11.4	0.0	0.00	120.9	2.9	0.0	0.0	500	22-Apr
PX02	85	113	29.60	32.0	14.5	0.0	0.00	78.8	1.5	0.0	0.0	500	23-Apr
PX02	85	114	29.00	35.4	13.5	0.0	0.00	105.4	2.5	0.0	0.0	500	24-Apr
PX02	85	115	29.60	31.6	16.8	0.0	0.00	228.7	1.1	0.0	0.0	500	25-Apr
PX02	85	116	22.60	21.0	11.5	0.0	0.00	204.4	2.5	0.0	0.0	500	26-Apr
PX02	85	117	12.50	23.8	10.8	0.0	0.00	128.8	0.4	0.0	0.0	500	27-Apr
PX02	85	118	21.50	22.3	11.9	3.0	0.00	86.8	7.4	0.0	0.0	500	28-Apr
PX02	85	119	29.20	29.9	10.3	0.0	0.00	87.8	9.3	0.0	0.0	500	29-Apr
PX02	85	120	27.80	37.4	15.4	0.0	0.00	88.5	8.8	0.0	0.0	500	30-Apr
PX02	85	121	27.80	39.9	19.8	0.0	0.00	141.0	9.5	0.0	0.0	500	01-May
PX02	85	122	27.30	39.6	21.2	0.0	0.00	115.7	8.2	0.0	0.0	500	02-May
PX02	85	123	28.80	40.7	23.1	23.4	0.00	123.3	9.7	0.0	0.0	500	03-May
PX02	85	124	30.50	39.4	20.3	0.0	0.00	148.3	8.1	0.0	0.0	500	04-May
PX02	85	125	25.10	37.7	17.7	0.0	0.00	118.0	5.0	0.0	0.0	500	05-May
PX02	85	126	30.60	38.1	17.1	0.0	0.00	118.9	2.7	0.0	0.0	500	06-May
PX02	85	127	22.90	37.6	16.2	0.0	0.00	59.5	2.9	0.0	0.0	500	07-May
PX02	85	128	28.00	40.0	16.9	0.0	0.00	75.3	3.0	0.0	0.0	500	08-May
PX02	85	129	19.70	40.6	21.5	0.0	0.00	178.3	4.8	0.0	0.0	500	09-May
PX02	85	130	31.70	29.6	19.3	0.0	0.00	236.4	7.1	0.0	0.0	500	10-May
PX02	85	131	30.90	32.2	13.9	0.0	0.00	100.8	5.3	0.0	0.0	500	11-May
PX02	85	132	31.10	32.2	14.8	0.0	0.00	89.9	4.6	0.0	0.0	500	12-May
PX02	85	133	31.40	35.3	15.6	0.0	0.00	73.5	5.4	0.0	0.0	500	13-May
PX02	85	134	31.80	37.3	15.3	0.0	0.00	63.6	4.6	0.0	0.0	500	14-May
PX02	85	135	27.40	40.9	16.5	0.0	0.00	133.5	-0.2	0.0	0.0	500	15-May
PX02	85	136	20.10	38.3	24.7	0.0	0.00	145.7	7.1	0.0	0.0	500	16-May
PX02	85	137	31.00	39.9	21.3	0.0	0.00	96.6	10.4	0.0	0.0	500	17-May
PX02	85	138	31.40	40.7	21.8	0.0	0.00	147.2	9.3	0.0	0.0	500	18-May
PX02	85	139	32.30	38.7	20.0	0.0	0.00	179.5	5.1	0.0	0.0	500	19-May

INSTW	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
	JUL		XTMAX		XRAIN		WIND		STMAX	CO2			
PX02	85	140	31.80	38.9	19.9	0.0	0.00	179.7	7.0	0.0	0.0	500	20-May
PX02	85	141	31.50	37.1	20.1	0.0	0.00	133.5	8.4	0.0	0.0	500	21-May
PX02	85	142	30.50	40.3	18.4	0.0	0.00	110.3	8.9	0.0	0.0	500	22-May
PX02	85	143	22.70	39.6	20.2	0.0	0.00	122.7	9.4	0.0	0.0	500	23-May
PX02	85	144	28.90	42.4	20.6	0.0	0.00	156.4	10.1	0.0	0.0	500	24-May
PX02	85	145	32.10	40.7	20.9	0.0	0.00	172.2	9.2	0.0	0.0	500	25-May
PX02	85	146	32.40	40.5	19.2	0.0	0.00	179.1	8.6	0.0	0.0	500	26-May
PX02	85	147	31.60	40.2	21.1	0.0	0.00	142.1	8.0	0.0	0.0	500	27-May
PX02	85	148	32.40	41.4	19.3	0.0	0.00	109.7	10.0	0.0	0.0	500	28-May
PX02	85	149	26.90	40.0	23.7	0.0	0.00	89.5	10.3	0.0	0.0	500	29-May
PX02	85	150	20.00	36.4	24.5	0.0	0.00	88.1	12.8	0.0	0.0	500	30-May
PX02	85	151	32.60	37.1	20.6	0.0	0.00	182.4	10.7	0.0	0.0	500	31-May
PX02	85	152	31.70	35.1	18.1	0.0	0.00	100.8	8.2	0.0	0.0	500	01-Jun
PX02	85	153	32.00	38.3	18.3	0.0	0.00	137.8	7.8	0.0	0.0	500	02-Jun
PX02	85	154	31.30	34.8	19.6	0.0	0.00	149.8	8.8	0.0	0.0	500	03-Jun
PX02	85	155	31.70	36.7	16.5	0.0	0.00	118.9	9.5	0.0	0.0	500	04-Jun
PX02	85	156	31.30	39.3	20.4	0.0	0.00	121.9	12.3	0.0	0.0	500	05-Jun
PX02	85	157	30.90	44.2	21.8	0.0	0.00	96.6	12.8	0.0	0.0	500	06-Jun
PX02	85	158	25.90	47.4	24.1	0.0	0.00	86.8	11.3	0.0	0.0	500	07-Jun
PX02	85	159	31.50	45.4	25.1	0.0	0.00	195.8	10.3	0.0	0.0	500	08-Jun
PX02	85	160	31.30	45.8	24.2	0.0	0.00	179.0	15.7	0.0	0.0	500	09-Jun
PX02	85	161	32.10	43.8	24.5	0.0	0.00	224.1	12.9	0.0	0.0	500	10-Jun
PX02	85	162	31.30	42.0	24.5	0.0	0.00	199.9	12.0	0.0	0.0	500	11-Jun
PX02	85	163	31.10	44.3	25.4	0.0	0.00	222.0	12.5	0.0	0.0	500	12-Jun
PX02	85	164	31.50	44.5	25.6	0.0	0.00	201.4	8.4	0.0	0.0	500	13-Jun
PX02	85	165	30.40	42.6	24.2	0.0	0.00	167.3	11.8	0.0	0.0	500	14-Jun
PX02	85	166	32.00	42.9	21.5	0.0	0.00	90.5	9.4	0.0	0.0	500	15-Jun
PX02	85	167	32.00	43.6	23.0	0.0	0.00	87.3	9.3	0.0	0.0	500	16-Jun
PX02	85	168	31.70	44.9	23.0	0.0	0.00	85.1	11.0	0.0	0.0	500	17-Jun
PX02	85	169	30.40	45.4	23.5	0.0	0.00	116.3	8.4	0.0	0.0	500	18-Jun
PX02	85	170	27.10	44.4	26.0	0.0	0.00	91.6	11.0	0.0	0.0	500	19-Jun
PX02	85	171	30.10	43.0	28.0	0.0	0.00	118.6	13.7	0.0	0.0	500	20-Jun
PX02	85	172	31.10	38.8	24.9	0.0	0.00	100.7	10.7	0.0	0.0	500	21-Jun
PX02	85	173	27.70	38.5	22.4	0.0	0.00	136.2	12.5	0.0	0.0	500	22-Jun
PX02	85	174	21.10	38.7	24.9	0.0	0.00	71.4	13.0	0.0	0.0	500	23-Jun
PX02	85	175	12.90	35.7	27.2	0.0	0.00	126.3	13.0	0.0	0.0	500	24-Jun
PX02	85	176	31.20	36.7	21.9	0.0	0.00	97.5	11.0	0.0	0.0	500	25-Jun
PX02	85	177	32.60	39.7	20.4	0.0	0.00	103.2	7.0	0.0	0.0	500	26-Jun
PX02	85	178	32.10	43.0	19.2	0.0	0.00	62.1	5.4	0.0	0.0	500	27-Jun
PX02	85	179	31.80	39.4	20.9	0.0	0.00	91.1	10.6	0.0	0.0	500	28-Jun
PX02	85	180	28.80	39.9	22.3	0.0	0.00	118.9	10.0	0.0	0.0	500	29-Jun
PX02	85	181	30.70	40.8	22.4	0.0	0.00	105.3	11.0	0.0	0.0	500	30-Jun
PX02	85	182	30.50	42.9	23.2	0.0	0.00	141.0	10.3	0.0	0.0	500	01-Jul
PX02	85	183	31.60	43.6	25.3	0.0	0.00	146.3	9.7	0.0	0.0	500	02-Jul
PX02	85	184	30.98	42.9	26.2	0.0	0.00	81.4	10.9	0.0	0.0	500	03-Jul
PX02	85	185	30.49	38.8	26.8	0.0	0.00	96.5	13.0	0.0	0.0	500	04-Jul
PX02	85	186	29.52	39.1	26.9	0.0	0.00	111.4	15.8	0.0	0.0	500	05-Jul
PX02	85	187	29.40	38.4	26.7	0.0	0.00	125.6	19.7	0.0	0.0	500	06-Jul
PX02	85	188	28.20	39.7	28.7	0.0	0.00	136.1	18.1	0.0	0.0	500	07-Jul
PX02	85	189	26.30	42.1	29.6	0.0	0.00	142.8	16.6	0.0	0.0	500	08-Jul
PX02	85	190	29.40	39.1	30.8	0.0	0.00	146.2	18.9	0.0	0.0	500	09-Jul
PX02	85	191	29.70	40.4	28.3	0.0	0.00	133.1	20.7	0.0	0.0	500	10-Jul

	IYR	SOLRAD		XMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX02	85	192	29.30	41.2	28.1	0.0	0.00	107.4	20.1	0.0	0.0	500	11-Jul
PX02	85	193	28.40	39.1	28.4	0.0	0.00	110.2	18.5	0.0	0.0	500	12-Jul
PX02	85	194	22.80	38.5	26.5	0.0	0.00	123.7	17.8	0.0	0.0	500	13-Jul
PX02	85	195	27.70	38.9	29.5	0.0	0.00	147.6	16.3	0.0	0.0	500	14-Jul
PX02	85	196	29.20	37.5	28.2	23.0	0.00	185.1	19.1	0.0	0.0	500	15-Jul
PX02	85	197	26.20	34.1	23.2	0.0	0.00	97.8	23.9	0.0	0.0	500	16-Jul
PX02	85	198	30.30	36.1	26.0	0.0	0.00	168.8	22.6	0.0	0.0	500	17-Jul
PX02	85	199	18.30	30.4	23.0	5.0	0.00	110.3	22.9	0.0	0.0	500	18-Jul
PX02	85	200	19.20	32.8	25.1	0.0	0.00	129.1	22.5	0.0	0.0	500	19-Jul
PX02	85	201	28.80	35.8	26.0	0.0	0.00	91.9	22.4	0.0	0.0	500	20-Jul
PX02	85	202	30.80	36.1	26.1	0.0	0.00	127.3	21.1	0.0	0.0	500	21-Jul
PX02	85	203	30.80	36.9	27.3	0.0	0.00	133.5	19.2	0.0	0.0	500	22-Jul
PX02	85	204	31.20	37.6	25.5	0.0	0.00	107.5	18.0	0.0	0.0	500	23-Jul
PX02	85	205	30.39	39.7	25.3	0.0	0.00	89.8	10.9	0.0	0.0	500	24-Jul
PX02	85	206	30.80	39.5	25.0	0.0	0.00	135.7	12.5	0.0	0.0	500	25-Jul
PX02	85	207	30.60	36.7	22.7	0.0	0.00	125.5	17.0	0.0	0.0	500	26-Jul
PX02	85	208	22.00	36.3	29.4	0.0	0.00	235.4	18.3	0.0	0.0	500	27-Jul
PX02	85	209	25.60	35.0	27.5	0.0	0.00	171.5	20.9	0.0	0.0	500	28-Jul
PX02	85	210	25.70	36.5	27.8	0.0	0.00	123.4	21.3	0.0	0.0	500	29-Jul
PX02	85	211	30.00	38.8	27.7	0.0	0.00	114.3	21.0	0.0	0.0	500	30-Jul
PX02	85	212	29.90	42.1	27.1	0.0	0.00	117.6	16.9	0.0	0.0	500	31-Jul
PX02	85	213	18.60	37.6	27.7	0.0	0.00	167.2	20.2	0.0	0.0	500	01-Aug
PX02	85	214	24.80	35.7	26.6	0.0	0.00	145.1	22.2	0.0	0.0	500	02-Aug
PX02	85	215	28.50	35.6	25.7	0.0	0.00	86.6	22.3	0.0	0.0	500	03-Aug
PX02	85	216	29.60	36.6	26.9	0.0	0.00	116.4	19.8	0.0	0.0	500	04-Aug
PX02	85	217	28.50	37.0	25.3	0.0	0.00	108.4	15.8	0.0	0.0	500	05-Aug
PX02	85	218	28.80	37.3	24.2	0.0	0.00	110.5	18.4	0.0	0.0	500	06-Aug
PX02	85	219	26.50	38.6	28.4	0.0	0.00	139.5	19.9	0.0	0.0	500	07-Aug
PX02	85	220	28.50	40.1	26.7	0.0	0.00	110.9	20.2	0.0	0.0	500	08-Aug
PX02	85	221	29.50	36.1	25.5	0.0	0.00	121.6	18.4	0.0	0.0	500	09-Aug
PX02	85	222	29.00	36.1	24.1	0.0	0.00	160.3	17.9	0.0	0.0	500	10-Aug
PX02	85	223	26.80	36.1	27.6	0.0	0.00	197.5	20.8	0.0	0.0	500	11-Aug
PX02	85	224	29.40	36.1	24.4	0.0	0.00	168.4	15.6	0.0	0.0	500	12-Aug
PX02	85	225	29.40	38.8	22.6	0.0	0.00	178.5	15.2	0.0	0.0	500	13-Aug
PX02	85	226	30.10	40.4	20.6	0.0	0.00	176.8	12.8	0.0	0.0	500	14-Aug
PX02	85	227	29.10	41.0	19.1	0.0	0.00	174.9	10.5	0.0	0.0	500	15-Aug
PX02	85	228	28.50	37.7	20.4	0.0	0.00	189.7	13.5	0.0	0.0	500	16-Aug
PX02	85	229	19.30	36.3	24.1	0.0	0.00	191.4	15.9	0.0	0.0	500	17-Aug
PX02	85	230	27.20	38.2	25.2	0.0	0.00	210.5	18.0	0.0	0.0	500	18-Aug
PX02	85	231	27.40	39.0	28.0	0.0	0.00	228.7	19.0	0.0	0.0	500	19-Aug
PX02	85	232	20.20	32.8	23.1	21.0	0.00	112.9	23.0	0.0	0.0	500	20-Aug
PX02	85	233	27.30	36.2	24.7	0.0	0.00	65.3	23.1	0.0	0.0	500	21-Aug
PX02	85	234	26.90	38.9	24.3	0.0	0.00	61.9	21.9	0.0	0.0	500	22-Aug
PX02	85	235	27.80	38.4	24.0	0.0	0.00	75.1	20.6	0.0	0.0	500	23-Aug
PX02	85	236	24.10	40.2	24.9	0.0	0.00	128.9	19.1	0.0	0.0	500	24-Aug
PX02	85	237	22.20	39.4	28.5	0.0	0.00	162.1	20.2	0.0	0.0	500	25-Aug
PX02	85	238	25.00	38.1	27.8	0.0	0.00	201.6	20.2	0.0	0.0	500	26-Aug
PX02	85	239	24.80	40.5	27.9	0.0	0.00	196.6	21.4	0.0	0.0	500	27-Aug
PX02	85	240	26.20	42.0	25.0	0.0	0.00	175.3	20.2	0.0	0.0	500	28-Aug
PX02	85	241	25.80	43.6	28.1	0.0	0.00	173.0	19.5	0.0	0.0	500	29-Aug
PX02	85	242	26.60	40.6	27.3	0.0	0.00	222.5	20.2	0.0	0.0	500	30-Aug
PX02	85	243	26.10	37.9	26.3	6.0	0.00	227.0	19.7	0.0	0.0	500	31-Aug

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL	XTMAX		XRAIN	WIND	STMAX	CO2						
PX02	85	244	23.40	34.9	24.6	0.0	0.00	96.8	22.2	0.0	0.0	500	01-Sep
PX02	85	245	25.20	37.7	24.5	0.0	0.00	114.9	20.7	0.0	0.0	500	02-Sep
PX02	85	246	23.60	38.1	25.2	0.0	0.00	160.4	16.7	0.0	0.0	500	03-Sep
PX02	85	247	21.60	35.2	21.3	0.0	0.00	176.5	13.0	0.0	0.0	500	04-Sep
PX02	85	248	23.40	33.3	18.5	0.0	0.00	98.3	11.6	0.0	0.0	500	05-Sep
PX02	85	249	19.40	31.7	19.0	0.0	0.00	132.7	14.6	0.0	0.0	500	06-Sep
PX02	85	250	26.10	32.4	19.2	0.0	0.00	101.3	15.2	0.0	0.0	500	07-Sep
PX02	85	251	24.90	34.0	18.4	0.0	0.00	115.3	15.0	0.0	0.0	500	08-Sep
PX02	85	252	16.00	31.6	19.9	0.0	0.00	78.9	13.4	0.0	0.0	500	09-Sep
PX02	85	253	13.80	33.2	21.4	0.0	0.00	83.2	13.9	0.0	0.0	500	10-Sep
PX02	85	254	24.10	31.6	16.9	0.0	0.00	189.4	13.8	0.0	0.0	500	11-Sep
PX02	85	255	25.10	35.0	12.9	0.0	0.00	54.0	10.3	0.0	0.0	500	12-Sep
PX02	85	256	24.80	35.5	11.6	0.0	0.00	77.7	12.3	0.0	0.0	500	13-Sep
PX02	85	257	22.40	46.0	18.5	0.0	0.00	73.5	13.7	0.0	0.0	500	14-Sep
PX02	85	258	17.00	38.0	24.0	0.0	0.00	107.0	16.3	0.0	0.0	500	15-Sep
PX02	85	259	16.50	38.6	21.8	0.0	0.00	91.6	12.3	0.0	0.0	500	16-Sep
PX02	85	260	24.10	38.5	21.4	0.0	0.00	150.9	12.1	0.0	0.0	500	17-Sep
PX02	85	261	11.90	29.1	19.1	17.0	0.00	145.6	15.8	0.0	0.0	500	18-Sep
PX02	85	262	23.60	32.0	14.3	1.0	0.00	99.1	14.8	0.0	0.0	500	19-Sep
PX02	85	263	23.30	28.7	15.1	0.0	0.00	57.6	13.3	0.0	0.0	500	20-Sep
PX02	85	264	23.60	31.8	15.7	0.0	0.00	48.5	13.2	0.0	0.0	500	21-Sep
PX02	85	265	23.50	33.2	17.0	0.0	0.00	101.0	13.1	0.0	0.0	500	22-Sep
PX02	85	266	19.50	34.3	17.8	0.0	0.00	75.0	13.1	0.0	0.0	500	23-Sep
PX02	85	267	22.90	35.9	16.8	0.0	0.00	72.3	11.6	0.0	0.0	500	24-Sep
PX02	85	268	21.20	35.7	17.8	0.0	0.00	89.7	12.6	0.0	0.0	500	25-Sep
PX02	85	269	21.80	36.7	18.6	5.0	0.00	108.8	13.2	0.0	0.0	500	26-Sep
PX02	85	270	18.50	32.8	20.2	1.0	0.00	169.8	15.7	0.0	0.0	500	27-Sep
PX02	85	271	15.00	29.4	20.2	0.0	0.00	170.0	15.8	0.0	0.0	500	28-Sep
PX02	85	272	21.90	31.3	16.7	0.0	0.00	73.8	14.8	0.0	0.0	500	29-Sep
PX02	85	273	16.90	32.3	18.7	0.0	0.00	60.2	13.7	0.0	0.0	500	30-Sep
PX02	85	274	20.90	33.7	15.9	0.0	0.00	60.5	11.6	0.0	0.0	500	01-Oct
PX02	85	275	20.80	33.3	18.6	0.0	0.00	76.1	13.0	0.0	0.0	500	02-Oct



FILENAME: PX160407.W85

WEATHER DATA FOR CO2=500, IRRIGATION=WET, REP=#2

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC     ↓     CO2YR WINDYR  
 PX16 33.40 112.00 2.30 0 1 1 0 1 500 0.0

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
<u>INSTW</u>	<u>JUL</u>		<u>XTMAX</u>		<u>XRAIN</u>		<u>WIND</u>		<u>STMAX</u>		<u>CO2</u>		
PX16	85	94	26.21	32.0	12.2	0.0	0.00	164.2	2.1	0.0	0.0	350	04-Apr
PX16	85	95	26.37	29.1	11.0	0.0	0.00	276.5	1.3	0.0	0.0	350	05-Apr
PX16	85	96	25.00	30.6	12.4	0.0	0.00	164.2	-3.3	0.0	0.0	350	06-Apr
PX16	85	97	27.14	34.6	13.8	0.0	0.00	276.5	-5.0	0.0	0.0	350	07-Apr
PX16	85	98	24.85	35.7	15.1	0.0	0.00	164.2	-6.0	0.0	0.0	350	08-Apr
PX16	85	99	26.51	33.5	17.2	0.0	0.00	236.5	-1.2	0.0	0.0	350	09-Apr
PX16	85	100	26.91	33.2	17.4	0.0	0.00	150.6	3.2	0.0	0.0	350	10-Apr
PX16	85	101	27.91	34.3	13.5	0.0	0.00	152.3	6.1	0.0	0.0	500	11-Apr
PX16	85	102	27.79	34.8	12.9	0.0	0.00	141.9	6.4	0.0	0.0	500	12-Apr
PX16	85	103	25.67	33.2	13.1	0.0	0.00	131.4	5.9	0.0	0.0	500	13-Apr
PX16	85	104	24.98	24.8	12.4	0.0	0.00	160.9	2.5	0.0	0.0	500	14-Apr
PX16	85	105	24.60	30.2	11.9	0.0	0.00	178.8	0.2	0.0	0.0	500	15-Apr
PX16	85	106	23.42	39.2	17.7	0.0	0.00	164.2	-0.0	0.0	0.0	500	16-Apr
PX16	85	107	24.54	36.5	21.8	0.0	0.00	276.5	1.1	0.0	0.0	500	17-Apr
PX16	85	108	25.31	25.9	12.9	0.0	0.00	250.6	1.7	0.0	0.0	500	18-Apr
PX16	85	109	28.01	29.8	10.8	0.0	0.00	112.3	4.5	0.0	0.0	500	19-Apr
PX16	85	110	21.55	30.0	12.9	0.0	0.00	241.9	3.0	0.0	0.0	500	20-Apr
PX16	85	111	12.79	24.9	15.7	0.0	0.00	181.4	2.1	0.0	0.0	500	21-Apr
PX16	85	112	27.99	28.0	11.4	0.0	0.00	120.9	2.9	0.0	0.0	500	22-Apr
PX16	85	113	29.60	33.0	15.5	0.0	0.00	78.8	3.8	0.0	0.0	500	23-Apr
PX16	85	114	29.00	35.8	14.9	0.0	0.00	105.4	2.3	0.0	0.0	500	24-Apr
PX16	85	115	29.60	31.3	17.8	0.0	0.00	228.7	0.6	0.0	0.0	500	25-Apr
PX16	85	116	22.60	21.8	12.6	0.0	0.00	204.4	0.4	0.0	0.0	500	26-Apr
PX16	85	117	12.50	22.5	11.1	0.0	0.00	128.8	7.8	0.0	0.0	500	27-Apr
PX16	85	118	21.50	23.0	12.2	3.0	0.00	86.8	9.2	0.0	0.0	500	28-Apr
PX16	85	119	29.20	30.6	11.3	0.0	0.00	87.8	8.6	0.0	0.0	500	29-Apr
PX16	85	120	27.80	37.9	16.7	0.0	0.00	88.5	9.4	0.0	0.0	500	30-Apr
PX16	85	121	27.80	39.5	20.4	0.0	0.00	141.0	8.1	0.0	0.0	500	01-May
PX16	85	122	27.30	39.4	22.3	0.0	0.00	115.7	9.2	0.0	0.0	500	02-May
PX16	85	123	28.80	40.2	23.7	23.4	0.00	123.3	7.3	0.0	0.0	500	03-May
PX16	85	124	30.50	39.0	20.7	0.0	0.00	148.3	3.9	0.0	0.0	500	04-May
PX16	85	125	25.10	37.0	18.3	0.0	0.00	118.0	1.7	0.0	0.0	500	05-May
PX16	85	126	30.60	37.5	18.0	0.0	0.00	118.9	1.5	0.0	0.0	500	06-May
PX16	85	127	22.90	37.1	17.9	0.0	0.00	59.5	0.9	0.0	0.0	500	07-May
PX16	85	128	28.00	40.6	18.1	0.0	0.00	75.3	2.7	0.0	0.0	500	08-May
PX16	85	129	19.70	39.8	22.3	0.0	0.00	178.3	5.1	0.0	0.0	500	09-May
PX16	85	130	31.70	29.8	19.6	0.0	0.00	236.4	3.6	0.0	0.0	500	10-May
PX16	85	131	30.90	31.8	14.6	0.0	0.00	100.8	2.9	0.0	0.0	500	11-May
PX16	85	132	31.10	32.9	15.1	0.0	0.00	89.9	3.4	0.0	0.0	500	12-May
PX16	85	133	31.40	36.1	15.9	0.0	0.00	73.5	2.1	0.0	0.0	500	13-May
PX16	85	134	31.80	36.7	16.7	0.0	0.00	63.6	-4.4	0.0	0.0	500	14-May
PX16	85	135	27.40	39.8	17.7	0.0	0.00	133.5	-0.7	0.0	0.0	500	15-May
PX16	85	136	20.10	37.6	25.3	0.0	0.00	145.7	4.3	0.0	0.0	500	16-May
PX16	85	137	31.00	40.2	21.8	0.0	0.00	96.6	7.7	0.0	0.0	500	17-May
PX16	85	138	31.40	41.1	22.4	0.0	0.00	147.2	6.4	0.0	0.0	500	18-May
PX16	85	139	32.30	38.3	20.8	0.0	0.00	179.5	1.5	0.0	0.0	500	19-May

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX16	85	140	31.80	38.7	20.6	0.0	0.00	179.7	3.6	0.0	0.0	500	20-May
PX16	85	141	31.50	37.7	20.7	0.0	0.00	133.5	6.2	0.0	0.0	500	21-May
PX16	85	142	30.50	40.4	19.6	0.0	0.00	110.3	6.5	0.0	0.0	500	22-May
PX16	85	143	22.70	39.7	20.7	0.0	0.00	122.7	7.1	0.0	0.0	500	23-May
PX16	85	144	28.90	41.7	21.7	0.0	0.00	156.4	7.7	0.0	0.0	500	24-May
PX16	85	145	32.10	40.5	22.1	0.0	0.00	172.2	6.4	0.0	0.0	500	25-May
PX16	85	146	32.40	40.4	20.2	0.0	0.00	179.1	4.3	0.0	0.0	500	26-May
PX16	85	147	31.60	40.1	21.9	0.0	0.00	142.1	2.9	0.0	0.0	500	27-May
PX16	85	148	32.40	40.9	20.4	0.0	0.00	109.7	2.3	0.0	0.0	500	28-May
PX16	85	149	26.90	40.0	23.7	0.0	0.00	89.5	9.7	0.0	0.0	500	29-May
PX16	85	150	20.00	36.4	24.5	0.0	0.00	88.1	12.0	0.0	0.0	500	30-May
PX16	85	151	32.60	36.7	21.0	0.0	0.00	182.4	8.6	0.0	0.0	500	31-May
PX16	85	152	31.70	35.2	18.6	0.0	0.00	100.8	5.8	0.0	0.0	500	01-Jun
PX16	85	153	32.00	37.4	19.1	0.0	0.00	137.8	4.6	0.0	0.0	500	02-Jun
PX16	85	154	31.30	34.2	19.9	0.0	0.00	149.8	5.9	0.0	0.0	500	03-Jun
PX16	85	155	31.70	36.7	17.1	0.0	0.00	118.9	6.2	0.0	0.0	500	04-Jun
PX16	85	156	31.30	39.6	20.9	0.0	0.00	121.9	9.0	0.0	0.0	500	05-Jun
PX16	85	157	30.90	44.2	22.3	0.0	0.00	96.6	9.5	0.0	0.0	500	06-Jun
PX16	85	158	25.90	47.3	25.0	0.0	0.00	86.8	10.3	0.0	0.0	500	07-Jun
PX16	85	159	31.50	44.9	25.6	0.0	0.00	195.8	11.2	0.0	0.0	500	08-Jun
PX16	85	160	31.30	45.4	24.9	0.0	0.00	179.0	11.1	0.0	0.0	500	09-Jun
PX16	85	161	32.10	43.6	25.2	0.0	0.00	224.1	11.3	0.0	0.0	500	10-Jun
PX16	85	162	31.30	41.3	25.2	0.0	0.00	199.9	11.4	0.0	0.0	500	11-Jun
PX16	85	163	31.10	43.9	26.1	0.0	0.00	222.0	11.8	0.0	0.0	500	12-Jun
PX16	85	164	31.50	43.6	26.1	0.0	0.00	201.4	8.1	0.0	0.0	500	13-Jun
PX16	85	165	30.40	42.0	24.5	0.0	0.00	167.3	9.2	0.0	0.0	500	14-Jun
PX16	85	166	32.00	43.0	22.8	0.0	0.00	90.5	8.8	0.0	0.0	500	15-Jun
PX16	85	167	32.00	44.1	23.9	0.0	0.00	87.3	8.8	0.0	0.0	500	16-Jun
PX16	85	168	31.70	45.1	23.9	0.0	0.00	85.1	7.5	0.0	0.0	500	17-Jun
PX16	85	169	30.40	45.7	24.4	0.0	0.00	116.3	8.1	0.0	0.0	500	18-Jun
PX16	85	170	27.10	43.9	26.4	0.0	0.00	91.6	10.9	0.0	0.0	500	19-Jun
PX16	85	171	30.10	42.3	28.4	0.0	0.00	118.6	13.8	0.0	0.0	500	20-Jun
PX16	85	172	31.10	38.5	25.3	0.0	0.00	100.7	10.9	0.0	0.0	500	21-Jun
PX16	85	173	27.70	38.7	23.8	0.0	0.00	136.2	12.2	0.0	0.0	500	22-Jun
PX16	85	174	21.10	38.8	25.5	0.0	0.00	71.4	12.8	0.0	0.0	500	23-Jun
PX16	85	175	12.90	36.3	27.5	0.0	0.00	126.3	12.1	0.0	0.0	500	24-Jun
PX16	85	176	31.20	36.5	21.8	0.0	0.00	97.5	9.5	0.0	0.0	500	25-Jun
PX16	85	177	32.60	39.3	23.1	0.0	0.00	103.2	5.9	0.0	0.0	500	26-Jun
PX16	85	178	32.10	42.9	19.5	0.0	0.00	62.1	5.8	0.0	0.0	500	27-Jun
PX16	85	179	31.80	40.1	22.5	0.0	0.00	91.1	10.1	0.0	0.0	500	28-Jun
PX16	85	180	28.80	39.7	23.2	0.0	0.00	118.9	10.1	0.0	0.0	500	29-Jun
PX16	85	181	30.70	40.5	23.1	0.0	0.00	105.3	11.0	0.0	0.0	500	30-Jun
PX16	85	182	30.50	43.0	23.6	0.0	0.00	141.0	10.0	0.0	0.0	500	01-Jul
PX16	85	183	31.60	43.5	25.6	0.0	0.00	146.3	8.9	0.0	0.0	500	02-Jul
PX16	85	184	30.98	42.9	26.2	0.0	0.00	81.4	10.9	0.0	0.0	500	03-Jul
PX16	85	185	30.49	38.8	26.8	0.0	0.00	96.5	13.0	0.0	0.0	500	04-Jul
PX16	85	186	29.52	39.1	26.9	0.0	0.00	111.4	15.8	0.0	0.0	500	05-Jul
PX16	85	187	29.40	37.7	27.2	0.0	0.00	125.6	19.7	0.0	0.0	500	06-Jul
PX16	85	188	28.20	38.5	28.9	0.0	0.00	136.1	18.4	0.0	0.0	500	07-Jul
PX16	85	189	26.30	40.6	29.9	0.0	0.00	142.8	16.4	0.0	0.0	500	08-Jul
PX16	85	190	29.40	39.0	30.9	0.0	0.00	146.2	18.8	0.0	0.0	500	09-Jul
PX16	85	191	29.70	39.9	28.4	0.0	0.00	133.1	19.0	0.0	0.0	500	10-Jul

	YR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX16	85	192	29.30	40.8	28.4	0.0	0.00	107.4	19.9	0.0	0.0	500	11-Jul
PX16	85	193	28.40	39.5	27.8	0.0	0.00	110.2	21.2	0.0	0.0	500	12-Jul
PX16	85	194	22.80	38.5	27.6	0.0	0.00	123.7	18.4	0.0	0.0	500	13-Jul
PX16	85	195	27.70	39.0	29.7	0.0	0.00	147.6	19.0	0.0	0.0	500	14-Jul
PX16	85	196	29.20	38.2	29.0	23.0	0.00	185.1	19.9	0.0	0.0	500	15-Jul
PX16	85	197	26.20	33.9	24.6	0.0	0.00	97.8	23.6	0.0	0.0	500	16-Jul
PX16	85	198	30.30	36.4	26.4	0.0	0.00	168.8	22.3	0.0	0.0	500	17-Jul
PX16	85	199	18.30	30.3	24.0	5.0	0.00	110.3	22.8	0.0	0.0	500	18-Jul
PX16	85	200	19.20	32.9	24.9	0.0	0.00	129.1	22.4	0.0	0.0	500	19-Jul
PX16	85	201	28.80	36.0	26.3	0.0	0.00	91.9	22.3	0.0	0.0	500	20-Jul
PX16	85	202	30.80	35.9	25.9	0.0	0.00	127.3	21.2	0.0	0.0	500	21-Jul
PX16	85	203	30.80	36.7	27.4	0.0	0.00	133.5	19.3	0.0	0.0	500	22-Jul
PX16	85	204	31.20	36.9	25.7	0.0	0.00	107.5	18.4	0.0	0.0	500	23-Jul
PX16	85	205	30.39	39.7	25.3	0.0	0.00	89.8	10.9	0.0	0.0	500	24-Jul
PX16	85	206	30.80	38.0	25.1	0.0	0.00	135.7	13.7	0.0	0.0	500	25-Jul
PX16	85	207	30.60	36.2	22.9	0.0	0.00	125.5	17.5	0.0	0.0	500	26-Jul
PX16	85	208	22.00	37.0	29.5	0.0	0.00	235.4	18.0	0.0	0.0	500	27-Jul
PX16	85	209	25.60	34.8	27.6	0.0	0.00	171.5	21.0	0.0	0.0	500	28-Jul
PX16	85	210	25.70	35.8	27.5	0.0	0.00	123.4	21.7	0.0	0.0	500	29-Jul
PX16	85	211	30.00	38.3	27.7	0.0	0.00	114.3	21.3	0.0	0.0	500	30-Jul
PX16	85	212	29.90	39.6	27.0	0.0	0.00	117.6	17.2	0.0	0.0	500	31-Jul
PX16	85	213	18.60	35.3	27.6	0.0	0.00	167.2	20.4	0.0	0.0	500	01-Aug
PX16	85	214	24.80	35.0	26.6	0.0	0.00	145.1	21.9	0.0	0.0	500	02-Aug
PX16	85	215	28.50	35.5	26.3	0.0	0.00	86.6	22.4	0.0	0.0	500	03-Aug
PX16	85	216	29.60	36.3	27.2	0.0	0.00	116.4	20.2	0.0	0.0	500	04-Aug
PX16	85	217	28.50	37.0	25.0	0.0	0.00	108.4	16.2	0.0	0.0	500	05-Aug
PX16	85	218	28.80	37.1	24.2	0.0	0.00	110.5	18.7	0.0	0.0	500	06-Aug
PX16	85	219	26.50	37.6	28.3	0.0	0.00	139.5	20.3	0.0	0.0	500	07-Aug
PX16	85	220	28.50	37.5	26.6	0.0	0.00	110.9	20.7	0.0	0.0	500	08-Aug
PX16	85	221	29.50	35.6	25.3	0.0	0.00	121.6	18.9	0.0	0.0	500	09-Aug
PX16	85	222	29.00	36.1	24.9	0.0	0.00	160.3	18.3	0.0	0.0	500	10-Aug
PX16	85	223	26.80	35.7	27.5	0.0	0.00	197.5	20.9	0.0	0.0	500	11-Aug
PX16	85	224	29.40	35.8	24.1	0.0	0.00	168.4	16.4	0.0	0.0	500	12-Aug
PX16	85	225	29.40	37.1	22.7	0.0	0.00	178.5	14.9	0.0	0.0	500	13-Aug
PX16	85	226	30.10	38.4	20.9	0.0	0.00	176.8	11.5	0.0	0.0	500	14-Aug
PX16	85	227	29.10	38.5	19.5	0.0	0.00	174.9	10.7	0.0	0.0	500	15-Aug
PX16	85	228	28.50	38.0	21.4	0.0	0.00	189.7	13.8	0.0	0.0	500	16-Aug
PX16	85	229	19.30	36.1	24.0	0.0	0.00	191.4	16.4	0.0	0.0	500	17-Aug
PX16	85	230	27.20	37.4	25.1	0.0	0.00	210.5	18.7	0.0	0.0	500	18-Aug
PX16	85	231	27.40	37.6	26.6	0.0	0.00	228.7	19.7	0.0	0.0	500	19-Aug
PX16	85	232	20.20	33.1	23.5	21.0	0.00	112.9	22.8	0.0	0.0	500	20-Aug
PX16	85	233	27.30	35.8	24.8	0.0	0.00	65.3	23.2	0.0	0.0	500	21-Aug
PX16	85	234	26.90	38.6	24.6	0.0	0.00	61.9	21.6	0.0	0.0	500	22-Aug
PX16	85	235	27.80	39.0	23.7	0.0	0.00	75.1	20.6	0.0	0.0	500	23-Aug
PX16	85	236	24.10	39.7	25.4	0.0	0.00	128.9	19.0	0.0	0.0	500	24-Aug
PX16	85	237	22.20	40.0	28.4	0.0	0.00	162.1	19.9	0.0	0.0	500	25-Aug
PX16	85	238	25.00	38.2	28.0	0.0	0.00	201.6	20.4	0.0	0.0	500	26-Aug
PX16	85	239	24.80	40.2	27.7	0.0	0.00	196.6	21.6	0.0	0.0	500	27-Aug
PX16	85	240	26.20	41.5	25.9	0.0	0.00	175.3	20.7	0.0	0.0	500	28-Aug
PX16	85	241	25.80	42.6	28.4	0.0	0.00	173.0	20.2	0.0	0.0	500	29-Aug
PX16	85	242	26.60	40.0	27.4	0.0	0.00	222.5	20.2	0.0	0.0	500	30-Aug
PX16	85	243	26.10	38.0	26.6	6.0	0.00	227.0	20.9	0.0	0.0	500	31-Aug

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL	XTMAX		XRAIN		WIND		STMAX		CO2			
PX16	85	244	23.40	35.2	24.3	0.0	0.00	96.8	21.9	0.0	0.0	500	01-Sep
PX16	85	245	25.20	37.7	25.1	0.0	0.00	114.9	20.4	0.0	0.0	500	02-Sep
PX16	85	246	23.60	37.8	24.8	0.0	0.00	160.4	16.9	0.0	0.0	500	03-Sep
PX16	85	247	21.60	35.0	21.5	0.0	0.00	176.5	14.0	0.0	0.0	500	04-Sep
PX16	85	248	23.40	33.2	18.8	0.0	0.00	98.3	13.0	0.0	0.0	500	05-Sep
PX16	85	249	19.40	31.8	19.3	0.0	0.00	132.7	15.3	0.0	0.0	500	06-Sep
PX16	85	250	26.10	33.4	19.2	0.0	0.00	101.3	15.2	0.0	0.0	500	07-Sep
PX16	85	251	24.90	35.9	19.3	0.0	0.00	115.3	12.7	0.0	0.0	500	08-Sep
PX16	85	252	16.00	31.8	18.4	0.0	0.00	78.9	12.0	0.0	0.0	500	09-Sep
PX16	85	253	13.80	33.8	21.6	0.0	0.00	83.2	12.9	0.0	0.0	500	10-Sep
PX16	85	254	24.10	32.2	16.6	0.0	0.00	189.4	13.7	0.0	0.0	500	11-Sep
PX16	85	255	25.10	34.0	12.6	0.0	0.00	54.0	8.1	0.0	0.0	500	12-Sep
PX16	85	256	24.80	35.4	14.4	0.0	0.00	77.7	11.3	0.0	0.0	500	13-Sep
PX16	85	257	22.40	46.0	18.5	0.0	0.00	73.5	13.0	0.0	0.0	500	14-Sep
PX16	85	258	17.00	37.3	23.7	0.0	0.00	107.0	17.8	0.0	0.0	500	15-Sep
PX16	85	259	16.50	37.6	22.5	0.0	0.00	91.6	14.4	0.0	0.0	500	16-Sep
PX16	85	260	24.10	37.4	21.5	0.0	0.00	150.9	12.7	0.0	0.0	500	17-Sep
PX16	85	261	11.90	27.1	16.3	17.0	0.00	145.6	14.7	0.0	0.0	500	18-Sep
PX16	85	262	23.60	29.7	15.5	1.0	0.00	99.1	15.2	0.0	0.0	500	19-Sep
PX16	85	263	23.30	29.4	14.9	0.0	0.00	57.6	13.9	0.0	0.0	500	20-Sep
PX16	85	264	23.60	31.9	15.5	0.0	0.00	48.5	13.8	0.0	0.0	500	21-Sep
PX16	85	265	23.50	33.1	17.1	0.0	0.00	101.0	13.0	0.0	0.0	500	22-Sep
PX16	85	266	19.50	34.0	18.4	0.0	0.00	75.0	13.8	0.0	0.0	500	23-Sep
PX16	85	267	22.90	35.5	17.5	0.0	0.00	72.3	13.7	0.0	0.0	500	24-Sep
PX16	85	268	21.20	35.2	18.1	0.0	0.00	89.7	13.4	0.0	0.0	500	25-Sep
PX16	85	269	21.80	36.1	18.8	5.0	0.00	108.8	14.3	0.0	0.0	500	26-Sep
PX16	85	270	18.50	32.3	19.7	1.0	0.00	169.8	16.8	0.0	0.0	500	27-Sep
PX16	85	271	15.00	28.6	19.8	0.0	0.00	170.0	16.5	0.0	0.0	500	28-Sep
PX16	85	272	21.90	31.3	16.4	0.0	0.00	73.8	15.8	0.0	0.0	500	29-Sep
PX16	85	273	16.90	31.7	17.3	0.0	0.00	60.2	14.5	0.0	0.0	500	30-Sep
PX16	85	274	20.90	33.1	15.6	0.0	0.00	60.5	12.6	0.0	0.0	500	01-Oct
PX16	85	275	20.80	33.1	18.8	0.0	0.00	76.1	14.0	0.0	0.0	500	02-Oct

FILENAME: PX070407.W85

WEATHER DATA FOR CO2=650, IRRIGATION=DRY, REP=#1

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC      ↓      CO2YR WINDYR

PX07 33.40 112.00 2.30 0 1 1 0 1 650 0.0

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
<u>INSTW</u>	<u>JUL</u>		<u>XTMAX</u>		<u>XRAIN</u>		<u>WIND</u>		<u>STMAX</u>	<u>CO2</u>			
PX07	85	94	26.21	32.0	12.2	0.0	0.00	164.2	2.1	0.0	0.0	350	04-Apr
PX07	85	95	26.37	29.1	11.0	0.0	0.00	276.5	1.3	0.0	0.0	350	05-Apr
PX07	85	96	25.00	30.6	12.4	0.0	0.00	164.2	-3.3	0.0	0.0	350	06-Apr
PX07	85	97	27.14	34.6	13.8	0.0	0.00	276.5	-5.0	0.0	0.0	350	07-Apr
PX07	85	98	24.85	35.7	15.1	0.0	0.00	164.2	-6.0	0.0	0.0	350	08-Apr
PX07	85	99	26.51	33.5	17.2	0.0	0.00	236.5	-1.2	0.0	0.0	350	09-Apr
PX07	85	100	26.91	33.2	17.4	0.0	0.00	150.6	3.2	0.0	0.0	350	10-Apr
PX07	85	101	27.91	34.3	13.5	0.0	0.00	152.3	6.1	0.0	0.0	650	11-Apr
PX07	85	102	27.79	34.8	12.9	0.0	0.00	141.9	6.4	0.0	0.0	650	12-Apr
PX07	85	103	25.67	33.2	13.1	0.0	0.00	131.4	5.9	0.0	0.0	650	13-Apr
PX07	85	104	24.98	24.8	12.4	0.0	0.00	160.9	2.5	0.0	0.0	650	14-Apr
PX07	85	105	24.60	30.2	11.9	0.0	0.00	178.8	0.2	0.0	0.0	650	15-Apr
PX07	85	106	23.42	39.5	18.0	0.0	0.00	164.2	-0.0	0.0	0.0	650	16-Apr
PX07	85	107	24.54	36.6	22.2	0.0	0.00	276.5	1.1	0.0	0.0	650	17-Apr
PX07	85	108	25.31	25.9	13.2	0.0	0.00	250.6	1.7	0.0	0.0	650	18-Apr
PX07	85	109	28.01	29.9	11.0	0.0	0.00	112.3	4.5	0.0	0.0	650	19-Apr
PX07	85	110	21.55	30.1	13.2	0.0	0.00	241.9	3.0	0.0	0.0	650	20-Apr
PX07	85	111	12.79	24.9	16.1	0.0	0.00	181.4	2.1	0.0	0.0	650	21-Apr
PX07	85	112	27.99	28.1	11.6	0.0	0.00	120.9	2.9	0.0	0.0	650	22-Apr
PX07	85	113	29.60	32.5	15.0	0.0	0.00	78.8	3.8	0.0	0.0	650	23-Apr
PX07	85	114	29.00	35.7	13.9	0.0	0.00	105.4	2.5	0.0	0.0	650	24-Apr
PX07	85	115	29.60	31.4	17.3	0.0	0.00	228.7	1.3	0.0	0.0	650	25-Apr
PX07	85	116	22.60	21.3	11.7	0.0	0.00	204.4	0.2	0.0	0.0	650	26-Apr
PX07	85	117	12.50	23.7	10.4	0.0	0.00	128.8	7.7	0.0	0.0	650	27-Apr
PX07	85	118	21.50	22.7	11.9	3.0	0.00	86.8	9.8	0.0	0.0	650	28-Apr
PX07	85	119	29.20	30.3	10.5	0.0	0.00	87.8	10.7	0.0	0.0	650	29-Apr
PX07	85	120	27.80	37.7	15.7	0.0	0.00	88.5	9.7	0.0	0.0	650	30-Apr
PX07	85	121	27.80	40.1	19.8	0.0	0.00	141.0	8.4	0.0	0.0	650	01-May
PX07	85	122	27.30	40.2	21.6	0.0	0.00	115.7	9.4	0.0	0.0	650	02-May
PX07	85	123	28.80	41.0	23.4	23.4	0.00	123.3	7.5	0.0	0.0	650	03-May
PX07	85	124	30.50	39.4	20.6	0.0	0.00	148.3	4.3	0.0	0.0	650	04-May
PX07	85	125	25.10	37.7	18.3	0.0	0.00	118.0	1.9	0.0	0.0	650	05-May
PX07	85	126	30.60	38.5	17.5	0.0	0.00	118.9	1.7	0.0	0.0	650	06-May
PX07	85	127	22.90	37.3	17.0	0.0	0.00	59.5	1.3	0.0	0.0	650	07-May
PX07	85	128	28.00	40.5	17.5	0.0	0.00	75.3	3.4	0.0	0.0	650	08-May
PX07	85	129	19.70	40.3	21.8	0.0	0.00	178.3	5.8	0.0	0.0	650	09-May
PX07	85	130	31.70	29.8	19.4	0.0	0.00	236.4	4.1	0.0	0.0	650	10-May
PX07	85	131	30.90	32.5	14.4	0.0	0.00	100.8	3.4	0.0	0.0	650	11-May
PX07	85	132	31.10	32.4	14.9	0.0	0.00	89.9	4.1	0.0	0.0	650	12-May
PX07	85	133	31.40	35.7	15.5	0.0	0.00	73.5	2.9	0.0	0.0	650	13-May
PX07	85	134	31.80	38.1	15.7	0.0	0.00	63.6	-3.0	0.0	0.0	650	14-May
PX07	85	135	27.40	41.0	17.2	0.0	0.00	133.5	0.2	0.0	0.0	650	15-May
PX07	85	136	20.10	38.4	25.0	0.0	0.00	145.7	5.0	0.0	0.0	650	16-May
PX07	85	137	31.00	40.3	21.6	0.0	0.00	96.6	8.2	0.0	0.0	650	17-May
PX07	85	138	31.40	41.0	22.1	0.0	0.00	147.2	7.0	0.0	0.0	650	18-May
PX07	85	139	32.30	39.1	20.3	0.0	0.00	179.5	2.3	0.0	0.0	650	19-May

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL	XTMAX		XRAIN		WIND		STMAX	CO2				
PX07	85	140	31.80	39.2	20.3	0.0	0.00	179.7	4.1	0.0	0.0	650	20-May
PX07	85	141	31.50	37.5	20.5	0.0	0.00	133.5	5.8	0.0	0.0	650	21-May
PX07	85	142	30.50	40.5	19.0	0.0	0.00	110.3	7.0	0.0	0.0	650	22-May
PX07	85	143	22.70	40.3	20.5	0.0	0.00	122.7	7.3	0.0	0.0	650	23-May
PX07	85	144	28.90	42.1	21.1	0.0	0.00	156.4	8.0	0.0	0.0	650	24-May
PX07	85	145	32.10	41.3	21.7	0.0	0.00	172.2	6.5	0.0	0.0	650	25-May
PX07	85	146	32.40	40.9	19.0	0.0	0.00	179.1	4.6	0.0	0.0	650	26-May
PX07	85	147	31.60	40.4	21.6	0.0	0.00	142.1	3.0	0.0	0.0	650	27-May
PX07	85	148	32.40	42.0	20.0	0.0	0.00	109.7	2.9	0.0	0.0	650	28-May
PX07	85	149	26.90	40.0	23.7	0.0	0.00	89.5	3.8	0.0	0.0	650	29-May
PX07	85	150	20.00	36.4	24.5	0.0	0.00	88.1	6.2	0.0	0.0	650	30-May
PX07	85	151	32.60	37.3	20.7	0.0	0.00	182.4	8.4	0.0	0.0	650	31-May
PX07	85	152	31.70	36.0	18.5	0.0	0.00	100.8	5.6	0.0	0.0	650	01-Jun
PX07	85	153	32.00	38.4	19.0	0.0	0.00	137.8	4.5	0.0	0.0	650	02-Jun
PX07	85	154	31.30	35.2	19.7	0.0	0.00	149.8	5.9	0.0	0.0	650	03-Jun
PX07	85	155	31.70	37.0	16.8	0.0	0.00	118.9	6.1	0.0	0.0	650	04-Jun
PX07	85	156	31.30	40.1	20.7	0.0	0.00	121.9	8.9	0.0	0.0	650	05-Jun
PX07	85	157	30.90	45.0	22.0	0.0	0.00	96.6	9.4	0.0	0.0	650	06-Jun
PX07	85	158	25.90	48.2	24.5	0.0	0.00	86.8	9.8	0.0	0.0	650	07-Jun
PX07	85	159	31.50	46.1	25.5	0.0	0.00	195.8	10.5	0.0	0.0	650	08-Jun
PX07	85	160	31.30	46.1	24.4	0.0	0.00	179.0	9.9	0.0	0.0	650	09-Jun
PX07	85	161	32.10	44.0	25.1	0.0	0.00	224.1	10.1	0.0	0.0	650	10-Jun
PX07	85	162	31.30	42.7	24.2	0.0	0.00	199.9	10.9	0.0	0.0	650	11-Jun
PX07	85	163	31.10	44.8	25.2	0.0	0.00	222.0	11.4	0.0	0.0	650	12-Jun
PX07	85	164	31.50	44.8	25.9	0.0	0.00	201.4	8.0	0.0	0.0	650	13-Jun
PX07	85	165	30.40	42.7	23.8	0.0	0.00	167.3	8.9	0.0	0.0	650	14-Jun
PX07	85	166	32.00	43.9	22.4	0.0	0.00	90.5	8.5	0.0	0.0	650	15-Jun
PX07	85	167	32.00	45.0	23.3	0.0	0.00	87.3	8.8	0.0	0.0	650	16-Jun
PX07	85	168	31.70	45.9	23.5	0.0	0.00	85.1	7.4	0.0	0.0	650	17-Jun
PX07	85	169	30.40	45.9	23.2	0.0	0.00	116.3	9.2	0.0	0.0	650	18-Jun
PX07	85	170	27.10	44.9	26.3	0.0	0.00	91.6	10.5	0.0	0.0	650	19-Jun
PX07	85	171	30.10	43.7	28.3	0.0	0.00	118.6	13.5	0.0	0.0	650	20-Jun
PX07	85	172	31.10	35.8	21.7	0.0	0.00	100.7	12.1	0.0	0.0	650	21-Jun
PX07	85	173	27.70	38.9	25.8	0.0	0.00	136.2	12.4	0.0	0.0	650	22-Jun
PX07	85	174	21.10	36.2	25.0	0.0	0.00	71.4	13.9	0.0	0.0	650	23-Jun
PX07	85	175	12.90	38.1	27.0	0.0	0.00	126.3	13.2	0.0	0.0	650	24-Jun
PX07	85	176	31.20	37.1	21.5	0.0	0.00	97.5	11.0	0.0	0.0	650	25-Jun
PX07	85	177	32.60	40.0	23.7	0.0	0.00	103.2	8.8	0.0	0.0	650	26-Jun
PX07	85	178	32.10	43.3	18.9	0.0	0.00	62.1	9.0	0.0	0.0	650	27-Jun
PX07	85	179	31.80	40.9	21.8	0.0	0.00	91.1	12.2	0.0	0.0	650	28-Jun
PX07	85	180	28.80	41.1	22.8	0.0	0.00	118.9	12.1	0.0	0.0	650	29-Jun
PX07	85	181	30.70	42.1	22.5	0.0	0.00	105.3	13.0	0.0	0.0	650	30-Jun
PX07	85	182	30.50	44.2	23.5	0.0	0.00	141.0	12.5	0.0	0.0	650	01-Jul
PX07	85	183	31.60	44.9	25.1	0.0	0.00	146.3	11.2	0.0	0.0	650	02-Jul
PX07	85	184	30.98	42.9	26.2	0.0	0.00	81.4	10.9	0.0	0.0	650	03-Jul
PX07	85	185	30.49	38.8	26.8	0.0	0.00	96.5	13.0	0.0	0.0	650	04-Jul
PX07	85	186	29.52	40.7	27.4	0.0	0.00	111.4	15.8	0.0	0.0	650	05-Jul
PX07	85	187	29.40	41.8	28.7	0.0	0.00	125.6	19.7	0.0	0.0	650	06-Jul
PX07	85	188	28.20	43.4	30.0	0.0	0.00	136.1	18.3	0.0	0.0	650	07-Jul
PX07	85	189	26.30	46.3	30.6	0.0	0.00	142.8	16.7	0.0	0.0	650	08-Jul
PX07	85	190	29.40	42.8	31.6	0.0	0.00	146.2	19.1	0.0	0.0	650	09-Jul
PX07	85	191	29.70	42.8	29.4	0.0	0.00	133.1	19.1	0.0	0.0	650	10-Jul

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX07	85	192	29.30	45.0	27.5	0.0	0.00	107.4	19.2	0.0	0.0	650	11-Jul
PX07	85	193	28.40	41.2	29.6	0.0	0.00	110.2	19.3	0.0	0.0	650	12-Jul
PX07	85	194	22.80	41.5	26.7	0.0	0.00	123.7	19.0	0.0	0.0	650	13-Jul
PX07	85	195	27.70	43.2	30.6	0.0	0.00	147.6	19.0	0.0	0.0	650	14-Jul
PX07	85	196	29.20	42.3	29.7	23.0	0.00	185.1	19.9	0.0	0.0	650	15-Jul
PX07	85	197	26.20	37.6	24.1	0.0	0.00	97.8	23.5	0.0	0.0	650	16-Jul
PX07	85	198	30.30	39.4	27.9	0.0	0.00	168.8	22.3	0.0	0.0	650	17-Jul
PX07	85	199	18.30	32.4	24.1	5.0	0.00	110.3	23.1	0.0	0.0	650	18-Jul
PX07	85	200	19.20	35.3	25.9	0.0	0.00	129.1	22.5	0.0	0.0	650	19-Jul
PX07	85	201	28.80	37.1	27.2	0.0	0.00	91.9	22.6	0.0	0.0	650	20-Jul
PX07	85	202	30.80	38.3	26.7	0.0	0.00	127.3	21.3	0.0	0.0	650	21-Jul
PX07	85	203	30.80	39.8	28.2	0.0	0.00	133.5	19.5	0.0	0.0	650	22-Jul
PX07	85	204	31.20	40.0	26.5	0.0	0.00	107.5	18.4	0.0	0.0	650	23-Jul
PX07	85	205	30.39	42.8	26.8	0.0	0.00	89.8	12.5	0.0	0.0	650	24-Jul
PX07	85	206	30.80	41.6	24.0	0.0	0.00	135.7	13.3	0.0	0.0	650	25-Jul
PX07	85	207	30.60	40.6	23.7	0.0	0.00	125.5	17.7	0.0	0.0	650	26-Jul
PX07	85	208	22.00	38.7	29.3	0.0	0.00	235.4	17.3	0.0	0.0	650	27-Jul
PX07	85	209	25.60	41.1	28.8	0.0	0.00	171.5	21.2	0.0	0.0	650	28-Jul
PX07	85	210	25.70	42.8	29.5	0.0	0.00	123.4	20.9	0.0	0.0	650	29-Jul
PX07	85	211	30.00	44.9	27.8	0.0	0.00	114.3	17.0	0.0	0.0	650	30-Jul
PX07	85	212	29.90	39.6	27.1	0.0	0.00	117.6	17.2	0.0	0.0	650	31-Jul
PX07	85	213	18.60	39.7	29.1	0.0	0.00	167.2	20.5	0.0	0.0	650	01-Aug
PX07	85	214	24.80	38.6	27.4	0.0	0.00	145.1	22.3	0.0	0.0	650	02-Aug
PX07	85	215	28.50	38.3	27.3	0.0	0.00	86.6	22.4	0.0	0.0	650	03-Aug
PX07	85	216	29.60	40.4	27.9	0.0	0.00	116.4	20.2	0.0	0.0	650	04-Aug
PX07	85	217	28.50	41.5	26.3	0.0	0.00	108.4	15.8	0.0	0.0	650	05-Aug
PX07	85	218	28.80	41.1	25.6	0.0	0.00	110.5	18.6	0.0	0.0	650	06-Aug
PX07	85	219	26.50	42.6	28.9	0.0	0.00	139.5	20.2	0.0	0.0	650	07-Aug
PX07	85	220	28.50	42.6	28.1	0.0	0.00	110.9	20.3	0.0	0.0	650	08-Aug
PX07	85	221	29.50	39.5	26.0	0.0	0.00	121.6	18.7	0.0	0.0	650	09-Aug
PX07	85	222	29.00	38.5	25.9	0.0	0.00	160.3	18.2	0.0	0.0	650	10-Aug
PX07	85	223	26.80	37.8	27.9	0.0	0.00	197.5	21.4	0.0	0.0	650	11-Aug
PX07	85	224	29.40	38.8	25.1	0.0	0.00	168.4	15.1	0.0	0.0	650	12-Aug
PX07	85	225	29.40	41.6	23.5	0.0	0.00	178.5	12.6	0.0	0.0	650	13-Aug
PX07	85	226	30.10	42.8	21.6	0.0	0.00	176.8	8.4	0.0	0.0	650	14-Aug
PX07	85	227	29.10	43.5	20.1	0.0	0.00	174.9	7.8	0.0	0.0	650	15-Aug
PX07	85	228	28.50	39.7	21.2	0.0	0.00	189.7	12.5	0.0	0.0	650	16-Aug
PX07	85	229	19.30	37.6	25.1	0.0	0.00	191.4	15.3	0.0	0.0	650	17-Aug
PX07	85	230	27.20	40.1	25.7	0.0	0.00	210.5	17.4	0.0	0.0	650	18-Aug
PX07	85	231	27.40	41.5	27.5	0.0	0.00	228.7	18.8	0.0	0.0	650	19-Aug
PX07	85	232	20.20	34.3	23.4	21.0	0.00	112.9	22.6	0.0	0.0	650	20-Aug
PX07	85	233	27.30	38.9	25.3	0.0	0.00	65.3	22.4	0.0	0.0	650	21-Aug
PX07	85	234	26.90	42.5	25.9	0.0	0.00	61.9	22.3	0.0	0.0	650	22-Aug
PX07	85	235	27.80	41.1	22.9	0.0	0.00	75.1	20.3	0.0	0.0	650	23-Aug
PX07	85	236	24.10	42.5	26.0	0.0	0.00	128.9	17.3	0.0	0.0	650	24-Aug
PX07	85	237	22.20	43.2	29.6	0.0	0.00	162.1	18.4	0.0	0.0	650	25-Aug
PX07	85	238	25.00	41.7	29.0	0.0	0.00	201.6	18.9	0.0	0.0	650	26-Aug
PX07	85	239	24.80	44.0	28.9	0.0	0.00	196.6	20.4	0.0	0.0	650	27-Aug
PX07	85	240	26.20	45.4	26.8	0.0	0.00	175.3	18.9	0.0	0.0	650	28-Aug
PX07	85	241	25.80	47.4	29.3	0.0	0.00	173.0	18.0	0.0	0.0	650	29-Aug
PX07	85	242	26.60	42.4	28.0	0.0	0.00	222.5	19.0	0.0	0.0	650	30-Aug
PX07	85	243	26.10	40.6	27.1	6.0	0.00	227.0	19.7	0.0	0.0	650	31-Aug

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
<u>INSTW</u>	<u>JUL</u>	<u>XTMAX</u>		<u>XRAIN</u>	<u>WIND</u>	<u>STMAX</u>	<u>CO2</u>						
PX07	85	244	23.40	36.8	24.5	0.0	0.00	96.8	21.5	0.0	0.0	650	01-Sep
PX07	85	245	25.20	39.5	25.9	0.0	0.00	114.9	19.2	0.0	0.0	650	02-Sep
PX07	85	246	23.60	40.2	25.6	0.0	0.00	160.4	14.9	0.0	0.0	650	03-Sep
PX07	85	247	21.60	36.6	22.4	0.0	0.00	176.5	11.9	0.0	0.0	650	04-Sep
PX07	85	248	23.40	34.9	19.6	0.0	0.00	98.3	11.0	0.0	0.0	650	05-Sep
PX07	85	249	19.40	33.4	20.0	0.0	0.00	132.7	13.9	0.0	0.0	650	06-Sep
PX07	85	250	26.10	34.3	19.9	0.0	0.00	101.3	13.6	0.0	0.0	650	07-Sep
PX07	85	251	24.90	36.3	19.4	0.0	0.00	115.3	12.1	0.0	0.0	650	08-Sep
PX07	85	252	16.00	33.0	20.8	0.0	0.00	78.9	11.3	0.0	0.0	650	09-Sep
PX07	85	253	13.80	34.5	22.3	0.0	0.00	83.2	12.4	0.0	0.0	650	10-Sep
PX07	85	254	24.10	33.0	17.6	0.0	0.00	189.4	12.8	0.0	0.0	650	11-Sep
PX07	85	255	25.10	35.3	13.2	0.0	0.00	54.0	5.8	0.0	0.0	650	12-Sep
PX07	85	256	24.80	37.6	14.8	0.0	0.00	77.7	8.8	0.0	0.0	650	13-Sep
PX07	85	257	22.40	47.1	20.3	0.0	0.00	73.5	13.0	0.0	0.0	650	14-Sep
PX07	85	258	17.00	39.7	24.9	0.0	0.00	107.0	16.3	0.0	0.0	650	15-Sep
PX07	85	259	16.50	40.5	23.1	0.0	0.00	91.6	12.2	0.0	0.0	650	16-Sep
PX07	85	260	24.10	40.1	22.4	0.0	0.00	150.9	12.3	0.0	0.0	650	17-Sep
PX07	85	261	11.90	27.4	17.0	17.0	0.00	145.6	18.3	0.0	0.0	650	18-Sep
PX07	85	262	23.60	30.4	16.0	1.0	0.00	99.1	14.2	0.0	0.0	650	19-Sep
PX07	85	263	23.30	29.9	15.4	0.0	0.00	57.6	12.8	0.0	0.0	650	20-Sep
PX07	85	264	23.60	32.8	16.1	0.0	0.00	48.5	12.9	0.0	0.0	650	21-Sep
PX07	85	265	23.50	34.4	17.6	0.0	0.00	101.0	13.0	0.0	0.0	650	22-Sep
PX07	85	266	19.50	35.4	18.6	0.0	0.00	75.0	12.7	0.0	0.0	650	23-Sep
PX07	85	267	22.90	37.7	17.6	0.0	0.00	72.3	11.5	0.0	0.0	650	24-Sep
PX07	85	268	21.20	37.2	18.5	0.0	0.00	89.7	12.1	0.0	0.0	650	25-Sep
PX07	85	269	21.80	38.4	19.3	5.0	0.00	108.8	13.2	0.0	0.0	650	26-Sep
PX07	85	270	18.50	34.1	20.5	1.0	0.00	169.8	16.2	0.0	0.0	650	27-Sep
PX07	85	271	15.00	29.5	20.6	0.0	0.00	170.0	16.2	0.0	0.0	650	28-Sep
PX07	85	272	21.90	32.7	17.2	0.0	0.00	73.8	14.9	0.0	0.0	650	29-Sep
PX07	85	273	16.90	33.3	19.3	0.0	0.00	60.2	13.2	0.0	0.0	650	30-Sep
PX07	85	274	20.90	35.0	16.4	0.0	0.00	60.5	11.3	0.0	0.0	650	01-Oct
PX07	85	275	20.80	34.6	19.3	0.0	0.00	76.1	12.9	0.0	0.0	650	02-Oct



FILENAME: PX090407.W85

WEATHER DATA FOR CO2-650, IRRIGATION-DRY, REP-#2

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC     +     CO2YR WINDYR  
 PX09 33.40 112.00 2.30 0 1 1 0 1 650 0.0

	IYR	SOLRAD	XTMIN	XPAR	DEWPT	STMIN	A00
<u>INSTW</u>	<u>JUL</u>	<u>XTMAX</u>	<u>XRAIN</u>	<u>WIND</u>	<u>STMAX</u>	<u>CO2</u>	
PX09	85	94	26.21	32.0	12.2	0.0	04-Apr
PX09	85	95	26.37	29.1	11.0	0.0	05-Apr
PX09	85	96	25.00	30.6	12.4	0.0	06-Apr
PX09	85	97	27.14	34.6	13.8	0.0	07-Apr
PX09	85	98	24.85	35.7	15.1	0.0	08-Apr
PX09	85	99	26.51	33.5	17.2	0.0	09-Apr
PX09	85	100	26.91	33.2	17.4	0.0	10-Apr
PX09	85	101	27.91	34.3	13.5	0.0	11-Apr
PX09	85	102	27.79	34.8	12.9	0.0	12-Apr
PX09	85	103	25.67	33.2	13.1	0.0	13-Apr
PX09	85	104	24.98	24.8	12.4	0.0	14-Apr
PX09	85	105	24.60	30.2	11.9	0.0	15-Apr
PX09	85	106	23.42	39.5	18.0	0.0	16-Apr
PX09	85	107	24.54	36.6	22.2	0.0	17-Apr
PX09	85	108	25.31	25.9	13.2	0.0	18-Apr
PX09	85	109	28.01	29.9	11.0	0.0	19-Apr
PX09	85	110	21.55	30.1	13.2	0.0	20-Apr
PX09	85	111	12.79	24.9	16.1	0.0	21-Apr
PX09	85	112	27.99	28.1	11.6	0.0	22-Apr
PX09	85	113	29.60	32.4	15.4	0.0	23-Apr
PX09	85	114	29.00	35.5	14.9	0.0	24-Apr
PX09	85	115	29.60	31.4	17.3	0.0	25-Apr
PX09	85	116	22.60	21.1	12.4	0.0	26-Apr
PX09	85	117	12.50	25.6	11.0	0.0	27-Apr
PX09	85	118	21.50	22.8	12.2	3.0	28-Apr
PX09	85	119	29.20	30.4	11.2	0.0	29-Apr
PX09	85	120	27.80	37.8	16.6	0.0	30-Apr
PX09	85	121	27.80	39.6	20.4	0.0	01-May
PX09	85	122	27.30	39.2	22.2	0.0	02-May
PX09	85	123	28.80	40.1	23.5	23.4	03-May
PX09	85	124	30.50	38.9	20.6	0.0	04-May
PX09	85	125	25.10	37.2	18.0	0.0	05-May
PX09	85	126	30.60	37.4	17.6	0.0	06-May
PX09	85	127	22.90	37.0	17.3	0.0	07-May
PX09	85	128	28.00	39.6	17.6	0.0	08-May
PX09	85	129	19.70	40.0	22.1	0.0	09-May
PX09	85	130	31.70	30.0	19.4	0.0	10-May
PX09	85	131	30.90	31.7	14.2	0.0	11-May
PX09	85	132	31.10	32.4	14.7	0.0	12-May
PX09	85	133	31.40	35.1	15.6	0.0	13-May
PX09	85	134	31.80	36.8	16.1	0.0	14-May
PX09	85	135	27.40	39.7	17.3	0.0	15-May
PX09	85	136	20.10	37.6	25.1	0.0	16-May
PX09	85	137	31.00	39.5	21.4	0.0	17-May
PX09	85	138	31.40	40.7	22.0	0.0	18-May
PX09	85	139	32.30	37.8	20.5	0.0	19-May

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX09	85	140	31.80	38.5	20.3	0.0	0.00	179.7	4.3	0.0	0.0	650	20-May
PX09	85	141	31.50	37.2	20.5	0.0	0.00	133.5	6.8	0.0	0.0	650	21-May
PX09	85	142	30.50	39.9	19.3	0.0	0.00	110.3	7.1	0.0	0.0	650	22-May
PX09	85	143	22.70	39.3	20.0	0.0	0.00	122.7	7.4	0.0	0.0	650	23-May
PX09	85	144	28.90	41.0	21.5	0.0	0.00	156.4	8.5	0.0	0.0	650	24-May
PX09	85	145	32.10	40.6	21.9	0.0	0.00	172.2	7.3	0.0	0.0	650	25-May
PX09	85	146	32.40	39.9	19.9	0.0	0.00	179.1	5.6	0.0	0.0	650	26-May
PX09	85	147	31.60	39.9	21.7	0.0	0.00	142.1	5.1	0.0	0.0	650	27-May
PX09	85	148	32.40	40.5	20.1	0.0	0.00	109.7	5.1	0.0	0.0	650	28-May
PX09	85	149	26.90	40.0	23.7	0.0	0.00	89.5	3.8	0.0	0.0	650	29-May
PX09	85	150	20.00	36.4	24.5	0.0	0.00	88.1	5.4	0.0	0.0	650	30-May
PX09	85	151	32.60	36.2	20.8	0.0	0.00	182.4	10.3	0.0	0.0	650	31-May
PX09	85	152	31.70	35.0	18.7	0.0	0.00	100.8	7.4	0.0	0.0	650	01-Jun
PX09	85	153	32.00	37.5	18.9	0.0	0.00	137.8	6.8	0.0	0.0	650	02-Jun
PX09	85	154	31.30	34.3	19.8	0.0	0.00	149.8	7.8	0.0	0.0	650	03-Jun
PX09	85	155	31.70	36.8	17.0	0.0	0.00	118.9	8.2	0.0	0.0	650	04-Jun
PX09	85	156	31.30	39.1	20.8	0.0	0.00	121.9	10.7	0.0	0.0	650	05-Jun
PX09	85	157	30.90	44.0	22.3	0.0	0.00	96.6	11.4	0.0	0.0	650	06-Jun
PX09	85	158	25.90	46.8	25.0	0.0	0.00	86.8	11.4	0.0	0.0	650	07-Jun
PX09	85	159	31.50	46.0	25.7	0.0	0.00	195.8	12.0	0.0	0.0	650	08-Jun
PX09	85	160	31.30	46.3	24.8	0.0	0.00	179.0	11.2	0.0	0.0	650	09-Jun
PX09	85	161	32.10	44.6	25.4	0.0	0.00	224.1	10.4	0.0	0.0	650	10-Jun
PX09	85	162	31.30	42.1	25.5	0.0	0.00	199.9	11.0	0.0	0.0	650	11-Jun
PX09	85	163	31.10	44.9	26.2	0.0	0.00	222.0	11.3	0.0	0.0	650	12-Jun
PX09	85	164	31.50	44.4	26.1	0.0	0.00	201.4	7.5	0.0	0.0	650	13-Jun
PX09	85	165	30.40	42.2	24.7	0.0	0.00	167.3	8.6	0.0	0.0	650	14-Jun
PX09	85	166	32.00	43.7	23.0	0.0	0.00	90.5	8.0	0.0	0.0	650	15-Jun
PX09	85	167	32.00	45.0	24.1	0.0	0.00	87.3	8.0	0.0	0.0	650	16-Jun
PX09	85	168	31.70	46.1	23.1	0.0	0.00	85.1	7.5	0.0	0.0	650	17-Jun
PX09	85	169	30.40	46.4	24.4	0.0	0.00	116.3	8.4	0.0	0.0	650	18-Jun
PX09	85	170	27.10	44.0	26.5	0.0	0.00	91.6	11.2	0.0	0.0	650	19-Jun
PX09	85	171	30.10	42.6	28.0	0.0	0.00	118.6	13.8	0.0	0.0	650	20-Jun
PX09	85	172	31.10	38.7	25.4	0.0	0.00	100.7	10.6	0.0	0.0	650	21-Jun
PX09	85	173	27.70	40.1	24.5	0.0	0.00	136.2	11.6	0.0	0.0	650	22-Jun
PX09	85	174	21.10	40.3	25.8	0.0	0.00	71.4	12.2	0.0	0.0	650	23-Jun
PX09	85	175	12.90	37.2	27.6	0.0	0.00	126.3	11.9	0.0	0.0	650	24-Jun
PX09	85	176	31.20	37.7	22.0	0.0	0.00	97.5	9.7	0.0	0.0	650	25-Jun
PX09	85	177	32.60	40.3	23.1	0.0	0.00	103.2	6.7	0.0	0.0	650	26-Jun
PX09	85	178	32.10	44.0	19.5	0.0	0.00	62.1	6.1	0.0	0.0	650	27-Jun
PX09	85	179	31.80	41.7	22.4	0.0	0.00	91.1	10.0	0.0	0.0	650	28-Jun
PX09	85	180	28.80	41.8	23.7	0.0	0.00	118.9	10.6	0.0	0.0	650	29-Jun
PX09	85	181	30.70	42.5	23.4	0.0	0.00	105.3	11.3	0.0	0.0	650	30-Jun
PX09	85	182	30.50	44.6	23.6	0.0	0.00	141.0	9.8	0.0	0.0	650	01-Jul
PX09	85	183	31.60	45.4	25.5	0.0	0.00	146.3	9.3	0.0	0.0	650	02-Jul
PX09	85	184	30.98	42.9	26.2	0.0	0.00	81.4	10.9	0.0	0.0	650	03-Jul
PX09	85	185	30.49	38.8	26.8	0.0	0.00	96.5	13.0	0.0	0.0	650	04-Jul
PX09	85	186	29.52	40.7	27.4	0.0	0.00	111.4	15.8	0.0	0.0	650	05-Jul
PX09	85	187	29.40	40.2	27.7	0.0	0.00	125.6	18.7	0.0	0.0	650	06-Jul
PX09	85	188	28.20	41.2	29.5	0.0	0.00	136.1	17.3	0.0	0.0	650	07-Jul
PX09	85	189	26.30	44.1	30.5	0.0	0.00	142.8	15.4	0.0	0.0	650	08-Jul
PX09	85	190	29.40	41.5	31.5	0.0	0.00	146.2	18.7	0.0	0.0	650	09-Jul
PX09	85	191	29.70	42.5	28.8	0.0	0.00	133.1	18.3	0.0	0.0	650	10-Jul

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX09	85	192	29.30	44.4	28.6	0.0	0.00	107.4	18.5	0.0	0.0	650	11-Jul
PX09	85	193	28.40	41.9	29.8	0.0	0.00	110.2	18.3	0.0	0.0	650	12-Jul
PX09	85	194	22.80	40.5	28.2	0.0	0.00	123.7	18.5	0.0	0.0	650	13-Jul
PX09	85	195	27.70	40.9	30.3	0.0	0.00	147.6	19.4	0.0	0.0	650	14-Jul
PX09	85	196	29.20	39.9	28.5	23.0	0.00	185.1	20.2	0.0	0.0	650	15-Jul
PX09	85	197	26.20	35.3	23.1	0.0	0.00	97.8	23.8	0.0	0.0	650	16-Jul
PX09	85	198	30.30	37.9	26.8	0.0	0.00	168.8	22.2	0.0	0.0	650	17-Jul
PX09	85	199	18.30	31.1	23.1	5.0	0.00	110.3	21.1	0.0	0.0	650	18-Jul
PX09	85	200	19.20	33.7	25.1	0.0	0.00	129.1	22.0	0.0	0.0	650	19-Jul
PX09	85	201	28.80	36.5	26.6	0.0	0.00	91.9	21.8	0.0	0.0	650	20-Jul
PX09	85	202	30.80	37.6	26.4	0.0	0.00	127.3	20.7	0.0	0.0	650	21-Jul
PX09	85	203	30.80	39.4	28.1	0.0	0.00	133.5	18.8	0.0	0.0	650	22-Jul
PX09	85	204	31.20	40.4	26.3	0.0	0.00	107.5	17.7	0.0	0.0	650	23-Jul
PX09	85	205	30.39	42.8	26.8	0.0	0.00	89.8	12.0	0.0	0.0	650	24-Jul
PX09	85	206	30.80	41.9	25.6	0.0	0.00	135.7	11.3	0.0	0.0	650	25-Jul
PX09	85	207	30.60	39.4	23.4	0.0	0.00	125.5	16.2	0.0	0.0	650	26-Jul
PX09	85	208	22.00	38.0	30.1	0.0	0.00	235.4	16.9	0.0	0.0	650	27-Jul
PX09	85	209	25.60	36.6	28.2	0.0	0.00	171.5	19.9	0.0	0.0	650	28-Jul
PX09	85	210	25.70	38.9	28.1	0.0	0.00	123.4	20.7	0.0	0.0	650	29-Jul
PX09	85	211	30.00	41.3	28.2	0.0	0.00	114.3	20.1	0.0	0.0	650	30-Jul
PX09	85	212	29.90	42.8	27.7	0.0	0.00	117.6	16.0	0.0	0.0	650	31-Jul
PX09	85	213	18.60	37.6	28.1	0.0	0.00	167.2	19.9	0.0	0.0	650	01-Aug
PX09	85	214	24.80	36.8	26.8	0.0	0.00	145.1	21.5	0.0	0.0	650	02-Aug
PX09	85	215	28.50	36.8	26.4	0.0	0.00	86.6	21.9	0.0	0.0	650	03-Aug
PX09	85	216	29.60	38.3	27.6	0.0	0.00	116.4	19.5	0.0	0.0	650	04-Aug
PX09	85	217	28.50	38.9	25.8	0.0	0.00	108.4	15.6	0.0	0.0	650	05-Aug
PX09	85	218	28.80	39.6	25.0	0.0	0.00	110.5	18.0	0.0	0.0	650	06-Aug
PX09	85	219	26.50	40.7	28.8	0.0	0.00	139.5	19.7	0.0	0.0	650	07-Aug
PX09	85	220	28.50	41.3	27.1	0.0	0.00	110.9	19.6	0.0	0.0	650	08-Aug
PX09	85	221	29.50	37.0	25.9	0.0	0.00	121.6	17.9	0.0	0.0	650	09-Aug
PX09	85	222	29.00	38.3	25.5	0.0	0.00	160.3	17.3	0.0	0.0	650	10-Aug
PX09	85	223	26.80	37.7	28.3	0.0	0.00	197.5	20.2	0.0	0.0	650	11-Aug
PX09	85	224	29.40	38.9	24.7	0.0	0.00	168.4	15.0	0.0	0.0	650	12-Aug
PX09	85	225	29.40	41.7	23.8	0.0	0.00	178.5	13.3	0.0	0.0	650	13-Aug
PX09	85	226	30.10	42.8	21.7	0.0	0.00	176.8	9.9	0.0	0.0	650	14-Aug
PX09	85	227	29.10	42.9	20.1	0.0	0.00	174.9	9.2	0.0	0.0	650	15-Aug
PX09	85	228	28.50	40.0	21.9	0.0	0.00	189.7	13.2	0.0	0.0	650	16-Aug
PX09	85	229	19.30	37.7	24.5	0.0	0.00	191.4	16.1	0.0	0.0	650	17-Aug
PX09	85	230	27.20	39.8	25.7	0.0	0.00	210.5	18.3	0.0	0.0	650	18-Aug
PX09	85	231	27.40	41.3	27.3	0.0	0.00	228.7	19.0	0.0	0.0	650	19-Aug
PX09	85	232	20.20	34.4	23.1	21.0	0.00	112.9	22.4	0.0	0.0	650	20-Aug
PX09	85	233	27.30	38.8	25.2	0.0	0.00	65.3	22.5	0.0	0.0	650	21-Aug
PX09	85	234	26.90	42.5	25.4	0.0	0.00	61.9	20.6	0.0	0.0	650	22-Aug
PX09	85	235	27.80	41.1	24.5	0.0	0.00	75.1	19.7	0.0	0.0	650	23-Aug
PX09	85	236	24.10	42.9	26.5	0.0	0.00	128.9	17.9	0.0	0.0	650	24-Aug
PX09	85	237	22.20	43.5	29.8	0.0	0.00	162.1	18.5	0.0	0.0	650	25-Aug
PX09	85	238	25.00	41.4	29.1	0.0	0.00	201.6	18.9	0.0	0.0	650	26-Aug
PX09	85	239	24.80	44.0	29.0	0.0	0.00	196.6	20.6	0.0	0.0	650	27-Aug
PX09	85	240	26.20	45.2	26.8	0.0	0.00	175.3	19.0	0.0	0.0	650	28-Aug
PX09	85	241	25.80	46.8	29.5	0.0	0.00	173.0	18.0	0.0	0.0	650	29-Aug
PX09	85	242	26.60	41.2	27.8	0.0	0.00	222.5	19.2	0.0	0.0	650	30-Aug
PX09	85	243	26.10	40.6	27.1	6.0	0.00	227.0	19.7	0.0	0.0	650	31-Aug

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL	XTMAX		XRAIN		WIND		STMAX		CO2			
PX09	85	244	23.40	36.6	24.7	0.0	0.00	96.8	21.1	0.0	0.0	650	01-Sep
PX09	85	245	25.20	39.5	25.9	0.0	0.00	114.9	19.2	0.0	0.0	650	02-Sep
PX09	85	246	23.60	40.0	26.0	0.0	0.00	160.4	15.3	0.0	0.0	650	03-Sep
PX09	85	247	21.60	36.7	22.6	0.0	0.00	176.5	12.1	0.0	0.0	650	04-Sep
PX09	85	248	23.40	34.9	19.5	0.0	0.00	98.3	11.1	0.0	0.0	650	05-Sep
PX09	85	249	19.40	32.8	20.0	0.0	0.00	132.7	14.1	0.0	0.0	650	06-Sep
PX09	85	250	26.10	33.7	19.8	0.0	0.00	101.3	13.7	0.0	0.0	650	07-Sep
PX09	85	251	24.90	35.7	19.6	0.0	0.00	115.3	12.1	0.0	0.0	650	08-Sep
PX09	85	252	16.00	32.9	21.1	0.0	0.00	78.9	11.3	0.0	0.0	650	09-Sep
PX09	85	253	13.80	34.4	22.5	0.0	0.00	83.2	13.0	0.0	0.0	650	10-Sep
PX09	85	254	24.10	32.6	17.5	0.0	0.00	189.4	13.0	0.0	0.0	650	11-Sep
PX09	85	255	25.10	35.1	13.1	0.0	0.00	54.0	6.1	0.0	0.0	650	12-Sep
PX09	85	256	24.80	37.5	15.3	0.0	0.00	77.7	8.9	0.0	0.0	650	13-Sep
PX09	85	257	22.40	47.1	20.3	0.0	0.00	73.5	13.0	0.0	0.0	650	14-Sep
PX09	85	258	17.00	39.8	25.0	0.0	0.00	107.0	16.3	0.0	0.0	650	15-Sep
PX09	85	259	16.50	40.6	23.5	0.0	0.00	91.6	12.4	0.0	0.0	650	16-Sep
PX09	85	260	24.10	40.1	22.4	0.0	0.00	150.9	12.3	0.0	0.0	650	17-Sep
PX09	85	261	11.90	27.3	17.0	17.0	0.00	145.6	18.3	0.0	0.0	650	18-Sep
PX09	85	262	23.60	30.8	15.9	1.0	0.00	99.1	14.0	0.0	0.0	650	19-Sep
PX09	85	263	23.30	29.9	15.4	0.0	0.00	57.6	12.9	0.0	0.0	650	20-Sep
PX09	85	264	23.60	33.2	15.9	0.0	0.00	48.5	12.8	0.0	0.0	650	21-Sep
PX09	85	265	23.50	34.1	17.6	0.0	0.00	101.0	13.2	0.0	0.0	650	22-Sep
PX09	85	266	19.50	35.5	19.1	0.0	0.00	75.0	12.9	0.0	0.0	650	23-Sep
PX09	85	267	22.90	37.4	18.3	0.0	0.00	72.3	11.9	0.0	0.0	650	24-Sep
PX09	85	268	21.20	37.1	18.9	0.0	0.00	89.7	12.5	0.0	0.0	650	25-Sep
PX09	85	269	21.80	38.1	19.8	5.0	0.00	108.8	13.2	0.0	0.0	650	26-Sep
PX09	85	270	18.50	33.6	20.4	1.0	0.00	169.8	16.1	0.0	0.0	650	27-Sep
PX09	85	271	15.00	29.2	20.4	0.0	0.00	170.0	16.3	0.0	0.0	650	28-Sep
PX09	85	272	21.90	32.4	17.3	0.0	0.00	73.8	15.4	0.0	0.0	650	29-Sep
PX09	85	273	16.90	33.1	19.2	0.0	0.00	60.2	13.8	0.0	0.0	650	30-Sep
PX09	85	274	20.90	34.7	16.3	0.0	0.00	60.5	12.1	0.0	0.0	650	01-Oct
PX09	85	275	20.80	34.0	19.8	0.0	0.00	76.1	13.7	0.0	0.0	650	02-Oct

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC     ↓     CO2YR WINDYR  
 PX04 33.40 112.00 2.30 0 1 1 0 1 650 0.0

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
<u>INSTW</u>	<u>JUL</u>		<u>XTMAX</u>		<u>XRAIN</u>		<u>WIND</u>		<u>STMAX</u>		<u>CO2</u>		
PX04	85	94	26.21	32.0	12.2	0.0	0.00	164.2	2.1	0.0	0.0	350	04-Apr
PX04	85	95	26.37	29.1	11.0	0.0	0.00	276.5	1.3	0.0	0.0	350	05-Apr
PX04	85	96	25.00	30.6	12.4	0.0	0.00	164.2	-3.3	0.0	0.0	350	06-Apr
PX04	85	97	27.14	34.6	13.8	0.0	0.00	276.5	-5.0	0.0	0.0	350	07-Apr
PX04	85	98	24.85	35.7	15.1	0.0	0.00	164.2	-6.0	0.0	0.0	350	08-Apr
PX04	85	99	26.51	33.5	17.2	0.0	0.00	236.5	-1.2	0.0	0.0	350	09-Apr
PX04	85	100	26.91	33.2	17.4	0.0	0.00	150.6	3.2	0.0	0.0	350	10-Apr
PX04	85	101	27.91	34.3	13.5	0.0	0.00	152.3	6.1	0.0	0.0	650	11-Apr
PX04	85	102	27.79	34.8	12.9	0.0	0.00	141.9	6.4	0.0	0.0	650	12-Apr
PX04	85	103	25.67	33.2	13.1	0.0	0.00	131.4	5.9	0.0	0.0	650	13-Apr
PX04	85	104	24.98	24.8	12.4	0.0	0.00	160.9	2.5	0.0	0.0	650	14-Apr
PX04	85	105	24.60	30.2	11.9	0.0	0.00	178.8	0.2	0.0	0.0	650	15-Apr
PX04	85	106	23.42	39.0	17.6	0.0	0.00	164.2	-0.0	0.0	0.0	650	16-Apr
PX04	85	107	24.54	36.2	21.8	0.0	0.00	276.5	1.1	0.0	0.0	650	17-Apr
PX04	85	108	25.31	25.5	12.8	0.0	0.00	250.6	1.7	0.0	0.0	650	18-Apr
PX04	85	109	28.01	29.4	10.6	0.0	0.00	112.3	4.5	0.0	0.0	650	19-Apr
PX04	85	110	21.55	29.7	12.8	0.0	0.00	241.9	3.0	0.0	0.0	650	20-Apr
PX04	85	111	12.79	24.5	15.6	0.0	0.00	181.4	2.1	0.0	0.0	650	21-Apr
PX04	85	112	27.99	27.6	11.2	0.0	0.00	120.9	2.9	0.0	0.0	650	22-Apr
PX04	85	113	29.60	32.9	14.4	0.0	0.00	78.8	1.5	0.0	0.0	650	23-Apr
PX04	85	114	29.00	35.9	13.4	0.0	0.00	105.4	2.3	0.0	0.0	650	24-Apr
PX04	85	115	29.60	31.2	16.8	0.0	0.00	228.7	1.1	0.0	0.0	650	25-Apr
PX04	85	116	22.60	20.9	11.6	0.0	0.00	204.4	0.2	0.0	0.0	650	26-Apr
PX04	85	117	12.50	22.5	10.2	0.0	0.00	128.8	7.5	0.0	0.0	650	27-Apr
PX04	85	118	21.50	22.8	12.2	3.0	0.00	86.8	9.8	0.0	0.0	650	28-Apr
PX04	85	119	29.20	30.3	10.1	0.0	0.00	87.8	8.6	0.0	0.0	650	29-Apr
PX04	85	120	27.80	37.5	15.4	0.0	0.00	88.5	9.7	0.0	0.0	650	30-Apr
PX04	85	121	27.80	40.4	19.6	0.0	0.00	141.0	8.4	0.0	0.0	650	01-May
PX04	85	122	27.30	39.5	21.1	0.0	0.00	115.7	9.3	0.0	0.0	650	02-May
PX04	85	123	28.80	40.2	23.2	23.4	0.00	123.3	7.4	0.0	0.0	650	03-May
PX04	85	124	30.50	39.0	20.2	0.0	0.00	148.3	4.1	0.0	0.0	650	04-May
PX04	85	125	25.10	37.3	17.5	0.0	0.00	118.0	1.7	0.0	0.0	650	05-May
PX04	85	126	30.60	37.8	17.0	0.0	0.00	118.9	1.5	0.0	0.0	650	06-May
PX04	85	127	22.90	37.1	16.0	0.0	0.00	59.5	1.1	0.0	0.0	650	07-May
PX04	85	128	28.00	40.4	16.9	0.0	0.00	75.3	3.0	0.0	0.0	650	08-May
PX04	85	129	19.70	39.8	21.5	0.0	0.00	178.3	5.6	0.0	0.0	650	09-May
PX04	85	130	31.70	29.4	19.4	0.0	0.00	236.4	4.1	0.0	0.0	650	10-May
PX04	85	131	30.90	31.7	13.8	0.0	0.00	100.8	3.4	0.0	0.0	650	11-May
PX04	85	132	31.10	31.9	14.7	0.0	0.00	89.9	4.1	0.0	0.0	650	12-May
PX04	85	133	31.40	35.4	14.9	0.0	0.00	73.5	2.9	0.0	0.0	650	13-May
PX04	85	134	31.80	36.9	15.1	0.0	0.00	63.6	-2.7	0.0	0.0	650	14-May
PX04	85	135	27.40	39.8	16.4	0.0	0.00	133.5	0.4	0.0	0.0	650	15-May
PX04	85	136	20.10	37.3	24.7	0.0	0.00	145.7	5.3	0.0	0.0	650	16-May
PX04	85	137	31.00	40.0	21.4	0.0	0.00	96.6	8.8	0.0	0.0	650	17-May
PX04	85	138	31.40	40.6	21.8	0.0	0.00	147.2	7.5	0.0	0.0	650	18-May
PX04	85	139	32.30	38.1	19.8	0.0	0.00	179.5	3.2	0.0	0.0	650	19-May

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX04	85	140	31.80	38.4	19.9	0.0	0.00	179.7	5.1	0.0	0.0	650	20-May
PX04	85	141	31.50	37.0	20.1	0.0	0.00	133.5	7.4	0.0	0.0	650	21-May
PX04	85	142	30.50	40.1	18.3	0.0	0.00	110.3	7.7	0.0	0.0	650	22-May
PX04	85	143	22.70	39.4	20.3	0.0	0.00	122.7	8.2	0.0	0.0	650	23-May
PX04	85	144	28.90	41.6	20.4	0.0	0.00	156.4	9.0	0.0	0.0	650	24-May
PX04	85	145	32.10	40.7	20.9	0.0	0.00	172.2	7.8	0.0	0.0	650	25-May
PX04	85	146	32.40	40.3	19.1	0.0	0.00	179.1	6.1	0.0	0.0	650	26-May
PX04	85	147	31.60	39.7	21.1	0.0	0.00	142.1	5.4	0.0	0.0	650	27-May
PX04	85	148	32.40	41.2	19.2	0.0	0.00	109.7	6.5	0.0	0.0	650	28-May
PX04	85	149	26.90	40.0	23.7	0.0	0.00	89.5	9.7	0.0	0.0	650	29-May
PX04	85	150	20.00	36.4	24.5	0.0	0.00	88.1	12.0	0.0	0.0	650	30-May
PX04	85	151	32.60	37.1	20.5	0.0	0.00	182.4	8.2	0.0	0.0	650	31-May
PX04	85	152	31.70	35.5	18.0	0.0	0.00	100.8	5.4	0.0	0.0	650	01-Jun
PX04	85	153	32.00	37.7	18.2	0.0	0.00	137.8	4.1	0.0	0.0	650	02-Jun
PX04	85	154	31.30	34.6	19.5	0.0	0.00	149.8	5.6	0.0	0.0	650	03-Jun
PX04	85	155	31.70	36.8	16.3	0.0	0.00	118.9	5.8	0.0	0.0	650	04-Jun
PX04	85	156	31.30	39.8	20.3	0.0	0.00	121.9	8.5	0.0	0.0	650	05-Jun
PX04	85	157	30.90	44.8	21.5	0.0	0.00	96.6	9.0	0.0	0.0	650	06-Jun
PX04	85	158	25.90	47.9	23.9	0.0	0.00	86.8	9.7	0.0	0.0	650	07-Jun
PX04	85	159	31.50	45.4	24.9	0.0	0.00	195.8	10.5	0.0	0.0	650	08-Jun
PX04	85	160	31.30	46.2	23.9	0.0	0.00	179.0	9.5	0.0	0.0	650	09-Jun
PX04	85	161	32.10	44.1	24.1	0.0	0.00	224.1	9.9	0.0	0.0	650	10-Jun
PX04	85	162	31.30	42.7	24.2	0.0	0.00	199.9	10.9	0.0	0.0	650	11-Jun
PX04	85	163	31.10	44.8	25.2	0.0	0.00	222.0	11.4	0.0	0.0	650	12-Jun
PX04	85	164	31.50	45.0	25.0	0.0	0.00	201.4	8.0	0.0	0.0	650	13-Jun
PX04	85	165	30.40	42.7	23.8	0.0	0.00	167.3	8.9	0.0	0.0	650	14-Jun
PX04	85	166	32.00	43.9	21.1	0.0	0.00	90.5	8.4	0.0	0.0	650	15-Jun
PX04	85	167	32.00	44.7	22.6	0.0	0.00	87.3	8.4	0.0	0.0	650	16-Jun
PX04	85	168	31.70	44.3	23.6	0.0	0.00	85.1	7.8	0.0	0.0	650	17-Jun
PX04	85	169	31.30	45.9	23.2	0.0	0.00	116.3	9.2	0.0	0.0	650	18-Jun
PX04	85	170	27.10	44.4	26.0	0.0	0.00	91.6	11.9	0.0	0.0	650	19-Jun
PX04	85	171	30.10	42.8	28.0	0.0	0.00	118.6	14.9	0.0	0.0	650	20-Jun
PX04	85	172	31.10	39.1	24.6	0.0	0.00	100.7	12.0	0.0	0.0	650	21-Jun
PX04	85	173	27.70	39.6	22.5	0.0	0.00	136.2	13.4	0.0	0.0	650	22-Jun
PX04	85	174	21.10	39.1	24.7	0.0	0.00	71.4	14.3	0.0	0.0	650	23-Jun
PX04	85	175	12.90	36.6	27.0	0.0	0.00	126.3	13.2	0.0	0.0	650	24-Jun
PX04	85	176	31.20	37.1	21.5	0.0	0.00	97.5	11.0	0.0	0.0	650	25-Jun
PX04	85	177	32.60	39.9	22.3	0.0	0.00	103.2	6.2	0.0	0.0	650	26-Jun
PX04	85	178	32.10	43.4	18.7	0.0	0.00	62.1	5.1	0.0	0.0	650	27-Jun
PX04	85	179	31.80	40.8	20.5	0.0	0.00	91.1	9.3	0.0	0.0	650	28-Jun
PX04	85	180	28.80	40.8	22.0	0.0	0.00	118.9	9.5	0.0	0.0	650	29-Jun
PX04	85	181	30.70	42.4	22.0	0.0	0.00	105.3	9.8	0.0	0.0	650	30-Jun
PX04	85	182	30.50	43.8	22.7	0.0	0.00	141.0	9.2	0.0	0.0	650	01-Jul
PX04	85	183	31.60	45.0	24.7	0.0	0.00	146.3	8.0	0.0	0.0	650	02-Jul
PX04	85	184	30.98	42.9	26.2	0.0	0.00	81.4	10.9	0.0	0.0	650	03-Jul
PX04	85	185	30.49	38.8	26.8	0.0	0.00	96.5	13.0	0.0	0.0	650	04-Jul
PX04	85	186	29.52	40.7	27.4	0.0	0.00	111.4	15.8	0.0	0.0	650	05-Jul
PX04	85	187	29.40	38.2	24.6	0.0	0.00	125.6	19.9	0.0	0.0	650	06-Jul
PX04	85	188	28.20	39.0	25.2	0.0	0.00	136.1	18.8	0.0	0.0	650	07-Jul
PX04	85	189	26.30	44.2	25.7	0.0	0.00	142.8	17.6	0.0	0.0	650	08-Jul
PX04	85	190	29.40	40.4	30.7	0.0	0.00	146.2	18.1	0.0	0.0	650	09-Jul
PX04	85	191	29.70	41.6	28.2	0.0	0.00	133.1	17.5	0.0	0.0	650	10-Jul

INSTW	IYR	SOLRAD		XTMIN		XRAIN	XPAR	WIND	DEWPT	STMAX	STMIN	CO2	A00
	JUL		XTMAX										
PX04	85	192	29.30	41.7	28.0	0.0	0.00	107.4	18.0	0.0	0.0	650	11-Jul
PX04	85	193	28.40	40.9	28.5	0.0	0.00	110.2	17.7	0.0	0.0	650	12-Jul
PX04	85	194	22.80	40.2	26.5	0.0	0.00	123.7	17.8	0.0	0.0	650	13-Jul
PX04	85	195	27.70	40.9	29.8	0.0	0.00	147.6	18.1	0.0	0.0	650	14-Jul
PX04	85	196	29.20	39.3	28.1	23.0	0.00	185.1	19.5	0.0	0.0	650	15-Jul
PX04	85	197	26.20	34.4	23.1	0.0	0.00	97.8	23.5	0.0	0.0	650	16-Jul
PX04	85	198	30.30	37.8	26.1	0.0	0.00	168.8	21.7	0.0	0.0	650	17-Jul
PX04	85	199	18.30	31.1	23.4	5.0	0.00	110.3	22.6	0.0	0.0	650	18-Jul
PX04	85	200	19.20	32.9	25.1	0.0	0.00	129.1	22.0	0.0	0.0	650	19-Jul
PX04	85	201	28.80	35.6	26.1	0.0	0.00	91.9	22.0	0.0	0.0	650	20-Jul
PX04	85	202	30.80	37.0	26.1	0.0	0.00	127.3	20.8	0.0	0.0	650	21-Jul
PX04	85	203	30.80	37.9	27.3	0.0	0.00	133.5	19.3	0.0	0.0	650	22-Jul
PX04	85	204	31.20	38.4	25.1	0.0	0.00	107.5	18.7	0.0	0.0	650	23-Jul
PX04	85	205	30.39	39.7	25.3	0.0	0.00	89.8	10.9	0.0	0.0	650	24-Jul
PX04	85	206	30.80	40.4	24.9	0.0	0.00	135.7	12.2	0.0	0.0	650	25-Jul
PX04	85	207	30.60	38.1	22.4	0.0	0.00	125.5	16.4	0.0	0.0	650	26-Jul
PX04	85	208	22.00	37.5	29.3	0.0	0.00	235.4	17.2	0.0	0.0	650	27-Jul
PX04	85	209	25.60	36.6	28.1	0.0	0.00	171.5	20.2	0.0	0.0	650	28-Jul
PX04	85	210	25.70	37.4	27.7	0.0	0.00	123.4	21.0	0.0	0.0	650	29-Jul
PX04	85	211	30.00	40.1	27.8	0.0	0.00	114.3	20.6	0.0	0.0	650	30-Jul
PX04	85	212	29.90	42.8	26.8	0.0	0.00	117.6	16.1	0.0	0.0	650	31-Jul
PX04	85	213	18.60	38.0	27.6	0.0	0.00	167.2	19.8	0.0	0.0	650	01-Aug
PX04	85	214	24.80	36.7	26.4	0.0	0.00	145.1	21.5	0.0	0.0	650	02-Aug
PX04	85	215	28.50	37.1	25.5	0.0	0.00	86.6	22.0	0.0	0.0	650	03-Aug
PX04	85	216	29.60	37.7	26.7	0.0	0.00	116.4	19.8	0.0	0.0	650	04-Aug
PX04	85	217	28.50	38.4	24.6	0.0	0.00	108.4	15.8	0.0	0.0	650	05-Aug
PX04	85	218	28.80	38.4	23.5	0.0	0.00	110.5	18.4	0.0	0.0	650	06-Aug
PX04	85	219	26.50	37.6	28.3	0.0	0.00	139.5	19.9	0.0	0.0	650	07-Aug
PX04	85	220	28.50	34.7	26.3	0.0	0.00	110.9	19.5	0.0	0.0	650	08-Aug
PX04	85	221	29.50	37.7	22.1	0.0	0.00	121.6	17.8	0.0	0.0	650	09-Aug
PX04	85	222	29.00	38.3	24.0	0.0	0.00	160.3	17.0	0.0	0.0	650	10-Aug
PX04	85	223	26.80	37.8	28.0	0.0	0.00	197.5	20.1	0.0	0.0	650	11-Aug
PX04	85	224	29.40	37.9	24.4	0.0	0.00	168.4	14.9	0.0	0.0	650	12-Aug
PX04	85	225	29.40	40.1	22.5	0.0	0.00	178.5	13.2	0.0	0.0	650	13-Aug
PX04	85	226	30.10	41.7	20.1	0.0	0.00	176.8	9.2	0.0	0.0	650	14-Aug
PX04	85	227	29.10	41.9	18.8	0.0	0.00	174.9	8.6	0.0	0.0	650	15-Aug
PX04	85	228	28.50	39.5	20.2	0.0	0.00	189.7	12.6	0.0	0.0	650	16-Aug
PX04	85	229	19.30	37.6	24.3	0.0	0.00	191.4	15.3	0.0	0.0	650	17-Aug
PX04	85	230	27.20	40.1	25.4	0.0	0.00	210.5	17.3	0.0	0.0	650	18-Aug
PX04	85	231	27.40	40.8	27.0	0.0	0.00	228.7	18.7	0.0	0.0	650	19-Aug
PX04	85	232	20.20	34.3	23.1	21.0	0.00	112.9	22.8	0.0	0.0	650	20-Aug
PX04	85	233	27.30	38.3	24.6	0.0	0.00	65.3	22.6	0.0	0.0	650	21-Aug
PX04	85	234	26.90	42.4	25.6	0.0	0.00	61.9	20.6	0.0	0.0	650	22-Aug
PX04	85	235	27.80	41.8	24.1	0.0	0.00	75.1	19.2	0.0	0.0	650	23-Aug
PX04	85	236	24.10	42.9	25.2	0.0	0.00	128.9	17.3	0.0	0.0	650	24-Aug
PX04	85	237	22.20	42.9	28.9	0.0	0.00	162.1	18.5	0.0	0.0	650	25-Aug
PX04	85	238	25.00	41.3	28.7	0.0	0.00	201.6	18.9	0.0	0.0	650	26-Aug
PX04	85	239	24.80	43.4	28.3	0.0	0.00	196.6	20.5	0.0	0.0	650	27-Aug
PX04	85	240	26.20	45.0	26.3	0.0	0.00	175.3	19.0	0.0	0.0	650	28-Aug
PX04	85	241	25.80	46.2	28.7	0.0	0.00	173.0	18.0	0.0	0.0	650	29-Aug
PX04	85	242	26.60	43.7	27.5	0.0	0.00	222.5	18.5	0.0	0.0	650	30-Aug
PX04	85	243	26.10	40.5	26.6	6.0	0.00	227.0	19.9	0.0	0.0	650	31-Aug

INSTW	IYR	SOLRAD		XTMIN		XRAIN	XPAR	DEWPT		STMIN		A00	
	JUL		XTMAX				WIND	STMAX	CO2				
PX04	85	244	23.40	36.6	24.6	0.0	0.00	96.8	21.4	0.0	0.0	650	01-Sep
PX04	85	245	25.20	39.9	24.7	0.0	0.00	114.9	19.2	0.0	0.0	650	02-Sep
PX04	85	246	23.60	40.2	25.6	0.0	0.00	160.4	14.9	0.0	0.0	650	03-Sep
PX04	85	247	21.60	36.9	22.4	0.0	0.00	176.5	11.8	0.0	0.0	650	04-Sep
PX04	85	248	23.40	34.6	18.8	0.0	0.00	98.3	11.1	0.0	0.0	650	05-Sep
PX04	85	249	19.40	33.4	19.1	0.0	0.00	132.7	13.8	0.0	0.0	650	06-Sep
PX04	85	250	26.10	34.5	19.1	0.0	0.00	101.3	13.3	0.0	0.0	650	07-Sep
PX04	85	251	24.90	36.4	18.6	0.0	0.00	115.3	11.1	0.0	0.0	650	08-Sep
PX04	85	252	16.00	33.1	20.2	0.0	0.00	78.9	11.0	0.0	0.0	650	09-Sep
PX04	85	253	13.80	34.5	21.5	0.0	0.00	83.2	12.2	0.0	0.0	650	10-Sep
PX04	85	254	24.10	33.3	16.7	0.0	0.00	189.4	12.5	0.0	0.0	650	11-Sep
PX04	85	255	25.10	35.7	12.6	0.0	0.00	54.0	5.4	0.0	0.0	650	12-Sep
PX04	85	256	24.80	38.2	13.7	0.0	0.00	77.7	8.8	0.0	0.0	650	13-Sep
PX04	85	257	22.40	47.1	20.3	0.0	0.00	73.5	13.1	0.0	0.0	650	14-Sep
PX04	85	258	17.00	39.8	24.2	0.0	0.00	107.0	16.3	0.0	0.0	650	15-Sep
PX04	85	259	16.50	40.9	21.8	0.0	0.00	91.6	12.1	0.0	0.0	650	16-Sep
PX04	85	260	24.10	40.2	21.6	0.0	0.00	150.9	12.2	0.0	0.0	650	17-Sep
PX04	85	261	11.90	27.5	19.1	17.0	0.00	145.6	13.1	0.0	0.0	650	18-Sep
PX04	85	262	23.60	30.4	15.6	1.0	0.00	99.1	14.1	0.0	0.0	650	19-Sep
PX04	85	263	23.30	30.9	14.6	0.0	0.00	57.6	13.3	0.0	0.0	650	20-Sep
PX04	85	264	23.60	32.9	14.9	0.0	0.00	48.5	13.1	0.0	0.0	650	21-Sep
PX04	85	265	23.50	34.5	16.9	0.0	0.00	101.0	12.9	0.0	0.0	650	22-Sep
PX04	85	266	19.50	35.7	17.6	0.0	0.00	75.0	12.7	0.0	0.0	650	23-Sep
PX04	85	267	22.90	38.2	16.7	0.0	0.00	72.3	11.4	0.0	0.0	650	24-Sep
PX04	85	268	21.20	37.3	17.6	0.0	0.00	89.7	12.0	0.0	0.0	650	25-Sep
PX04	85	269	21.80	38.3	18.5	5.0	0.00	108.8	12.9	0.0	0.0	650	26-Sep
PX04	85	270	18.50	33.5	20.1	1.0	0.00	169.8	15.9	0.0	0.0	650	27-Sep
PX04	85	271	15.00	29.9	20.3	0.0	0.00	170.0	16.3	0.0	0.0	650	28-Sep
PX04	85	272	21.90	32.3	16.3	0.0	0.00	73.8	15.0	0.0	0.0	650	29-Sep
PX04	85	273	16.90	33.3	18.4	0.0	0.00	60.2	13.4	0.0	0.0	650	30-Sep
PX04	85	274	20.90	34.7	15.9	0.0	0.00	60.5	11.5	0.0	0.0	650	01-Oct
PX04	85	275	20.80	34.4	18.4	0.0	0.00	76.1	13.0	0.0	0.0	650	02-Oct



options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC     ↓     CO2YR WINDYR  
 PX15 33.40 112.00 2.30 0 1 1 0 1 650 0.0

	IYR	SOLRAD		XTMIN	XPAR	DEWPT	STMIN	A00					
<u>INSTW</u>	<u>JUL</u>	<u>XTMAX</u>	<u>XRAIN</u>	<u>WIND</u>	<u>STMAX</u>	<u>CO2</u>							
PX15	85	94	26.21	32.0	12.2	0.0	0.00	164.2	2.1	0.0	0.0	350	04-Apr
PX15	85	95	26.37	29.1	11.0	0.0	0.00	276.5	1.3	0.0	0.0	350	05-Apr
PX15	85	96	25.00	30.6	12.4	0.0	0.00	164.2	-3.3	0.0	0.0	350	06-Apr
PX15	85	97	27.14	34.6	13.8	0.0	0.00	276.5	-5.0	0.0	0.0	350	07-Apr
PX15	85	98	24.85	35.7	15.1	0.0	0.00	164.2	-6.0	0.0	0.0	350	08-Apr
PX15	85	99	26.51	33.5	17.2	0.0	0.00	236.5	-1.2	0.0	0.0	350	09-Apr
PX15	85	100	26.91	33.2	17.4	0.0	0.00	150.6	3.2	0.0	0.0	350	10-Apr
PX15	85	101	27.91	34.3	13.5	0.0	0.00	152.3	6.1	0.0	0.0	650	11-Apr
PX15	85	102	27.79	34.8	12.9	0.0	0.00	141.9	6.4	0.0	0.0	650	12-Apr
PX15	85	103	25.67	33.2	13.1	0.0	0.00	131.4	5.9	0.0	0.0	650	13-Apr
PX15	85	104	24.98	24.8	12.4	0.0	0.00	160.9	2.5	0.0	0.0	650	14-Apr
PX15	85	105	24.60	30.2	11.9	0.0	0.00	178.8	0.2	0.0	0.0	650	15-Apr
PX15	85	106	23.42	39.0	17.6	0.0	0.00	164.2	-0.0	0.0	0.0	650	16-Apr
PX15	85	107	24.54	36.2	21.8	0.0	0.00	276.5	1.1	0.0	0.0	650	17-Apr
PX15	85	108	25.31	25.5	12.8	0.0	0.00	250.6	1.7	0.0	0.0	650	18-Apr
PX15	85	109	28.01	29.4	10.6	0.0	0.00	112.3	4.5	0.0	0.0	650	19-Apr
PX15	85	110	21.55	29.7	12.8	0.0	0.00	241.9	3.0	0.0	0.0	650	20-Apr
PX15	85	111	12.79	24.5	15.6	0.0	0.00	181.4	2.1	0.0	0.0	650	21-Apr
PX15	85	112	27.99	27.6	11.2	0.0	0.00	120.9	2.9	0.0	0.0	650	22-Apr
PX15	85	113	29.60	32.6	15.3	0.0	0.00	78.8	3.6	0.0	0.0	650	23-Apr
PX15	85	114	29.00	35.4	14.5	0.0	0.00	105.4	2.5	0.0	0.0	650	24-Apr
PX15	85	115	29.60	31.2	17.4	0.0	0.00	228.7	1.3	0.0	0.0	650	25-Apr
PX15	85	116	22.60	21.4	12.3	0.0	0.00	204.4	1.7	0.0	0.0	650	26-Apr
PX15	85	117	12.50	22.1	10.9	0.0	0.00	128.8	6.2	0.0	0.0	650	27-Apr
PX15	85	118	21.50	23.2	11.9	3.0	0.00	86.8	9.8	0.0	0.0	650	28-Apr
PX15	85	119	29.20	30.6	11.0	0.0	0.00	87.8	10.7	0.0	0.0	650	29-Apr
PX15	85	120	27.80	38.1	16.3	0.0	0.00	88.5	9.7	0.0	0.0	650	30-Apr
PX15	85	121	27.80	39.8	20.3	0.0	0.00	141.0	8.8	0.0	0.0	650	01-May
PX15	85	122	27.30	39.4	22.1	0.0	0.00	115.7	10.0	0.0	0.0	650	02-May
PX15	85	123	28.80	40.1	23.5	23.4	0.00	123.3	8.8	0.0	0.0	650	03-May
PX15	85	124	30.50	38.7	20.5	0.0	0.00	148.3	6.4	0.0	0.0	650	04-May
PX15	85	125	25.10	37.0	18.1	0.0	0.00	118.0	5.0	0.0	0.0	650	05-May
PX15	85	126	30.60	37.3	17.7	0.0	0.00	118.9	5.4	0.0	0.0	650	06-May
PX15	85	127	22.90	36.9	17.5	0.0	0.00	59.5	6.1	0.0	0.0	650	07-May
PX15	85	128	28.00	39.9	17.6	0.0	0.00	75.3	5.0	0.0	0.0	650	08-May
PX15	85	129	19.70	39.4	22.1	0.0	0.00	178.3	4.5	0.0	0.0	650	09-May
PX15	85	130	31.70	28.8	19.3	0.0	0.00	236.4	3.4	0.0	0.0	650	10-May
PX15	85	131	30.90	31.2	14.2	0.0	0.00	100.8	2.7	0.0	0.0	650	11-May
PX15	85	132	31.10	32.1	14.8	0.0	0.00	89.9	3.4	0.0	0.0	650	12-May
PX15	85	133	31.40	35.1	15.5	0.0	0.00	73.5	3.6	0.0	0.0	650	13-May
PX15	85	134	31.80	36.6	16.0	0.0	0.00	63.6	-3.3	0.0	0.0	650	14-May
PX15	85	135	27.40	39.6	17.5	0.0	0.00	133.5	-0.0	0.0	0.0	650	15-May
PX15	85	136	20.10	37.3	25.1	0.0	0.00	145.7	5.0	0.0	0.0	650	16-May
PX15	85	137	31.00	39.6	21.6	0.0	0.00	96.6	8.2	0.0	0.0	650	17-May
PX15	85	138	31.40	40.7	22.1	0.0	0.00	147.2	7.0	0.0	0.0	650	18-May
PX15	85	139	32.30	37.7	20.7	0.0	0.00	179.5	2.7	0.0	0.0	650	19-May

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
<u>INSTW</u>	<u>JUL</u>		<u>XTMAX</u>		<u>XRAIN</u>		<u>WIND</u>		<u>STMAX</u>		<u>CO2</u>		
PX15	85	140	31.80	38.2	20.2	0.0	0.00	179.7	4.8	0.0	0.0	650	20-May
PX15	85	141	31.50	37.1	20.5	0.0	0.00	133.5	7.4	0.0	0.0	650	21-May
PX15	85	142	30.50	40.0	19.2	0.0	0.00	110.3	9.5	0.0	0.0	650	22-May
PX15	85	143	22.70	39.2	20.4	0.0	0.00	122.7	11.6	0.0	0.0	650	23-May
PX15	85	144	28.90	41.3	21.3	0.0	0.00	156.4	9.0	0.0	0.0	650	24-May
PX15	85	145	32.10	39.8	21.9	0.0	0.00	172.2	8.4	0.0	0.0	650	25-May
PX15	85	146	32.40	39.6	19.8	0.0	0.00	179.1	7.3	0.0	0.0	650	26-May
PX15	85	147	31.60	39.4	21.6	0.0	0.00	142.1	7.5	0.0	0.0	650	27-May
PX15	85	148	32.40	40.7	20.3	0.0	0.00	109.7	8.4	0.0	0.0	650	28-May
PX15	85	149	26.90	40.0	23.7	0.0	0.00	89.5	10.1	0.0	0.0	650	29-May
PX15	85	150	20.00	36.4	24.5	0.0	0.00	88.1	12.1	0.0	0.0	650	30-May
PX15	85	151	32.60	36.7	20.9	0.0	0.00	182.4	8.4	0.0	0.0	650	31-May
PX15	85	152	31.70	35.2	18.7	0.0	0.00	100.8	5.6	0.0	0.0	650	01-Jun
PX15	85	153	32.00	37.2	19.0	0.0	0.00	137.8	4.5	0.0	0.0	650	02-Jun
PX15	85	154	31.30	34.3	19.7	0.0	0.00	149.8	5.9	0.0	0.0	650	03-Jun
PX15	85	155	31.70	36.5	16.8	0.0	0.00	118.9	6.2	0.0	0.0	650	04-Jun
PX15	85	156	31.30	39.4	20.8	0.0	0.00	121.9	9.0	0.0	0.0	650	05-Jun
PX15	85	157	30.90	44.1	21.9	0.0	0.00	96.6	9.5	0.0	0.0	650	06-Jun
PX15	85	158	25.90	47.6	24.8	0.0	0.00	86.8	9.9	0.0	0.0	650	07-Jun
PX15	85	159	31.50	44.9	25.6	0.0	0.00	195.8	11.0	0.0	0.0	650	08-Jun
PX15	85	160	31.30	45.3	24.7	0.0	0.00	179.0	10.4	0.0	0.0	650	09-Jun
PX15	85	161	32.10	43.3	25.2	0.0	0.00	224.1	11.0	0.0	0.0	650	10-Jun
PX15	85	162	31.30	41.7	25.0	0.0	0.00	199.9	12.1	0.0	0.0	650	11-Jun
PX15	85	163	31.10	43.9	26.2	0.0	0.00	222.0	12.3	0.0	0.0	650	12-Jun
PX15	85	164	31.50	44.1	26.1	0.0	0.00	201.4	10.3	0.0	0.0	650	13-Jun
PX15	85	165	30.40	42.2	24.3	0.0	0.00	167.3	9.7	0.0	0.0	650	14-Jun
PX15	85	166	32.00	43.6	22.8	0.0	0.00	90.5	9.4	0.0	0.0	650	15-Jun
PX15	85	167	32.00	44.5	23.9	0.0	0.00	87.3	9.5	0.0	0.0	650	16-Jun
PX15	85	168	31.70	45.0	23.7	0.0	0.00	85.1	8.1	0.0	0.0	650	17-Jun
PX15	85	169	31.30	45.5	24.4	0.0	0.00	116.3	8.0	0.0	0.0	650	18-Jun
PX15	85	170	27.10	43.8	26.3	0.0	0.00	91.6	11.0	0.0	0.0	650	19-Jun
PX15	85	171	30.10	42.3	28.4	0.0	0.00	118.6	14.1	0.0	0.0	650	20-Jun
PX15	85	172	31.10	38.6	25.2	0.0	0.00	100.7	11.0	0.0	0.0	650	21-Jun
PX15	85	173	27.70	39.4	23.9	0.0	0.00	136.2	12.2	0.0	0.0	650	22-Jun
PX15	85	174	21.10	40.0	25.5	0.0	0.00	71.4	13.1	0.0	0.0	650	23-Jun
PX15	85	175	12.90	36.8	27.5	0.0	0.00	126.3	12.1	0.0	0.0	650	24-Jun
PX15	85	176	31.20	36.7	21.7	0.0	0.00	97.5	9.8	0.0	0.0	650	25-Jun
PX15	85	177	32.60	39.5	22.9	0.0	0.00	103.2	6.1	0.0	0.0	650	26-Jun
PX15	85	178	32.10	43.2	18.9	0.0	0.00	62.1	5.8	0.0	0.0	650	27-Jun
PX15	85	179	31.80	40.9	22.3	0.0	0.00	91.1	8.9	0.0	0.0	650	28-Jun
PX15	85	180	28.80	40.8	23.3	0.0	0.00	118.9	9.7	0.0	0.0	650	29-Jun
PX15	85	181	30.70	41.7	22.9	0.0	0.00	105.3	10.6	0.0	0.0	650	30-Jun
PX15	85	182	30.50	43.9	23.2	0.0	0.00	141.0	9.8	0.0	0.0	650	01-Jul
PX15	85	183	31.60	44.3	24.9	0.0	0.00	146.3	8.6	0.0	0.0	650	02-Jul
PX15	85	184	30.98	42.9	26.2	0.0	0.00	81.4	10.3	0.0	0.0	650	03-Jul
PX15	85	185	30.49	38.8	26.8	0.0	0.00	96.5	13.1	0.0	0.0	650	04-Jul
PX15	85	186	29.52	40.7	27.4	0.0	0.00	111.4	15.4	0.0	0.0	650	05-Jul
PX15	85	187	29.40	39.0	26.7	0.0	0.00	125.6	19.7	0.0	0.0	650	06-Jul
PX15	85	188	28.20	41.6	28.1	0.0	0.00	136.1	18.6	0.0	0.0	650	07-Jul
PX15	85	189	26.30	42.6	29.2	0.0	0.00	142.8	18.0	0.0	0.0	650	08-Jul
PX15	85	190	29.40	39.8	31.2	0.0	0.00	146.2	18.9	0.0	0.0	650	09-Jul
PX15	85	191	29.70	40.4	28.4	0.0	0.00	133.1	18.4	0.0	0.0	650	10-Jul

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX15	85	192	29.30	41.4	28.2	0.0	0.00	107.4	18.7	0.0	0.0	650	11-Jul
PX15	85	193	28.40	42.3	29.9	0.0	0.00	110.2	17.2	0.0	0.0	650	12-Jul
PX15	85	194	22.80	40.8	27.8	0.0	0.00	123.7	17.7	0.0	0.0	650	13-Jul
PX15	85	195	27.70	40.0	30.6	0.0	0.00	147.6	19.0	0.0	0.0	650	14-Jul
PX15	85	196	29.20	40.7	27.9	23.0	0.00	185.1	21.7	0.0	0.0	650	15-Jul
PX15	85	197	26.20	35.4	23.1	0.0	0.00	97.8	23.9	0.0	0.0	650	16-Jul
PX15	85	198	30.30	37.0	26.6	0.0	0.00	168.8	22.3	0.0	0.0	650	17-Jul
PX15	85	199	18.30	30.8	23.3	5.0	0.00	110.3	22.8	0.0	0.0	650	18-Jul
PX15	85	200	19.20	33.3	25.0	0.0	0.00	129.1	22.2	0.0	0.0	650	19-Jul
PX15	85	201	28.80	36.4	24.5	0.0	0.00	91.9	22.2	0.0	0.0	650	20-Jul
PX15	85	202	30.80	37.0	25.8	0.0	0.00	127.3	21.2	0.0	0.0	650	21-Jul
PX15	85	203	30.80	37.7	27.7	0.0	0.00	133.5	19.3	0.0	0.0	650	22-Jul
PX15	85	204	31.20	38.1	25.5	0.0	0.00	107.5	18.5	0.0	0.0	650	23-Jul
PX15	85	205	30.39	39.7	25.3	0.0	0.00	89.8	10.9	0.0	0.0	650	24-Jul
PX15	85	206	30.80	38.1	23.3	0.0	0.00	135.7	13.9	0.0	0.0	650	25-Jul
PX15	85	207	30.60	38.3	22.6	0.0	0.00	125.5	17.2	0.0	0.0	650	26-Jul
PX15	85	208	22.00	38.3	29.9	0.0	0.00	235.4	17.6	0.0	0.0	650	27-Jul
PX15	85	209	25.60	36.2	28.0	0.0	0.00	171.5	20.6	0.0	0.0	650	28-Jul
PX15	85	210	25.70	37.5	27.7	0.0	0.00	123.4	21.5	0.0	0.0	650	29-Jul
PX15	85	211	30.00	39.5	27.9	0.0	0.00	114.3	20.9	0.0	0.0	650	30-Jul
PX15	85	212	29.90	41.2	26.7	0.0	0.00	117.6	18.0	0.0	0.0	650	31-Jul
PX15	85	213	18.60	36.5	27.9	0.0	0.00	167.2	21.2	0.0	0.0	650	01-Aug
PX15	85	214	24.80	36.1	26.6	0.0	0.00	145.1	22.5	0.0	0.0	650	02-Aug
PX15	85	215	28.50	37.0	26.3	0.0	0.00	86.6	23.1	0.0	0.0	650	03-Aug
PX15	85	216	29.60	38.1	27.3	0.0	0.00	116.4	21.3	0.0	0.0	650	04-Aug
PX15	85	217	28.50	39.2	24.6	0.0	0.00	108.4	18.5	0.0	0.0	650	05-Aug
PX15	85	218	28.80	38.3	23.7	0.0	0.00	110.5	18.7	0.0	0.0	650	06-Aug
PX15	85	219	26.50	37.1	28.2	0.0	0.00	139.5	19.9	0.0	0.0	650	07-Aug
PX15	85	220	28.50	39.6	26.6	0.0	0.00	110.9	20.0	0.0	0.0	650	08-Aug
PX15	85	221	29.50	37.7	24.9	0.0	0.00	121.6	18.0	0.0	0.0	650	09-Aug
PX15	85	222	29.00	37.4	24.7	0.0	0.00	160.3	16.8	0.0	0.0	650	10-Aug
PX15	85	223	26.80	37.4	27.7	0.0	0.00	197.5	20.6	0.0	0.0	650	11-Aug
PX15	85	224	29.40	37.1	24.3	0.0	0.00	168.4	15.2	0.0	0.0	650	12-Aug
PX15	85	225	29.40	38.4	22.9	0.0	0.00	178.5	15.0	0.0	0.0	650	13-Aug
PX15	85	226	30.10	40.0	20.5	0.0	0.00	176.8	10.6	0.0	0.0	650	14-Aug
PX15	85	227	29.10	39.8	19.6	0.0	0.00	174.9	9.8	0.0	0.0	650	15-Aug
PX15	85	228	28.50	38.3	21.5	0.0	0.00	189.7	13.1	0.0	0.0	650	16-Aug
PX15	85	229	19.30	37.2	24.3	0.0	0.00	191.4	15.9	0.0	0.0	650	17-Aug
PX15	85	230	27.20	39.0	24.5	0.0	0.00	210.5	18.5	0.0	0.0	650	18-Aug
PX15	85	231	27.40	39.1	26.9	0.0	0.00	228.7	19.2	0.0	0.0	650	19-Aug
PX15	85	232	20.20	34.0	23.2	21.0	0.00	112.9	22.6	0.0	0.0	650	20-Aug
PX15	85	233	27.30	35.8	24.7	0.0	0.00	65.3	23.2	0.0	0.0	650	21-Aug
PX15	85	234	26.90	39.4	22.7	0.0	0.00	61.9	21.9	0.0	0.0	650	22-Aug
PX15	85	235	27.80	38.4	22.4	0.0	0.00	75.1	20.8	0.0	0.0	650	23-Aug
PX15	85	236	24.10	40.8	21.1	0.0	0.00	128.9	19.3	0.0	0.0	650	24-Aug
PX15	85	237	22.20	42.0	27.2	0.0	0.00	162.1	19.4	0.0	0.0	650	25-Aug
PX15	85	238	25.00	39.7	28.4	0.0	0.00	201.6	19.6	0.0	0.0	650	26-Aug
PX15	85	239	24.80	42.2	28.6	0.0	0.00	196.6	21.0	0.0	0.0	650	27-Aug
PX15	85	240	26.20	43.2	26.1	0.0	0.00	175.3	19.9	0.0	0.0	650	28-Aug
PX15	85	241	25.80	44.1	29.3	0.0	0.00	173.0	18.8	0.0	0.0	650	29-Aug
PX15	85	242	26.60	41.5	27.5	0.0	0.00	222.5	19.2	0.0	0.0	650	30-Aug
PX15	85	243	26.10	39.6	27.3	6.0	0.00	227.0	20.2	0.0	0.0	650	31-Aug

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL	XTMAX		XRAIN	WIND	STMAX	CO2						
PX15	85	244	23.40	36.3	24.0	0.0	0.00	96.8	21.5	0.0	0.0	650	01-Sep
PX15	85	245	25.20	38.4	25.8	0.0	0.00	114.9	20.3	0.0	0.0	650	02-Sep
PX15	85	246	23.60	39.2	24.7	0.0	0.00	160.4	17.2	0.0	0.0	650	03-Sep
PX15	85	247	21.60	36.5	22.3	0.0	0.00	176.5	13.8	0.0	0.0	650	04-Sep
PX15	85	248	23.40	34.3	19.1	0.0	0.00	98.3	13.1	0.0	0.0	650	05-Sep
PX15	85	249	19.40	32.8	17.4	0.0	0.00	132.7	16.2	0.0	0.0	650	06-Sep
PX15	85	250	26.10	32.2	14.7	0.0	0.00	101.3	16.9	0.0	0.0	650	07-Sep
PX15	85	251	24.90	35.9	19.5	0.0	0.00	115.3	14.2	0.0	0.0	650	08-Sep
PX15	85	252	16.00	32.8	21.2	0.0	0.00	78.9	12.6	0.0	0.0	650	09-Sep
PX15	85	253	13.80	34.5	22.5	0.0	0.00	83.2	12.9	0.0	0.0	650	10-Sep
PX15	85	254	24.10	33.1	16.7	0.0	0.00	189.4	13.8	0.0	0.0	650	11-Sep
PX15	85	255	25.10	35.8	12.6	0.0	0.00	54.0	7.0	0.0	0.0	650	12-Sep
PX15	85	256	24.80	37.4	14.3	0.0	0.00	77.7	9.9	0.0	0.0	650	13-Sep
PX15	85	257	22.40	47.1	20.3	0.0	0.00	73.5	13.0	0.0	0.0	650	14-Sep
PX15	85	258	17.00	38.9	24.2	0.0	0.00	107.0	17.1	0.0	0.0	650	15-Sep
PX15	85	259	16.50	39.4	23.3	0.0	0.00	91.6	13.5	0.0	0.0	650	16-Sep
PX15	85	260	24.10	39.2	22.2	0.0	0.00	150.9	13.7	0.0	0.0	650	17-Sep
PX15	85	261	11.90	27.4	16.6	17.0	0.00	145.6	16.0	0.0	0.0	650	18-Sep
PX15	85	262	23.60	31.2	15.6	1.0	0.00	99.1	14.6	0.0	0.0	650	19-Sep
PX15	85	263	23.30	30.8	14.9	0.0	0.00	57.6	13.3	0.0	0.0	650	20-Sep
PX15	85	264	23.60	33.5	15.4	0.0	0.00	48.5	13.1	0.0	0.0	650	21-Sep
PX15	85	265	23.50	34.6	17.6	0.0	0.00	101.0	13.5	0.0	0.0	650	22-Sep
PX15	85	266	19.50	35.8	19.1	0.0	0.00	75.0	13.1	0.0	0.0	650	23-Sep
PX15	85	267	22.90	37.3	17.8	0.0	0.00	72.3	12.2	0.0	0.0	650	24-Sep
PX15	85	268	21.20	36.9	18.7	0.0	0.00	89.7	12.6	0.0	0.0	650	25-Sep
PX15	85	269	21.80	37.8	19.4	5.0	0.00	108.8	13.5	0.0	0.0	650	26-Sep
PX15	85	270	18.50	32.9	20.1	1.0	0.00	169.8	16.5	0.0	0.0	650	27-Sep
PX15	85	271	15.00	28.8	20.4	0.0	0.00	170.0	16.4	0.0	0.0	650	28-Sep
PX15	85	272	21.90	32.4	16.6	0.0	0.00	73.8	15.5	0.0	0.0	650	29-Sep
PX15	85	273	16.90	33.0	19.1	0.0	0.00	60.2	14.0	0.0	0.0	650	30-Sep
PX15	85	274	20.90	34.5	15.9	0.0	0.00	60.5	12.2	0.0	0.0	650	01-Oct
PX15	85	275	20.80	34.5	19.6	0.0	0.00	76.1	13.5	0.0	0.0	650	02-Oct

FILENAME: AVONDALE.CT2

SOIL PROFILE PROPERTIES FOR AVONDALE LOAM  
(ALL PLOTS EXCEPT LYSIMETERS & GRAVEL LAYER)

IDUMSL	PEDON	TAXON										
01	-9	AVONDALE LOAM (FINE-LOAMY, MIXED (CALCAREOUS), HYPERTHERMIC.										
SALB	U	SWCON	CN2	TAV	AMP	DMOD	SWCON1	SWCON2	SWCON3	RWUMX	PHFAC3	
0.14	12.00	0.32	80.00	21.8	22.2	1.0	2.67E-03	58.0	6.68	0.03	1.00	

DLAYR	LL	DUL	SAT	DSW	WR	BD	OC	DNH4	DNO3	DPH
5.	0.152	0.272	0.370	0.272	1.000	1.45	0.45	0.0	20.0	7.7
5.	0.153	0.272	0.360	0.272	0.861	1.50	0.45	0.0	20.0	7.7
10.	0.159	0.279	0.360	0.279	0.741	1.52	0.45	0.0	20.0	7.7
10.	0.164	0.285	0.365	0.285	0.607	1.51	0.45	0.0	16.0	7.7
20.	0.164	0.288	0.369	0.288	0.449	1.50	0.30	0.0	13.0	8.0
20.	0.163	0.289	0.372	0.289	0.301	1.48	0.20	0.0	10.0	8.0
30.	0.159	0.285	0.371	0.285	0.183	1.48	0.10	0.0	10.0	8.0
30.	0.172	0.298	0.379	0.298	0.100	1.47	0.00	0.0	10.0	8.0
30.	0.189	0.316	0.390	0.316	0.055	1.46	0.00	0.0	10.0	8.0
30.	0.189	0.316	0.390	0.316	0.030	1.46	0.00	0.0	10.0	8.0

-1.

ROCK	SILT		SCOND		CATEXC	ALPHA	XN	VGTHS	VGTHR
	SAND	CLAY							
0.0	34.6	43.9	21.5	20.0	287.0	3.380	1.184	0.384	0.043
0.0	34.6	43.9	21.5	15.0	287.0	3.380	1.184	0.371	0.042
0.0	31.4	45.9	22.8	10.0	305.0	3.380	1.184	0.366	0.041
0.0	28.1	47.9	24.0	7.0	321.0	3.380	1.184	0.369	0.041
0.0	27.4	47.7	24.9	7.2	333.0	3.380	1.184	0.371	0.042
0.0	29.1	45.7	25.3	7.3	338.0	3.380	1.184	0.376	0.042
0.0	34.4	40.6	25.1	7.3	335.0	3.380	1.184	0.376	0.042
0.0	36.2	35.1	28.8	7.3	385.0	3.380	1.184	0.379	0.042
0.0	29.4	37.5	33.0	7.3	441.0	3.380	1.184	0.381	0.043
0.0	29.4	37.5	33.0	7.3	441.0	3.380	1.184	0.381	0.043

DATAID

AVONDALE LOAM (FINE-LOAMY, MIXED (CALCAREOUS), HYPERTHERMIC.

LYRSOL

1

DIFFO	THETA0	BETA	GLAYR	THETAS	FC	THETAR	AIRDR	ETA	GBD	PSIBUB
0.18E-08	0.145	34.0	0.19E+03	0.45	0.26	0.23	0.03	2.90	1.49	1.00
0.18E-08	0.145	34.0		0.45	0.26	0.23	0.03	2.90	1.49	1.00
0.18E-08	0.145	34.0		0.45	0.26	0.23	0.03	2.90	1.49	1.00

TD	THETA1	BDSLOP	BDRATO	PSISFC
47	0.240	0.00	1.00	33.0

SNAME  
Norfolk silt loam

NCURVE  
7

INRIM GH2OC  
6 0.05

TSTBD TSTIMP  
0.9 0.1  
1.1 5.4  
1.3 16.2  
1.5 36.0  
1.7 62.0  
1.9 93.0

INRIM GH2OC  
6 0.07

TSTBD TSTIMP  
0.9 0.1  
1.1 2.5  
1.3 7.8  
1.5 22.6  
1.7 44.5  
1.9 71.3

INRIM GH2OC  
6 0.09

TSTBD TSTIMP  
0.9 0.1  
1.1 1.0  
1.3 2.3  
1.5 12.8  
1.7 30.4  
1.9 52.6

INRIM GH2OC  
6 0.11

TSTBD TSTIMP  
0.9 0.1  
1.1 0.9  
1.3 1.7  
1.5 7.5  
1.7 21.5  
1.9 31.2

INRIM GH2OC  
6 0.13

TSTBD TSTIMP  
0.9 0.1  
1.1 0.5  
1.3 1.0  
1.5 5.6  
1.7 15.2  
1.9 29.8

INRIM GH2OC  
6 0.15

TSTBD TSTIMP  
0.9 0.1  
1.1 0.2  
1.3 0.5  
1.5 4.9  
1.7 13.9  
1.9 27.7

INRIM GH2OC  
6 0.30

TSTBD TSTIMP  
0.9 0.1  
1.1 0.2  
1.3 0.5  
1.5 0.9  
1.7 1.1  
1.9 1.3

FILENAME: AVONGRAV.CT2

SOIL PROFILE PROPERTIES FOR AVONDALE LOAM  
WITH GRAVEL LAYER (PLOTS 13-16)

IDUMSL	PEDON	TAXON									
01	-9	AVONDALE LOAM WITH GRAVEL FROM 100-130 CM DEEP.									
SALB	U	SWCON	CN2	TAV	AMP	DMOD	SWCON1	SWCON2	SWCON3	RWUMX	PHFAC3
0.14	12.00	0.32	80.00	21.8	22.2	1.0	2.67E-03	58.0	6.68	0.03	1.00

DLAYR	LL	DUL	SAT	DSW	WR	BD	OC	DNH4	DNO3	DPH
5.	0.152	0.272	0.370	0.272	1.000	1.45	0.45	0.0	20.0	7.7
5.	0.153	0.272	0.360	0.272	0.861	1.50	0.45	0.0	20.0	7.7
10.	0.159	0.279	0.360	0.279	0.741	1.52	0.45	0.0	20.0	7.7
10.	0.164	0.285	0.365	0.285	0.607	1.51	0.45	0.0	16.0	7.7
20.	0.164	0.288	0.369	0.288	0.449	1.50	0.30	0.0	13.0	8.0
20.	0.163	0.289	0.372	0.289	0.301	1.48	0.20	0.0	10.0	8.0
30.	0.159	0.285	0.371	0.285	0.183	1.48	0.10	0.0	10.0	8.0
30.	0.086	0.149	0.190	0.149	0.050	2.10	0.00	0.0	5.0	8.0
30.	0.189	0.316	0.390	0.316	0.055	1.46	0.00	0.0	10.0	8.0
30.	0.189	0.316	0.390	0.316	0.030	1.46	0.00	0.0	10.0	8.0

-1.

ROCK	SILT		SCOND		CATEXC	ALPHA	XN	VGTHS	VGTHR
	SAND	CLAY							
0.0	34.6	43.9	21.5	20.0	287.0	3.380	1.184	0.384	0.043
0.0	34.6	43.9	21.5	15.0	287.0	3.380	1.184	0.371	0.042
0.0	31.4	45.9	22.8	10.0	305.0	3.380	1.184	0.366	0.041
0.0	28.1	47.9	24.0	7.0	321.0	3.380	1.184	0.369	0.041
0.0	27.4	47.7	24.9	7.2	333.0	3.380	1.184	0.371	0.042
0.0	29.1	45.7	25.3	7.3	338.0	3.380	1.184	0.376	0.042
0.0	34.4	40.6	25.1	7.3	335.0	3.380	1.184	0.376	0.042
50.0	18.1	17.6	14.4	3.7	193.0	3.380	1.184	0.190	0.021
0.0	29.4	37.5	33.0	7.3	441.0	3.380	1.184	0.381	0.043
0.0	29.4	37.5	33.0	7.3	441.0	3.380	1.184	0.381	0.043

DATAID

AVONDALE LOAM WITH GRAVEL FROM 100-130 CM DEEP.

LYRSOL

3

DIFF0	THETA0	BETA	GLAYR	THETAS	FC	THETAR	AIRDR	ETA	GBD	PSIBUB
0.18E-08	0.145	34.0	0.10E+03	0.45	0.26	0.23	0.03	2.90	1.49	1.00
0.09E-08	0.072	34.0	0.30E+02	0.22	0.13	0.11	0.015	2.90	2.10	1.00
0.18E-08	0.145	34.0	0.60E+02	0.45	0.26	0.23	0.03	2.90	1.49	1.00
0.18E-08	0.145	34.0		0.45	0.26	0.23	0.03	2.90	1.49	1.00
0.18E-08	0.145	34.0		0.45	0.26	0.23	0.03	2.90	1.49	1.00

TD	THETA1	BDSLOP	BDRATO	PSISFC
47	0.240	0.00	1.00	33.0



SNAME  
Norfolk silt loam

NCURVE  
7

INRIM GH2OC  
6 0.05

TSTBD TSTIMP  
0.9 0.1  
1.1 5.4  
1.3 16.2  
1.5 36.0  
1.7 62.0  
1.9 93.0

INRIM GH2OC  
6 0.07

TSTBD TSTIMP  
0.9 0.1  
1.1 2.5  
1.3 7.8  
1.5 22.6  
1.7 44.5  
1.9 71.3

INRIM GH2OC  
6 0.09

TSTBD TSTIMP  
0.9 0.1  
1.1 1.0  
1.3 2.3  
1.5 12.8  
1.7 30.4  
1.9 52.6

INRIM GH2OC  
6 0.11

TSTBD TSTIMP  
0.9 0.1  
1.1 0.9  
1.3 1.7  
1.5 7.5  
1.7 21.5  
1.9 31.2

INRIM GH2OC  
6      0.13

TSTBD    TSTIMP  
0.9    0.1  
1.1    0.5  
1.3    1.0  
1.5    5.6  
1.7    15.2  
1.9    29.8

INRIM GH2OC  
6      0.15

TSTBD    TSTIMP  
0.9    0.1  
1.1    0.2  
1.3    0.5  
1.5    4.9  
1.7    13.9  
1.9    27.7

INRIM GH2OC  
6      0.30

TSTBD    TSTIMP  
0.9    0.1  
1.1    0.2  
1.3    0.5  
1.5    0.9  
1.7    1.1  
1.9    1.3

FILENAME: PX088501.CT4

SOIL ORGANIC RESIDUE (ALL PLOTS)

<u>ID</u>	<u>TRTNO</u>	<u>STRAW</u>	<u>SDEP</u>	<u>SCN</u>	<u>ROOT</u>
PX088501	01	0.	10.	30.	1440.

FILENAME: PX088501.CT5

INITIAL SOIL PROFILE CONDITIONS FOR AVONDALE LOAM  
(PLOTS 01-12)

TRTNO ID  
01 PX088501

<u>DLAYR</u>	<u>SW</u>	<u>NH4</u>	<u>NO3</u>	<u>PH</u>
5.	0.100	0.0	22.7	7.7
5.	0.150	0.0	22.7	7.7
10.	0.150	0.0	22.7	7.7
10.	0.150	0.0	15.0	7.7
20.	0.150	0.0	10.0	8.0
20.	0.150	0.0	10.0	8.0
30.	0.160	0.0	10.0	8.0
30.	0.180	0.0	10.0	8.0
30.	0.200	0.0	10.0	8.0
30.	0.220	0.0	10.0	8.0
-1.				

FILENAME: PX138501.CT5

INITIAL SOIL PROFILE CONDITIONS FOR AVONDALE LOAM  
WITH GRAVEL LAYER AT 100 TO 130 CM. (PLOTS 13-16)

TRTNO ID  
01 PX138501

<u>DLAYR</u>	<u>SW</u>	<u>NH4</u>	<u>NO3</u>	<u>PH</u>
5.	0.100	0.0	22.7	7.7
5.	0.150	0.0	22.7	7.7
10.	0.150	0.0	22.7	7.7
10.	0.150	0.0	15.0	7.7
20.	0.150	0.0	10.0	8.0
20.	0.150	0.0	10.0	8.0
30.	0.160	0.0	10.0	8.0
30.	0.090	0.0	5.0	8.0
30.	0.200	0.0	10.0	8.0
30.	0.220	0.0	10.0	8.0
-1.				

FILENAME: PX088501.CT6

IRRIGATION OF DRY REP #1 (PLOTS 05-08)

TRTNO ID  
01 PX088501

	AMTIRR	X1IRR	X2IRR		
<u>JDIRR</u>	<u>IRRCOD</u>	<u>Z1IRR</u>	<u>Z2IRR</u>		
101	47. 5	0.0	0.0	1.0	0.0
112	36. 5	0.0	0.0	1.0	0.0
114	23. 5	0.0	0.0	1.0	0.0
115	22. 5	0.0	0.0	1.0	0.0
144	10. 5	0.0	0.0	1.0	0.0
151	17. 5	0.0	0.0	1.0	0.0
158	7. 5	0.0	0.0	1.0	0.0
162	6. 5	0.0	0.0	1.0	0.0
165	21. 5	0.0	0.0	1.0	0.0
172	36. 5	0.0	0.0	1.0	0.0
179	46. 5	0.0	0.0	1.0	0.0
186	57. 5	0.0	0.0	1.0	0.0
192	50. 5	0.0	0.0	1.0	0.0
200	27. 5	0.0	0.0	1.0	0.0
207	49. 5	0.0	0.0	1.0	0.0
214	64. 5	0.0	0.0	1.0	0.0
221	42. 5	0.0	0.0	1.0	0.0
228	43. 5	0.0	0.0	1.0	0.0
235	26. 5	0.0	0.0	1.0	0.0
242	57. 5	0.0	0.0	1.0	0.0
249	67. 5	0.0	0.0	1.0	0.0
256	8. 5	0.0	0.0	1.0	0.0
263	18. 5	0.0	0.0	1.0	0.0

-1

FILENAME: PX118501.CT6

IRRIGATION OF DRY REP #2 (PLOTS 09-12)

TRTNO ID  
01 PX118501

	AMTIRR	X1IRR	X2IRR		
<u>JDIRR</u>	<u>IRRCOD</u>	<u>Z1IRR</u>	<u>Z2IRR</u>		
101	53. 5	0.0	0.0	1.0	0.0
112	32. 5	0.0	0.0	1.0	0.0
114	26. 5	0.0	0.0	1.0	0.0
115	23. 5	0.0	0.0	1.0	0.0
144	10. 5	0.0	0.0	1.0	0.0
151	14. 5	0.0	0.0	1.0	0.0
158	7. 5	0.0	0.0	1.0	0.0
162	5. 5	0.0	0.0	1.0	0.0
165	17. 5	0.0	0.0	1.0	0.0
172	35. 5	0.0	0.0	1.0	0.0
179	47. 5	0.0	0.0	1.0	0.0
186	57. 5	0.0	0.0	1.0	0.0
192	51. 5	0.0	0.0	1.0	0.0
200	23. 5	0.0	0.0	1.0	0.0
207	44. 5	0.0	0.0	1.0	0.0
214	70. 5	0.0	0.0	1.0	0.0
221	36. 5	0.0	0.0	1.0	0.0
228	44. 5	0.0	0.0	1.0	0.0
235	25. 5	0.0	0.0	1.0	0.0
242	52. 5	0.0	0.0	1.0	0.0
249	74. 5	0.0	0.0	1.0	0.0
256	3. 5	0.0	0.0	1.0	0.0
263	16. 5	0.0	0.0	1.0	0.0

-1

FILENAME: PX018501.CT6

IRRIGATION OF WET REP #1 (PLOTS 01-04)

TRTNO ID  
01 PX018501

	AMTIRR	X1IRR	X2IRR		
<u>JDIRR</u>	<u>IRRCOD</u>	<u>Z1IRR</u>	<u>Z2IRR</u>		
101	50. 5	0.0	0.0	1.0	0.0
112	24. 5	0.0	0.0	1.0	0.0
114	24. 5	0.0	0.0	1.0	0.0
115	21. 5	0.0	0.0	1.0	0.0
144	18. 5	0.0	0.0	1.0	0.0
151	25. 5	0.0	0.0	1.0	0.0
158	13. 5	0.0	0.0	1.0	0.0
162	7. 5	0.0	0.0	1.0	0.0
165	34. 5	0.0	0.0	1.0	0.0
172	65. 5	0.0	0.0	1.0	0.0
179	64. 5	0.0	0.0	1.0	0.0
186	86. 5	0.0	0.0	1.0	0.0
192	93. 5	0.0	0.0	1.0	0.0
200	40. 5	0.0	0.0	1.0	0.0
207	73. 5	0.0	0.0	1.0	0.0
214	90. 5	0.0	0.0	1.0	0.0
221	67. 5	0.0	0.0	1.0	0.0
228	64. 5	0.0	0.0	1.0	0.0
235	38. 5	0.0	0.0	1.0	0.0
242	74. 5	0.0	0.0	1.0	0.0
249	108. 5	0.0	0.0	1.0	0.0
256	24. 5	0.0	0.0	1.0	0.0
263	36. 5	0.0	0.0	1.0	0.0

-1

FILENAME: PX138501.CT6

IRRIGATION OF WET REP #2 (PLOTS 13-16)

TRTNO ID

01 PX138501

	AMTIRR	X1IRR	X2IRR		
<u>JDIRR</u>	<u>IRRCOD</u>	<u>Z1IRR</u>	<u>Z2IRR</u>		
101	49. 5	0.0	0.0	1.0	0.0
112	37. 5	0.0	0.0	1.0	0.0
114	26. 5	0.0	0.0	1.0	0.0
115	22. 5	0.0	0.0	1.0	0.0
144	20. 5	0.0	0.0	1.0	0.0
151	25. 5	0.0	0.0	1.0	0.0
158	12. 5	0.0	0.0	1.0	0.0
162	8. 5	0.0	0.0	1.0	0.0
165	24. 5	0.0	0.0	1.0	0.0
172	48. 5	0.0	0.0	1.0	0.0
179	68. 5	0.0	0.0	1.0	0.0
186	84. 5	0.0	0.0	1.0	0.0
192	85. 5	0.0	0.0	1.0	0.0
200	57. 5	0.0	0.0	1.0	0.0
207	72. 5	0.0	0.0	1.0	0.0
214	91. 5	0.0	0.0	1.0	0.0
221	72. 5	0.0	0.0	1.0	0.0
228	72. 5	0.0	0.0	1.0	0.0
235	50. 5	0.0	0.0	1.0	0.0
242	79. 5	0.0	0.0	1.0	0.0
249	69. 5	0.0	0.0	1.0	0.0
256	54. 5	0.0	0.0	1.0	0.0
263	38. 5	0.0	0.0	1.0	0.0

-1

FILENAME: PX088501.CT7

FERTILIZER MANAGEMENT (ALL PLOTS)

TRTNO ID  
01 PX088501

	FERTN	INTYPE	IPTYPE	IKTYPE	IITYPE	X1FERT	X2FERT							
JDFERT	DFERT	FERTP	FERTK	FERTIN	FERCOD	Z1FERT	Z2FERT							
162	16.6	0.0	5	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
165	16.6	0.0	5	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
172	11.1	0.0	5	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
179	16.6	0.0	5	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
186	16.6	0.0	5	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
193	16.6	0.0	5	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
200	16.6	0.0	5	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
207	16.6	0.0	5	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
214	16.6	0.0	5	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
221	16.6	0.0	5	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
228	11.1	0.0	5	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
235	11.1	0.0	5	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0

-1



FILENAME: PX088501.CT8 TREATMENT MANAGEMENT FILE

ID	TRTNO	TITLE							ISOILT	IVARTY
PX088501	01	NO CHAMBER, IRRIGATION=DRY, REP=#1							1	61
(ISWEED, ISWINS, ISWNEM & ISWDIS) options										
ISOW	ROWSPC	IIRR	EFFIRR	THETAC						
ISIM	PLANTS	SDEPTH	ISWNIT	DSOIL	IMERGE					
106	99	10.00	1.016	5.00	2	1	0.95	0.00	0.0 106 0 0 0 0	

HISTORY

SAME SITE AS PREVIOUS YEAR, FALLOW OVER WINTER.

FILENAME: PX118501.CT8 TREATMENT MANAGEMENT FILE

ID	TRTNO	TITLE							ISOILT	IVARTY
PX118501	01	NO CHAMBER, IRRIGATION=DRY, REP=#2							1	61
(ISWEED, ISWINS, ISWNEM & ISWDIS) options										
ISOW	ROWSPC	IIRR	EFFIRR	THETAC						
ISIM	PLANTS	SDEPTH	ISWNIT	DSOIL	IMERGE					
106	99	10.00	1.016	5.00	2	1	0.95	0.00	0.0 106 0 0 0 0	

HISTORY

SAME SITE AS PREVIOUS YEAR, FALLOW OVER WINTER.

FILENAME: PX018501.CT8 TREATMENT MANAGEMENT FILE

ID	TRTNO	TITLE							ISOILT	IVARTY
PX018501	01	NO CHAMBER, IRRIGATION=WET, REP=#1							1	61
(ISWEED, ISWINS, ISWNEM & ISWDIS) options										
ISOW	ROWSPC	IIRR	EFFIRR	THETAC						
ISIM	PLANTS	SDEPTH	ISWNIT	DSOIL	IMERGE					
106	99	10.00	1.016	5.00	2	1	0.95	0.00	0.0 106 0 0 0 0	

HISTORY

SAME SITE AS PREVIOUS YEAR, FALLOW OVER WINTER.

FILENAME: PX138501.CT8 TREATMENT MANAGEMENT FILE

ID	TRTNO	TITLE							ISOILT	IVARTY				
PX138501	01	NO CHAMBER, IRRIGATION=WET, REP=#2							1	61				
				(ISWEED, ISWINS, ISWNEM & ISWDIS) options										
	ISOW	ROWSPC	IIRR	EFFIRR	THETAC									
ISIM	PLANTS	SDEPTH	ISWNIT	DSOIL	IMERGE									
106	99	10.00	1.016	5.00	2	1	0.95	0.00	0.0	106	0	0	0	0

HISTORY

SAME SITE AS PREVIOUS YEAR, FALLOW OVER WINTER.

FILENAME: PX068501.CT8 TREATMENT MANAGEMENT FILE

ID	TRTNO	TITLE							ISOILT	IVARTY				
PX068501	01	CO2=AMBIENT, IRRIGATION=DRY, REP=#1							1	61				
				(ISWEED, ISWINS, ISWNEM & ISWDIS) options										
	ISOW	ROWSPC	IIRR	EFFIRR	THETAC									
ISIM	PLANTS	SDEPTH	ISWNIT	DSOIL	IMERGE									
106	99	10.00	1.016	5.00	2	1	0.95	0.00	0.0	106	0	0	0	0

HISTORY

SAME SITE AS PREVIOUS YEAR, FALLOW OVER WINTER.

FILENAME: PX128501.CT8 TREATMENT MANAGEMENT FILE

ID	TRTNO	TITLE							ISOILT	IVARTY				
PX128501	01	CO2=AMBIENT, IRRIGATION=DRY, REP=#2							1	61				
				(ISWEED, ISWINS, ISWNEM & ISWDIS) options										
	ISOW	ROWSPC	IIRR	EFFIRR	THETAC									
ISIM	PLANTS	SDEPTH	ISWNIT	DSOIL	IMERGE									
106	99	10.00	1.016	5.00	2	1	0.95	0.00	0.0	106	0	0	0	0

HISTORY

SAME SITE AS PREVIOUS YEAR, FALLOW OVER WINTER.

FILENAME: PX038501.CT8

TREATMENT MANAGEMENT FILE

<u>ID</u>	<u>TRTNO</u>	<u>TITLET</u>							<u>ISOILT</u>	<u>IVARTY</u>				
PX038501	01	CO2=AMBIENT, IRRIGATION=WET, REP=#1							1	61				
		(ISWEED, ISWINS, ISWNEM & ISWDIS) options												
		ISOW	ROWSPC	IIRR	EFFIRR	THETAC								
<u>ISIM</u>	<u>PLANTS</u>	<u>SDEPTH</u>	<u>ISWNIT</u>	<u>DSOIL</u>	<u>IMERGE</u>									
106	99	10.00	1.016	5.00	2	1	0.95	0.00	0.0	106	0	0	0	0

HISTORY

SAME SITE AS PREVIOUS YEAR, FALLOW OVER WINTER.

FILENAME: PX148501.CT8

TREATMENT MANAGEMENT FILE

<u>ID</u>	<u>TRTNO</u>	<u>TITLET</u>							<u>ISOILT</u>	<u>IVARTY</u>				
PX148501	01	CO2=AMBIENT, IRRIGATION=WET, REP=#2							1	61				
		(ISWEED, ISWINS, ISWNEM & ISWDIS) options												
		ISOW	ROWSPC	IIRR	EFFIRR	THETAC								
<u>ISIM</u>	<u>PLANTS</u>	<u>SDEPTH</u>	<u>ISWNIT</u>	<u>DSOIL</u>	<u>IMERGE</u>									
106	99	10.00	1.016	5.00	2	1	0.95	0.00	0.0	106	0	0	0	0

HISTORY

SAME SITE AS PREVIOUS YEAR, FALLOW OVER WINTER.

FILENAME: PX058501.CT8

TREATMENT MANAGEMENT FILE

<u>ID</u>	<u>TRTNO</u>	<u>TITLET</u>							<u>ISOILT</u>	<u>IVARTY</u>				
PX058501	01	CO2=500ppm, IRRIGATION=DRY, REP=#1							1	61				
		(ISWEED, ISWINS, ISWNEM & ISWDIS) options												
		ISOW	ROWSPC	IIRR	EFFIRR	THETAC								
<u>ISIM</u>	<u>PLANTS</u>	<u>SDEPTH</u>	<u>ISWNIT</u>	<u>DSOIL</u>	<u>IMERGE</u>									
106	99	10.00	1.016	5.00	2	1	0.95	0.00	0.0	106	0	0	0	0

HISTORY

SAME SITE AS PREVIOUS YEAR, FALLOW OVER WINTER.

FILENAME: PX108501.CT8 TREATMENT MANAGEMENT FILE

ID	TRTNO	TITLE							ISOILT	IVARTY				
PX108501	01	CO2-500ppm, IRRIGATION=DRY, REP=#2							1	61				
				(ISWEED, ISWINS, ISWNEM & ISWDIS) options										
	ISOW	ROWSPC		IIRR	EFFIRR	THETAC								
<u>ISIM</u>	<u>PLANTS</u>	<u>SDEPTH</u>	<u>ISWNIT</u>	<u>DSOIL</u>	<u>IMERGE</u>									
106	99	10.00	1.016	5.00	2	1	0.95	0.00	0.0	106	0	0	0	0

HISTORY

SAME SITE AS PREVIOUS YEAR, FALLOW OVER WINTER.

FILENAME: PX028501.CT8 TREATMENT MANAGEMENT FILE

ID	TRTNO	TITLE							ISOILT	IVARTY				
PX028501	01	CO2-500ppm, IRRIGATION=WET, REP=#1							1	61				
				(ISWEED, ISWINS, ISWNEM & ISWDIS) options										
	ISOW	ROWSPC		IIRR	EFFIRR	THETAC								
<u>ISIM</u>	<u>PLANTS</u>	<u>SDEPTH</u>	<u>ISWNIT</u>	<u>DSOIL</u>	<u>IMERGE</u>									
106	99	10.00	1.016	5.00	2	1	0.95	0.00	0.0	106	0	0	0	0

HISTORY

SAME SITE AS PREVIOUS YEAR, FALLOW OVER WINTER.

FILENAME: PX168501.CT8 TREATMENT MANAGEMENT FILE

ID	TRTNO	TITLE							ISOILT	IVARTY				
PX168501	01	CO2-500ppm, IRRIGATION=WET, REP=#2							1	61				
				(ISWEED, ISWINS, ISWNEM & ISWDIS) options										
	ISOW	ROWSPC		IIRR	EFFIRR	THETAC								
<u>ISIM</u>	<u>PLANTS</u>	<u>SDEPTH</u>	<u>ISWNIT</u>	<u>DSOIL</u>	<u>IMERGE</u>									
106	99	10.00	1.016	5.00	2	1	0.95	0.00	0.0	106	0	0	0	0

HISTORY

SAME SITE AS PREVIOUS YEAR, FALLOW OVER WINTER.

FILENAME: PX078501.CT8 TREATMENT MANAGEMENT FILE

ID	TRTNO	TITLE							ISOILT	IVARTY				
PX078501	01	CO2=650ppm, IRRIGATION=DRY, REP=#1							1	61				
				(ISWEED, ISWINS, ISWNEM & ISWDIS) options										
	ISOW	ROWSPC	IIRR	EFFIRR	THETAC									
ISIM	PLANTS	SDEPTH	ISWNIT	DSOIL	IMERGE									
106	99	10.00	1.016	5.00	2	1	0.95	0.00	0.0	106	0	0	0	0

HISTORY  
SAME SITE AS PREVIOUS YEAR, FALLOW OVER WINTER.

FILENAME: PX098501.CT8 TREATMENT MANAGEMENT FILE

ID	TRTNO	TITLE							ISOILT	IVARTY				
PX098501	01	CO2=650ppm, IRRIGATION=DRY, REP=#2							1	61				
				(ISWEED, ISWINS, ISWNEM & ISWDIS) options										
	ISOW	ROWSPC	IIRR	EFFIRR	THETAC									
ISIM	PLANTS	SDEPTH	ISWNIT	DSOIL	IMERGE									
106	99	10.00	1.016	5.00	2	1	0.95	0.00	0.0	106	0	0	0	0

HISTORY  
SAME SITE AS PREVIOUS YEAR, FALLOW OVER WINTER.

FILENAME: PX048501.CT8 TREATMENT MANAGEMENT FILE

ID	TRTNO	TITLE							ISOILT	IVARTY				
PX048501	01	CO2=650ppm, IRRIGATION=WET, REP=#1							1	61				
				(ISWEED, ISWINS, ISWNEM & ISWDIS) options										
	ISOW	ROWSPC	IIRR	EFFIRR	THETAC									
ISIM	PLANTS	SDEPTH	ISWNIT	DSOIL	IMERGE									
106	99	10.00	1.016	5.00	2	1	0.95	0.00	0.0	106	0	0	0	0

HISTORY  
SAME SITE AS PREVIOUS YEAR, FALLOW OVER WINTER.

FILENAME: PX158501.CT8 TREATMENT MANAGEMENT FILE

ID	TRTNO	TITLE							ISOILT	IVARTY				
PX158501	01	CO2=650ppm, IRRIGATION=WET, REP=#2							1	61				
				(ISWEED, ISWINS, ISWNEM & ISWDIS) options										
	ISOW		ROWSPC		IIRR	EFFIRR	THETAC							
<u>ISIM</u>	<u>PLANTS</u>	<u>SDEPTH</u>	<u>ISWNIT</u>	<u>DSOIL</u>	<u>IMERGE</u>									
106	99	10.00	1.016	5.00	2	1	0.95	0.00	0.0	106	0	0	0	0

HISTORY  
SAME SITE AS PREVIOUS YEAR, FALLOW OVER WINTER.

FILENAME: PX088501.CTA

FINAL HARVEST DATA FILE (NO CHAMBER, DRY, REP #1)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX088501	01	1080.	1780.	0.0950	88.	21.	3.9	7370.	-9.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX118501.CTA

FINAL HARVEST DATA FILE (NO CHAMBER, DRY, REP #2)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX118501	01	1190.	1940.	0.0920	94.	23.	2.1	7460.	-9.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX018501.CTA

FINAL HARVEST DATA FILE (NO CHAMBER, WET, REP #1)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX018501	01	1320.	2390.	0.1090	94.	23.	4.5	8290.	-9.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX138501.CTA

FINAL HARVEST DATA FILE (NO CHAMBER, WET, REP #2)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX138501	01	1370.	2440.	0.1010	96.	25.	5.5	8400.	-9.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX068501.CTA FINAL HARVEST DATA FILE (AMBIENT, DRY, REP #1)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX068501	01	640.	1160.	0.0870	88.	20.	3.5	6430.	-9.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX128501.CTA FINAL HARVEST DATA FILE (AMBIENT, DRY, REP #2)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX128501	01	690.	1200.	0.0890	75.	18.	2.3	6490.	-9.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX038501.CTA FINAL HARVEST DATA FILE (AMBIENT, WET, REP #1)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX038501	01	1620.	2860.	0.0950	121.	25.	5.6	10680.	-9.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX148501.CTA FINAL HARVEST DATA FILE (AMBIENT, WET, REP #2)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX148501	01	1630.	2870.	0.1090	116.	23.	7.6	11630.	-9.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0



FILENAME: PX058501.CTA

FINAL HARVEST DATA FILE (CO2=500, DRY, REP #1)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX058501	01	1080.	1910.	0.0900	102.	21.	5.0	9530.	-9.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX108501.CTA

FINAL HARVEST DATA FILE (CO2=500, DRY, REP #2)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX108501	01	1120.	1960.	0.0910	114.	19.	3.8	10090.	-9.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX028501.CTA

FINAL HARVEST DATA FILE (CO2=500, WET, REP #1)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX028501	01	2650.	4480.	0.1119	196.	21.	7.3	15710.	-9.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX168501.CTA

FINAL HARVEST DATA FILE (CO2=500, WET, REP #2)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX168501	01	2130.	3800.	0.1070	165.	21.	6.5	15510.	-9.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX078501.CTA FINAL HARVEST DATA FILE (CO2=650, DRY, REP #1)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX078501	01	1510.	2530.	0.0990	140.	18.	3.8	10640.	-9.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX098501.CTA FINAL HARVEST DATA FILE (CO2=650, DRY, REP #2)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX098501	01	1230.	2260.	0.0970	96.	19.	5.2	11580.	-9.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX048501.CTA FINAL HARVEST DATA FILE (CO2=650, WET, REP #1)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX048501	01	2510.	4400.	0.1098	194.	21.	9.9	16640.	-9.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX158501.CTA FINAL HARVEST DATA FILE (CO2=650, WET, REP #2)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX158501	01	2540.	4230.	0.1050	180.	22.	9.1	16810.	-9.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX088501.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(NO CHAMBER, DRY, REP #1)

	TRTNO	JSQRJD		
<u>ID</u>	<u>JEMRGD</u>	<u>JFLRJD</u>		
PX088501	01	106	141	168

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13 1 2 3 4 5 6 7 8 9 10 11 12 13

	XPLTHT	JNNODM	JNFLWM	JNMBLM	XWLEFH	XWROTH	XWMBLH						
JDOY	XLAI	JNSORM	JNGBLM	JNABSM	XWSTMH	XWGBLH							
133	-9.	0.03	-9	0	0	0	0	0	24.	7.	8.	0.	0.
141	-9.	0.07	-9	8	0	0	0	0	54.	17.	18.	0.	0.
157	23.	0.64	113	100	0	0	0	77	415.	210.	162.	0.	0.
171	39.	1.08	170	196	1	7	0	47	737.	812.	289.	17.	0.
186	48.	1.93	180	193	4	83	0	110	1228.	1228.	478.	709.	0.
199	49.	3.11	190	87	1	77	0	240	1992.	1286.	791.	1588.	0.
220	76.	3.91	262	417	1	95	43	285	2648.	2368.	969.	1569.	2310.
276	57.	-9.00	-9	-9	-9	10	88	-9	1743.	1063.	607.	196.	4092.

-1

FILENAME: PX118501.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(NO CHAMBER, DRY, REP #2)

	TRTNO	JSQRJD		
<u>ID</u>	<u>JEMRGD</u>	<u>JFLRJD</u>		
PX118501	01	106	141	168

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

	XPLTHT	JNNODM	JNFLWM	JNMBLM	XWLEFH	XWROTH	XWMBLH						
JDOY	XLAI	JNSORM	JNGBLM	JNABSM	XWSTMH	XWGBLH							
133	-9.	0.02	-9	0	0	0	0	0	36.	5.	6.	0.	0.
141	-9.	0.09	-9	15	0	0	0	1	86.	27.	26.	0.	0.
157	24.	0.56	130	150	0	0	0	30	347.	235.	197.	0.	0.
171	39.	1.28	173	170	1	37	0	80	937.	767.	433.	169.	0.
186	42.	1.34	177	50	0	50	0	110	878.	480.	-9.	1127.	0.
199	47.	2.13	200	163	1	53	3	167	1081.	879.	482.	1863.	133.
220	54.	2.13	270	113	0	60	38	275	1683.	1111.	505.	1359.	1590.
276	56.	-9.00	-9	-9	-9	10	94	-9	1679.	1399.	589.	32.	4432.

-1

FILENAME: PX018501.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(NO CHAMBER, WET, REP #1)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX018501 01 106 141 164

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

	XPLTHT	JNNODM	JNFLWM	JNMBLM	XWLEFH	XWROTH	XWMBLH						
JDOY	XLAI	JNSORM	JNGBLM	JNABSM	XWSTMH	XWGBLH							
133	-9.	0.02	-9	0	0	0	0	0	16.	5.	5.	0.	0.
141	-9.	0.06	-9	1	0	0	0	0	43.	14.	15.	0.	0.
157	17.	0.56	12	9	0	0	0	3	306.	148.	118.	0.	0.
171	38.	0.91	17	18	1	1	0	3	451.	734.	246.	1.	0.
186	51.	1.30	20	34	8	9	0	5	1342.	1322.	541.	680.	0.
199	54.	3.68	21	16	0	12	0	24	1791.	1347.	706.	1996.	0.
220	66.	4.48	29	25	0	18	3	51	3067.	2461.	875.	4731.	1719.
276	67.	-9.00	-9	-9	-9	25	94	-9	1239.	1691.	570.	456.	4939.

-1

FILENAME: PX138501.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(NO CHAMBER, WET, REP #2)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX138501 01 106 141 164

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

	XPLTHT	JNNODM	JNFLWM	JNMBLM	XWLEFH	XWROTH	XWMBLH						
JDOY	XLAI	JNSORM	JNGBLM	JNABSM	XWSTMH	XWGBLH							
133	-9.	0.03	-9	0	0	0	0	0	40.	6.	6.	0.	0.
141	-9.	0.09	-9	13	0	0	0	0	65.	22.	20.	0.	0.
157	32.	1.09	147	197	0	0	0	33	625.	440.	287.	0.	0.
171	45.	1.60	183	253	2	43	0	70	1072.	1047.	507.	184.	0.
186	49.	2.84	180	130	1	93	0	133	1608.	1176.	543.	1846.	0.
199	53.	5.54	223	110	0	130	0	287	1997.	1304.	526.	3241.	0.
220	68.	4.26	307	145	0	145	83	495	3726.	2309.	762.	3544.	4323.
276	57.	-9.00	-9	-9	-9	8	96	-9	1912.	1410.	535.	174.	4960.

-1

FILENAME: PX068501.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(AMBIENT, DRY, REP #1)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX068501 01 106 141 168

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13 1 2 3 4 5 6 7 8 9 10 11 12 13

JDOY	XPLTHT	XLAI	JNNODM	JNFLWM	JNMBLM	JNABSM	XWLEFH	XWSTMH	XWROTH	XWGBLH	XWMBLH
133	-9.	0.02	-9	0	0	0	18.	6.	5.	0.	0.
141	-9.	0.07	-9	9	0	0	49.	19.	16.	0.	0.
157	19.	0.38	123	70	0	0	241.	112.	96.	0.	0.
171	26.	0.46	123	127	1	10	348.	474.	-9.	14.	0.
186	0.	0.75	167	73	0	10	523.	523.	917.	91.	0.
199	50.	2.37	216	237	1	40	1263.	1038.	474.	317.	0.
220	67.	3.49	280	287	2	90	1972.	2226.	747.	671.	617.
276	67.	-9.00	-9	-9	-9	10	1524.	2189.	956.	123.	2671.

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FILENAME: PX128501.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(AMBIENT, DRY, REP #2)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX128501 01 106 141 168

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

JDOY	XPLTHT	XLAI	JNNODM	JNFLWM	JNMBLM	JNABSM	XWLEFH	XWSTMH	XWROTH	XWGBLH	XWMBLH
133	-9.	0.02	-9	0	0	0	23.	6.	9.	0.	0.
141	-9.	0.06	-9	8	0	0	40.	14.	14.	0.	0.
157	19.	0.48	130	127	0	0	312.	175.	148.	0.	0.
171	30.	0.82	163	73	0	27	467.	329.	221.	84.	0.
186	27.	1.40	200	137	0	17	897.	506.	-9.	263.	0.
199	56.	2.26	240	217	1	53	1221.	1037.	373.	585.	0.
220	70.	1.90	280	45	0	110	2043.	1890.	978.	2950.	153.
276	67.	-9.00	-9	-9	-9	0	1618.	2065.	883.	0.	2851.

-1

FILENAME: PX038501.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(AMBIENT, WET, REP #1)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX038501 01 106 139 168

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

	XPLTHT	JNNODM	JNFLWM	JNMBLM	XWLEFH	XWROTH	XWMBLH						
JDOY	XLAI	JNSQRM	JNGBLM	JNABSM	XWSTMH	XWGBLH							
133	-9.	0.01	-9	0	0	0	0	0	14.	5.	4.	0.	0.
141	-9.	0.06	-9	1	0	0	0	0	44.	16.	15.	0.	0.
157	22.	0.48	12	11	0	0	0	1	264.	145.	94.	0.	0.
171	36.	1.14	15	15	2	1	0	0	694.	675.	278.	32.	0.
186	43.	2.04	20	18	2	8	0	11	1187.	1187.	572.	735.	0.
199	68.	5.64	25	30	2	16	0	35	2779.	2410.	781.	2536.	0.
220	86.	5.18	29	21	2	20	4	46	2635.	3047.	845.	2304.	1581.
276	77.	-9.00	-9	-9	-9	10	121	-9	2086.	2419.	818.	225.	6031.

-1

FILENAME: PX148501.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(AMBIENT, WET, REP #2)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX148501 01 106 139 168

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

	XPLTHT	JNNODM	JNFLWM	JNMBLM	XWLEFH	XWROTH	XWMBLH						
JDOY	XLAI	JNSQRM	JNGBLM	JNABSM	XWSTMH	XWGBLH							
133	-9.	0.02	-9	0	0	0	0	0	33.	4.	4.	0.	0.
141	-9.	0.07	-9	15	0	0	0	1	57.	19.	21.	0.	0.
157	27.	0.77	140	150	0	7	0	20	412.	265.	163.	16.	0.
171	40.	1.61	163	133	0	27	0	37	670.	566.	258.	114.	0.
186	49.	2.05	203	157	1	30	0	147	1167.	792.	340.	396.	0.
199	88.	7.58	273	377	0	57	0	267	2411.	2728.	718.	1098.	0.
220	86.	4.25	315	80	1	158	35	448	2797.	2435.	912.	3161.	1445.
276	78.	-9.00	-9	-9	-9	5	116	-9	2690.	2881.	875.	109.	6043.

-1

FILENAME: PX058501.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(CO2=500, DRY, REP #1)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX058501 01 106 139 164

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

JDOY	XPLTHT	XLAI	JNNODM	JNFLWM	JNMBLM	JNABSM	XWLEFH	XWSTMH	XWROTH	XWGBLH	XWMBLH		
133	-9.	0.04	-9	0	0	0	0	32.	9.	7.	0.	0.	
141	-9.	0.11	-9	25	0	0	3	88.	40.	16.	0.	0.	
157	29.	0.74	137	137	0	0	47	623.	356.	217.	0.	0.	
171	35.	1.10	150	203	0	27	0	47	728.	1010.	-9.	79.	0.
186	39.	1.27	190	187	0	47	0	143	1061.	834.	775.	201.	0.
199	55.	2.23	220	220	0	50	0	210	1287.	1197.	641.	730.	0.
220	79.	5.04	295	378	1	255	18	688	3289.	4678.	1701.	2105.	716.
276	69.	-9.00	-9	-9	-9	2	102	-9	1785.	3334.	1580.	37.	4420.

-1

FILENAME: PX108501.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(CO2=500, DRY, REP #2)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX108501 01 106 139 164

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

JDOY	XPLTHT	XLAI	JNNODM	JNFLWM	JNMBLM	JNABSM	XWLEFH	XWSTMH	XWROTH	XWGBLH	XWMBLH		
133	-9.	0.03	-9	0	0	0	0	15.	9.	9.	0.	0.	
141	-9.	0.08	-9	13	0	0	1	63.	23.	22.	0.	0.	
157	30.	0.72	143	187	0	0	47	480.	372.	304.	0.	0.	
171	37.	1.06	173	173	0	37	0	77	793.	719.	386.	122.	0.
186	45.	1.72	197	200	0	57	0	117	1099.	902.	-9.	579.	0.
199	72.	3.84	263	457	1	50	7	347	2188.	2539.	814.	604.	243.
220	86.	3.44	300	85	0	177	3	560	2250.	3106.	3106.	3755.	77.
276	66.	-9.00	-9	-9	-9	1	114	-9	1878.	3197.	1342.	32.	4432.

-1

FILENAME: PX028501.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(CO2=500, WET, REP #1)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX028501 01 106 139 164

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

JDOY	XPLTHT	XLAI	JNNODM	JNFLWM	JNMBLM	JNABSM	XWLEFH	XWROTH	XWMBLH		
			JNSORM	JNGBLM			XWSTMH	XWGBLH			
133	-9.	0.03	-9 0	0 0	0 0	0	27.	8.	8.	0.	0.
141	-9.	0.07	-9 1	0 0	0 0	0	55.	20.	19.	0.	0.
157	24.	0.59	12 10	0 0	0 0	3	408.	215.	141.	0.	0.
171	42.	1.52	17 18	1 1	0 0	4	924.	1151.	472.	0.	0.
186	0.	1.46	20 29	5 4	0 0	10	1120.	1178.	558.	265.	0.
199	74.	3.90	26 18	1 12	0 0	30	1890.	1833.	708.	2369.	0.
220	98.	7.29	31 29	4 45	1 0	52	3580.	4887.	1302.	5183.	491.
276	79.	-9.00	-9 -9	-9 11	196	-9	2436.	3584.	1194.	280.	9547.

-1

FILENAME: PX168501.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(CO2=500, WET, REP #2)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX168501 01 106 139 164

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

JDOY	XPLTHT	XLAI	JNNODM	JNFLWM	JNMBLM	JNABSM	XWLEFH	XWROTH	XWMBLH		
			JNSORM	JNGBLM			XWSTMH	XWGBLH			
133	-9.	0.02	-9 0	0 0	0 0	0	51.	6.	6.	0.	0.
141	-9.	0.08	-9 17	0 0	0 0	1	64.	21.	21.	0.	0.
157	35.	0.98	153 243	0 3	0 0	23	684.	579.	324.	11.	0.
171	54.	1.96	190 233	0 83	0 0	57	1279.	1283.	601.	520.	0.
186	65.	2.98	230 223	1 70	0 0	143	1474.	1437.	650.	1029.	0.
199	89.	5.19	267 413	1 106	0 0	280	2432.	2966.	857.	1805.	0.
220	115.	6.48	350 195	4 250	52 832	4182.	5818.	1493.	6783.	2343.	
276	90.	-9.00	-9 -9	-9 10	165	-9	2990.	4206.	1372.	227.	8387.

-1



FILENAME: PX078501.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(CO2=650, DRY, REP #1)

	TRTNO	JSQRJD		
<u>ID</u>	<u>JEMRGD</u>	<u>JFLRJD</u>		
PX078501	01	106	137	160

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

	XPLTHT	JNNODM	JNFLWM	JNMBLM	XWLEFH	XWROTH	XWMBLH						
JDOY	XLAI	JNSORM	JNGBLM	JNABSM	XWSTMH	XWGBLH							
133	-9.	0.03	-9	0	0	0	0	0	36.	9.	8.	0.	0.
141	-9.	0.08	-9	16	0	0	0	0	57.	19.	18.	0.	0.
157	27.	0.73	137	143	0	0	0	30	609.	322.	209.	0.	0.
171	39.	1.41	177	347	1	30	0	87	1093.	1583.	-9.	70.	0.
186	0.	1.78	193	403	0	67	0	160	1487.	1487.	916.	355.	0.
199	62.	2.95	233	373	1	43	0	257	1617.	1796.	842.	413.	0.
220	82.	3.76	285	382	3	205	33	585	3400.	5007.	1767.	1763.	1218.
276	68.	-9.00	-9	-9	-9	2	140	-9	1712.	3022.	1438.	72.	5963.

-1

FILENAME: PX098501.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(CO2=650, DRY, REP #2)

	TRTNO	JSQRJD		
<u>ID</u>	<u>JEMRGD</u>	<u>JFLRJD</u>		
PX098501	01	106	137	160

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

	XPLTHT	JNNODM	JNFLWM	JNMBLM	XWLEFH	XWROTH	XWMBLH						
JDOY	XLAI	JNSORM	JNGBLM	JNABSM	XWSTMH	XWGBLH							
133	-9.	0.04	-9	0	0	0	0	0	22.	11.	9.	0.	0.
141	-9.	0.12	-9	16	0	0	0	1	94.	35.	31.	0.	0.
157	35.	0.83	150	153	0	0	0	33	688.	520.	407.	0.	0.
171	42.	1.22	167	307	0	77	0	113	841.	806.	467.	418.	0.
186	52.	2.02	203	283	0	13	0	203	1409.	1459.	-9.	290.	0.
199	74.	4.56	267	573	1	87	7	343	2595.	2995.	965.	1547.	275.
220	81.	5.23	288	48	0	230	10	882	3350.	1932.	1214.	6280.	329.
276	72.	-9.00	-9	-9	-9	7	96	-9	1912.	1410.	1573.	174.	4960.

-1

FILENAME: PX048501.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(CO2=650, WET, REP #1)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX048501 01 106 137 160

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

JDOY	XPLTHT	XLAI	JNNODM	JNSQRM	JNFLWM	JNGBLM	JNMBLM	JNABSM	XWLEFH	XWSTMH	XWROTH	XWGBLH	XWMBLH
133	-9.	0.04	-9	0	0	0	0	0	38.	10.	10.	0.	0.
141	-9.	0.11	-9	2	0	0	0	0	90.	41.	18.	0.	0.
157	27.	0.85	13	14	0	0	0	7	610.	306.	203.	0.	0.
171	48.	1.44	16	16	3	3	0	5	1094.	1402.	677.	104.	0.
186	69.	3.36	22	57	1	11	0	21	2639.	2639.	1388.	490.	0.
199	74.	4.90	25	46	1	13	0	35	2470.	2914.	912.	1646.	0.
220	103.	9.93	31	52	5	37	5	88	5467.	7731.	1824.	4897.	2696.
276	78.	-9.00	-9	-9	-9	3	194	-9	2781.	4248.	1477.	74.	9667.

-1

FILENAME: PX158501.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(CO2=650, WET, REP #2)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX158501 01 106 137 160

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

JDOY	XPLTHT	XLAI	JNNODM	JNSQRM	JNFLWM	JNGBLM	JNMBLM	JNABSM	XWLEFH	XWSTMH	XWROTH	XWGBLH	XWMBLH
133	-9.	0.04	-9	0	0	0	0	0	19.	9.	8.	0.	0.
141	-9.	0.09	-9	16	0	0	0	0	72.	22.	11.	0.	0.
157	37.	1.09	153	200	0	0	0	20	719.	541.	317.	0.	0.
171	52.	1.99	183	267	1	47	0	100	1257.	1341.	641.	113.	0.
186	75.	3.46	223	460	1	70	0	263	2020.	2559.	962.	1108.	0.
199	99.	9.12	297	727	7	236	10	537	4888.	6146.	1505.	4653.	461.
220	115.	7.67	463	140	1	350	43	848	5262.	6091.	1554.	8901.	2343.
276	87.	-9.00	-9	-9	-9	2	180	-9	2910.	4447.	1537.	36.	9639.

-1

1986 DATA

FILENAME: CTEXP86.DIR EXPERIMENT FILE DIRECTORY FOR 1986

EXPID , EXPERIMENT DESCRIPTION, WEATHER FILE, SOIL FILE,  
SOIL NITR., INITIAL SOIL, IRRIGATION, NITR. FERT, CROP MANAGMENT, GENETICS,  
FINAL HARVEST, INTER GROWTH, OUTPUT 1, OUTPUT 2, OUTPUT 3, OUTPUT 4

PX078601 1986, CO2=AMBIENT,IRG=DRY,NIT=-,REP=1 PX070308.W86 AVONDALE.CT2  
PX078601.CT4 PX078601.CT5 PX078601.CT6 PX078601.CT7 PX078601.CT8 GENETICS.CT9  
PX078601.CTA PX078601.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX098601 1986, CO2=AMBIENT,IRG=DRY,NIT=-,REP=2 PX090308.W86 AVONDALE.CT2  
PX078601.CT4 PX078601.CT5 PX078601.CT6 PX078601.CT7 PX098601.CT8 GENETICS.CT9  
PX098601.CTA PX098601.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX088601 1986, CO2=AMBIENT,IRG=DRY,NIT=+,REP=1 PX080308.W86 AVONDALE.CT2  
PX078601.CT4 PX078601.CT5 PX088601.CT6 PX088601.CT7 PX088601.CT8 GENETICS.CT9  
PX088601.CTA PX088601.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX108601 1986, CO2=AMBIENT,IRG=DRY,NIT=+,REP=2 PX100308.W86 AVONDALE.CT2  
PX078601.CT4 PX078601.CT5 PX088601.CT6 PX088601.CT7 PX108601.CT8 GENETICS.CT9  
PX108601.CTA PX108601.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX028601 1986, CO2=AMBIENT,IRG=WET,NIT=-,REP=1 PX020308.W86 AVONDALE.CT2  
PX078601.CT4 PX078601.CT5 PX028601.CT6 PX078601.CT7 PX028601.CT8 GENETICS.CT9  
PX028601.CTA PX028601.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX168601 1986, CO2=AMBIENT,IRG=WET,NIT=-,REP=2 PX160308.W86 AVONGRAV.CT2  
PX078601.CT4 PX168601.CT5 PX028601.CT6 PX078601.CT7 PX168601.CT8 GENETICS.CT9  
PX168601.CTA PX168601.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX038601 1986, CO2=AMBIENT,IRG=WET,NIT=+,REP=1 PX030308.W86 AVONDALE.CT2  
PX078601.CT4 PX078601.CT5 PX038601.CT6 PX088601.CT7 PX038601.CT8 GENETICS.CT9  
PX038601.CTA PX038601.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX158601 1986, CO2=AMBIENT,IRG=WET,NIT=+,REP=2 PX150308.W86 AVONGRAV.CT2  
PX078601.CT4 PX168601.CT5 PX038601.CT6 PX088601.CT7 PX158601.CT8 GENETICS.CT9  
PX158601.CTA PX158601.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX058601 1986, CO2= 650,IRG=DRY,NIT=-,REP=1 PX050308.W86 AVONDALE.CT2  
PX078601.CT4 PX078601.CT5 PX078601.CT6 PX078601.CT7 PX058601.CT8 GENETICS.CT9  
PX058601.CTA PX058601.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX118601 1986, CO2= 650,IRG=DRY,NIT=-,REP=2 PX110308.W86 AVONDALE.CT2  
PX078601.CT4 PX078601.CT5 PX078601.CT6 PX078601.CT7 PX118601.CT8 GENETICS.CT9  
PX118601.CTA PX118601.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX068601 1986, CO2= 650, IRG=DRY, NIT=+, REP=1           PX060308.W86 AVONDALE.CT2  
 PX078601.CT4 PX078601.CT5 PX088601.CT6 PX088601.CT7 PX068601.CT8 GENETICS.CT9  
 PX068601.CTA PX068601.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX128601 1986, CO2= 650, IRG=DRY, NIT=+, REP=2           PX120308.W86 AVONDALE.CT2  
 PX078601.CT4 PX078601.CT5 PX088601.CT6 PX088601.CT7 PX128601.CT8 GENETICS.CT9  
 PX128601.CTA PX128601.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX048601 1986, CO2= 650, IRG=WET, NIT=-, REP=1           PX040308.W86 AVONDALE.CT2  
 PX078601.CT4 PX078601.CT5 PX028601.CT6 PX078601.CT7 PX048601.CT8 GENETICS.CT9  
 PX048601.CTA PX048601.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX138601 1986, CO2= 650, IRG=WET, NIT=-, REP=2           PX130308.W86 AVONGRAV.CT2  
 PX078601.CT4 PX168601.CT5 PX028601.CT6 PX078601.CT7 PX138601.CT8 GENETICS.CT9  
 PX138601.CTA PX138601.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX018601 1986, CO2= 650, IRG=WET, NIT=+, REP=1           PX010308.W86 AVONDALE.CT2  
 PX078601.CT4 PX078601.CT5 PX038601.CT6 PX088601.CT7 PX018601.CT8 GENETICS.CT9  
 PX018601.CTA PX018601.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX148601 1986, CO2= 650, IRG=WET, NIT=+, REP=2           PX140308.W86 AVONGRAV.CT2  
 PX078601.CT4 PX168601.CT5 PX038601.CT6 PX088601.CT7 PX148601.CT8 GENETICS.CT9  
 PX148601.CTA PX148601.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

FILENAME: WTH86.DIR

WEATHER FILE DIRECTORY FOR 1986

WTHID	WEATHER STATION	DESCRIPTION	BEGDATE	ENDDATE	WEATHER FILE
PX07	PHOENIX, AZ, AMB. CO2,	IRG=DRY, N-, REP=1	03/28/86	10/03/86	PX070308.W86
PX09	PHOENIX, AZ, AMB. CO2,	IRG=DRY, N-, REP=2	03/28/86	10/03/86	PX090308.W86
PX08	PHOENIX, AZ, AMB. CO2,	IRG=DRY, N+, REP=1	03/28/86	10/03/86	PX080308.W86
PX10	PHOENIX, AZ, AMB. CO2,	IRG=DRY, N+, REP=2	03/28/86	10/03/86	PX100308.W86
PX02	PHOENIX, AZ, AMB. CO2,	IRG=WET, N-, REP=1	03/28/86	10/03/86	PX020308.W86
PX16	PHOENIX, AZ, AMB. CO2,	IRG=WET, N-, REP=2	03/28/86	10/03/86	PX160308.W86
PX03	PHOENIX, AZ, AMB. CO2,	IRG=WET, N+, REP=1	03/28/86	10/03/86	PX030308.W86
PX15	PHOENIX, AZ, AMB. CO2,	IRG=WET, N+, REP=2	03/28/86	10/03/86	PX150308.W86
PX05	PHOENIX, AZ, CO2= 650,	IRG=DRY, N-, REP=1	03/28/86	10/03/86	PX050308.W86
PX11	PHOENIX, AZ, CO2= 650,	IRG=DRY, N-, REP=2	03/28/86	10/03/86	PX110308.W86
PX06	PHOENIX, AZ, CO2= 650,	IRG=DRY, N+, REP=1	03/28/86	10/03/86	PX060308.W86
PX12	PHOENIX, AZ, CO2= 650,	IRG=DRY, N+, REP=2	03/28/86	10/03/86	PX120308.W86
PX04	PHOENIX, AZ, CO2= 650,	IRG=WET, N-, REP=1	03/28/86	10/03/86	PX040308.W86
PX13	PHOENIX, AZ, CO2= 650,	IRG=WET, N-, REP=2	03/28/86	10/03/86	PX130308.W86
PX01	PHOENIX, AZ, CO2= 650,	IRG=WET, N+, REP=1	03/28/86	10/03/86	PX010308.W86
PX14	PHOENIX, AZ, CO2= 650,	IRG=WET, N+, REP=2	03/28/86	10/03/86	PX140308.W86

FILENAME: PX070308.W86

WEATHER DATA FOR CO2=AMBIENT, IRR=DRY, NIT=-, REP=#1

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC      ↓      CO2YR WINDYR  
 PX07 33.40 112.00 2.30 0 1 1 0 1 350 0.0

	IYR	SOLRAD	XTMIN	XPAR	DEWPT	STMIN	A00				
<u>INSTW</u>	<u>JUL</u>	<u>XTMAX</u>	<u>XRAIN</u>	<u>WIND</u>	<u>STMAX</u>	<u>CO2</u>					
PX07 86 87	21.53	38.6	20.3	0.0	0.00	202.2	-0.5	0.0	0.0	350	28-Mar
PX07 86 88	24.11	36.8	18.6	0.0	0.00	127.9	-1.4	0.0	0.0	350	29-Mar
PX07 86 89	23.48	37.4	15.6	0.0	0.00	82.8	1.5	0.0	0.0	350	30-Mar
PX07 86 90	10.93	33.5	18.5	0.0	0.00	121.0	0.6	0.0	0.0	350	31-Mar
PX07 86 91	17.70	31.8	19.6	0.0	0.00	162.0	-2.2	0.0	0.0	350	01-Apr
PX07 86 92	25.03	27.1	14.0	0.0	0.00	358.9	-1.7	0.0	0.0	350	02-Apr
PX07 86 93	26.40	28.8	8.3	0.0	0.00	111.3	0.9	0.0	0.0	350	03-Apr
PX07 86 94	26.54	31.8	10.3	0.0	0.00	141.9	1.1	0.0	0.0	350	04-Apr
PX07 86 95	26.78	35.6	10.5	0.0	0.00	204.3	-0.0	0.0	0.0	350	05-Apr
PX07 86 96	19.96	33.3	12.9	0.0	0.00	202.2	1.5	0.0	0.0	350	06-Apr
PX07 86 97	16.10	30.1	16.6	0.0	0.00	95.6	0.2	0.0	0.0	350	07-Apr
PX07 86 98	26.95	32.9	12.2	0.0	0.00	103.5	-0.9	0.0	0.0	350	08-Apr
PX07 86 99	27.50	33.9	11.3	0.0	0.00	86.0	1.3	0.0	0.0	350	09-Apr
PX07 86 100	17.10	32.0	14.4	0.0	0.00	108.0	1.3	0.0	0.0	350	10-Apr
PX07 86 101	24.30	33.6	14.0	0.0	0.00	121.0	1.3	0.0	0.0	350	11-Apr
PX07 86 102	20.70	34.1	19.9	0.0	0.00	173.0	1.3	0.0	0.0	350	12-Apr
PX07 86 103	27.40	30.7	14.5	0.0	0.00	233.0	1.3	0.0	0.0	350	13-Apr
PX07 86 104	26.70	34.6	10.9	0.0	0.00	122.0	1.3	0.0	0.0	350	14-Apr
PX07 86 105	25.50	36.2	17.2	0.0	0.00	145.0	1.5	0.0	0.0	350	15-Apr
PX07 86 106	24.20	33.3	20.0	0.0	0.00	293.5	1.3	0.0	0.0	350	16-Apr
PX07 86 107	28.50	27.8	15.3	0.0	0.00	271.5	1.1	0.0	0.0	350	17-Apr
PX07 86 108	28.70	30.1	9.4	0.0	0.00	165.0	1.3	0.0	0.0	350	18-Apr
PX07 86 109	28.80	32.7	9.7	0.0	0.00	97.0	1.3	0.0	0.0	350	19-Apr
PX07 86 110	29.00	35.3	13.6	0.0	0.00	100.0	1.3	0.0	0.0	350	20-Apr
PX07 86 111	28.70	38.0	16.5	0.0	0.00	120.0	1.5	0.0	0.0	350	21-Apr
PX07 86 112	26.30	37.7	17.3	0.0	0.00	175.0	1.5	0.0	0.0	350	22-Apr
PX07 86 113	23.90	35.5	20.4	0.0	0.00	184.0	1.5	0.0	0.0	350	23-Apr
PX07 86 114	24.80	34.7	19.4	0.0	0.00	287.0	1.5	0.0	0.0	350	24-Apr
PX07 86 115	26.30	34.7	19.9	0.0	0.00	305.0	1.5	0.0	0.0	350	25-Apr
PX07 86 116	28.80	32.8	20.0	0.0	0.00	271.8	1.3	0.0	0.0	350	26-Apr
PX07 86 117	29.90	33.6	13.2	0.0	0.00	112.0	1.3	0.0	0.0	350	27-Apr
PX07 86 118	28.10	36.1	15.3	0.0	0.00	120.0	1.5	0.0	0.0	350	28-Apr
PX07 86 119	27.30	36.2	16.6	0.0	0.00	123.0	1.5	0.0	0.0	350	29-Apr
PX07 86 120	26.40	36.6	17.2	0.0	0.00	125.0	1.5	0.0	0.0	350	30-Apr
PX07 86 121	25.40	38.3	19.9	0.0	0.00	190.1	1.5	0.0	0.0	350	01-May
PX07 86 122	28.20	40.6	18.4	0.0	0.00	138.2	1.7	0.0	0.0	350	02-May
PX07 86 123	28.80	38.6	19.5	0.0	0.00	120.0	1.7	0.0	0.0	350	03-May
PX07 86 124	30.10	32.3	18.1	0.0	0.00	190.1	3.9	0.0	0.0	350	04-May
PX07 86 125	29.90	34.8	14.6	0.0	0.00	121.0	1.3	0.0	0.0	350	05-May
PX07 86 126	27.80	31.4	16.2	0.0	0.00	233.3	5.4	0.0	0.0	350	06-May
PX07 86 127	28.90	24.7	13.7	0.0	0.00	293.8	2.3	0.0	0.0	350	07-May
PX07 86 128	30.20	29.4	9.5	0.0	0.00	146.9	2.1	0.0	0.0	350	08-May
PX07 86 129	31.80	32.0	11.0	0.0	0.00	164.2	-1.7	0.0	0.0	350	09-May
PX07 86 130	30.30	34.9	13.2	0.0	0.00	146.9	-3.8	0.0	0.0	350	10-May
PX07 86 131	30.70	36.0	15.5	0.0	0.00	155.5	-3.3	0.0	0.0	350	11-May
PX07 86 132	30.70	35.4	14.8	0.0	0.00	86.4	-4.1	0.0	0.0	350	12-May

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2	
PX07 86 133	30.40	36.9	15.5	0.0	0.00	120.9	-2.7	0.0	0.0	350	13-May	
PX07 86 134	29.10	35.4	16.4	0.0	0.00	138.2	-1.4	0.0	0.0	350	14-May	
PX07 86 135	25.50	37.4	17.1	0.0	0.00	207.4	-0.0	0.0	0.0	350	15-May	
PX07 86 136	31.20	36.5	19.2	0.0	0.00	207.4	2.1	0.0	0.0	350	16-May	
PX07 86 137	30.70	33.5	18.3	0.0	0.00	146.9	-2.2	0.0	0.0	350	17-May	
PX07 86 138	30.90	36.7	18.0	0.0	0.00	112.3	-0.9	0.0	0.0	350	18-May	
PX07 86 139	30.60	40.9	19.8	0.0	0.00	129.6	-0.2	0.0	0.0	350	19-May	
PX07 86 140	29.60	41.7	21.2	0.0	0.00	198.7	1.1	0.0	0.0	350	20-May	
PX07 86 141	22.63	37.5	22.0	0.0	0.00	190.1	1.1	0.0	0.0	350	21-May	
PX07 86 142	29.10	36.6	18.9	0.0	0.00	103.7	1.5	0.0	0.0	350	22-May	
PX07 86 143	27.90	36.6	21.8	0.0	0.00	146.9	3.2	0.0	0.0	350	23-May	
PX07 86 144	23.10	37.2	21.7	0.0	0.00	95.0	1.5	0.0	0.0	350	24-May	
PX07 86 145	29.90	40.1	19.8	0.0	0.00	129.6	3.0	0.0	0.0	350	25-May	
PX07 86 146	29.40	40.5	21.2	0.0	0.00	181.4	4.5	0.0	0.0	350	26-May	
PX07 86 147	29.80	40.7	21.3	0.0	0.00	129.6	7.1	0.0	0.0	350	27-May	
PX07 86 148	28.57	41.3	22.2	0.0	0.00	146.9	10.3	0.0	0.0	350	28-May	
PX07 86 149	26.90	39.4	24.4	0.0	0.00	164.2	13.4	0.0	0.0	350	29-May	
PX07 86 150	20.00	35.8	24.7	0.0	0.00	172.8	15.0	0.0	0.0	350	30-May	
PX07 86 151	25.50	37.6	21.7	0.0	0.00	172.8	15.8	0.0	0.0	350	31-May	
PX07 86 152	26.30	40.0	22.6	0.5	0.00	164.2	13.8	0.0	0.0	350	01-Jun	
PX07 86 153	25.14	39.2	22.5	0.0	0.00	181.4	15.9	0.0	0.0	350	02-Jun	
PX07 86 154	28.73	40.5	23.2	0.0	0.00	164.2	15.5	0.0	0.0	350	03-Jun	
PX07 86 155	29.30	39.9	25.6	0.0	0.00	164.2	16.4	0.0	0.0	350	04-Jun	
PX07 86 156	29.40	39.8	24.8	0.0	0.00	164.2	16.0	0.0	0.0	350	05-Jun	
PX07 86 157	30.60	39.4	20.0	0.0	0.00	103.7	13.2	0.0	0.0	350	06-Jun	
PX07 86 158	31.10	40.1	20.8	0.0	0.00	129.6	13.4	0.0	0.0	350	07-Jun	
PX07 86 159	31.30	38.5	21.7	0.0	0.00	164.2	12.5	0.0	0.0	350	08-Jun	
PX07 86 160	28.70	39.5	20.6	0.0	0.00	181.4	10.1	0.0	0.0	350	09-Jun	
PX07 86 161	31.00	40.2	19.2	0.0	0.00	112.3	9.5	0.0	0.0	350	10-Jun	
PX07 86 162	30.80	39.2	19.5	0.0	0.00	95.0	9.4	0.0	0.0	350	11-Jun	
PX07 86 163	31.00	39.9	20.1	0.0	0.00	120.9	10.0	0.0	0.0	350	12-Jun	
PX07 86 164	31.10	40.6	21.7	0.0	0.00	132.0	10.6	0.0	0.0	350	13-Jun	
PX07 86 165	31.30	41.2	21.4	0.0	0.00	114.0	11.3	0.0	0.0	350	14-Jun	
PX07 86 166	30.14	42.0	24.6	0.0	0.00	129.6	11.5	0.0	0.0	350	15-Jun	
PX07 86 167	29.50	41.4	24.5	0.0	0.00	155.5	9.7	0.0	0.0	350	16-Jun	
PX07 86 168	29.70	42.5	28.6	0.0	0.00	155.5	10.5	0.0	0.0	350	17-Jun	
PX07 86 169	30.60	39.0	23.5	0.0	0.00	172.8	7.4	0.0	0.0	350	18-Jun	
PX07 86 170	30.90	39.3	22.9	0.0	0.00	120.0	5.6	0.0	0.0	350	19-Jun	
PX07 86 171	31.30	40.5	21.5	0.0	0.00	155.5	5.8	0.0	0.0	350	20-Jun	
PX07 86 172	27.70	40.9	21.9	0.0	0.00	121.0	5.8	0.0	0.0	350	21-Jun	
PX07 86 173	24.10	38.5	21.7	0.0	0.00	172.8	5.8	0.0	0.0	350	22-Jun	
PX07 86 174	29.60	41.2	24.8	0.0	0.00	216.0	7.3	0.0	0.0	350	23-Jun	
PX07 86 175	28.90	40.2	27.1	0.0	0.00	337.0	12.0	0.0	0.0	350	24-Jun	
PX07 86 176	29.40	37.9	25.9	0.0	0.00	267.8	15.8	0.0	0.0	350	25-Jun	
PX07 86 177	29.30	39.8	25.8	0.0	0.00	95.0	15.0	0.0	0.0	350	26-Jun	
PX07 86 178	29.70	40.1	27.5	0.0	0.00	138.2	14.3	0.0	0.0	350	27-Jun	
PX07 86 179	20.70	39.6	28.9	0.0	0.00	138.2	14.1	0.0	0.0	350	28-Jun	
PX07 86 180	13.60	35.1	26.9	0.0	0.00	259.2	14.5	0.0	0.0	350	29-Jun	
PX07 86 181	28.30	37.5	24.1	0.0	0.00	138.2	17.9	0.0	0.0	350	30-Jun	
PX07 86 182	29.20	38.6	24.2	10.9	0.00	198.7	18.9	0.0	0.0	350	01-Jul	
PX07 86 183	28.30	35.5	24.5	14.0	0.00	121.0	22.0	0.0	0.0	350	02-Jul	
PX07 86 184	22.90	35.4	24.8	0.0	0.00	130.0	22.2	0.0	0.0	350	03-Jul	

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX07	86	185	22.60	33.6	23.7	1.3	0.00	190.1	20.3	0.0	0.0	350	04-Jul
PX07	86	186	30.90	35.5	23.0	0.0	0.00	181.4	14.7	0.0	0.0	350	05-Jul
PX07	86	187	30.70	37.0	21.7	0.0	0.00	181.4	12.1	0.0	0.0	350	06-Jul
PX07	86	188	18.40	36.4	26.9	0.0	0.00	181.4	15.5	0.0	0.0	350	07-Jul
PX07	86	189	29.80	38.5	25.4	0.0	0.00	155.5	16.9	0.0	0.0	350	08-Jul
PX07	86	190	29.80	36.7	26.8	0.0	0.00	172.8	17.9	0.0	0.0	350	09-Jul
PX07	86	191	29.30	37.0	27.8	0.0	0.00	155.5	17.6	0.0	0.0	350	10-Jul
PX07	86	192	29.60	37.4	27.3	0.0	0.00	146.9	17.4	0.0	0.0	350	11-Jul
PX07	86	193	30.40	38.5	25.8	0.0	0.00	164.2	14.8	0.0	0.0	350	12-Jul
PX07	86	194	26.70	37.7	25.6	0.0	0.00	198.7	16.4	0.0	0.0	350	13-Jul
PX07	86	195	22.12	35.6	27.9	0.0	0.00	207.4	18.7	0.0	0.0	350	14-Jul
PX07	86	196	25.80	36.1	25.9	0.0	0.00	198.7	18.7	0.0	0.0	350	15-Jul
PX07	86	197	23.30	34.8	25.3	0.0	0.00	302.4	18.7	0.0	0.0	350	16-Jul
PX07	86	198	30.70	34.9	23.1	0.0	0.00	181.4	18.4	0.0	0.0	350	17-Jul
PX07	86	199	22.40	35.6	26.5	0.0	0.00	138.2	18.5	0.0	0.0	350	18-Jul
PX07	86	200	28.00	39.4	26.1	0.0	0.00	181.4	17.9	0.0	0.0	350	19-Jul
PX07	86	201	26.40	40.6	22.3	0.0	0.00	164.2	17.2	0.0	0.0	350	20-Jul
PX07	86	202	13.41	28.1	21.1	15.2	0.00	146.9	20.2	0.0	0.0	350	21-Jul
PX07	86	203	28.20	33.2	21.2	0.0	0.00	121.0	19.7	0.0	0.0	350	22-Jul
PX07	86	204	19.40	34.3	23.0	0.0	0.00	172.8	18.0	0.0	0.0	350	23-Jul
PX07	86	205	28.70	36.0	25.3	0.0	0.00	241.9	17.7	0.0	0.0	350	24-Jul
PX07	86	206	26.50	36.3	24.1	0.0	0.00	250.6	18.7	0.0	0.0	350	25-Jul
PX07	86	207	29.70	37.3	21.9	0.0	0.00	112.3	19.4	0.0	0.0	350	26-Jul
PX07	86	208	29.40	38.3	20.3	0.0	0.00	103.7	20.9	0.0	0.0	350	27-Jul
PX07	86	209	25.00	38.6	21.3	0.0	0.00	69.1	13.9	0.0	0.0	350	28-Jul
PX07	86	210	28.30	38.6	24.0	0.0	0.00	198.7	14.0	0.0	0.0	350	29-Jul
PX07	86	211	29.10	38.7	22.4	0.0	0.00	146.9	11.6	0.0	0.0	350	30-Jul
PX07	86	212	28.80	40.4	22.9	0.0	0.00	146.9	11.1	0.0	0.0	350	31-Jul
PX07	86	213	27.70	39.6	25.0	0.0	0.00	164.2	13.6	0.0	0.0	350	01-Aug
PX07	86	214	25.40	39.9	28.6	0.0	0.00	181.4	18.0	0.0	0.0	350	02-Aug
PX07	86	215	20.50	41.0	26.6	0.0	0.00	103.7	15.9	0.0	0.0	350	03-Aug
PX07	86	216	27.70	43.2	27.5	0.0	0.00	138.2	15.0	0.0	0.0	350	04-Aug
PX07	86	217	26.20	40.4	28.3	0.0	0.00	129.6	18.3	0.0	0.0	350	05-Aug
PX07	86	218	22.70	36.8	27.5	0.0	0.00	164.2	20.6	0.0	0.0	350	06-Aug
PX07	86	219	27.30	39.6	27.3	2.8	0.00	198.7	20.0	0.0	0.0	350	07-Aug
PX07	86	220	20.24	36.7	26.3	0.0	0.00	172.8	19.1	0.0	0.0	350	08-Aug
PX07	86	221	27.10	39.3	26.9	1.1	0.00	155.5	18.9	0.0	0.0	350	09-Aug
PX07	86	222	25.00	38.4	26.1	0.0	0.00	155.5	19.8	0.0	0.0	350	10-Aug
PX07	86	223	21.90	40.2	27.2	0.0	0.00	172.8	20.6	0.0	0.0	350	11-Aug
PX07	86	224	24.20	37.7	27.9	0.0	0.00	129.6	20.4	0.0	0.0	350	12-Aug
PX07	86	225	26.60	38.9	26.8	0.0	0.00	112.3	21.3	0.0	0.0	350	13-Aug
PX07	86	226	26.50	39.1	27.5	0.0	0.00	138.2	21.3	0.0	0.0	350	14-Aug
PX07	86	227	27.10	38.8	27.7	0.0	0.00	150.0	19.7	0.0	0.0	350	15-Aug
PX07	86	228	26.60	39.1	27.6	0.0	0.00	146.9	20.9	0.0	0.0	350	16-Aug
PX07	86	229	19.70	37.8	28.5	0.0	0.00	198.7	21.2	0.0	0.0	350	17-Aug
PX07	86	230	14.70	38.2	26.9	0.0	0.00	95.0	18.9	0.0	0.0	350	18-Aug
PX07	86	231	25.30	42.8	26.9	0.0	0.00	95.0	18.1	0.0	0.0	350	19-Aug
PX07	86	232	25.00	41.2	28.0	0.0	0.00	112.3	18.7	0.0	0.0	350	20-Aug
PX07	86	233	21.70	40.8	27.3	0.0	0.00	205.0	17.8	0.0	0.0	350	21-Aug
PX07	86	234	26.90	40.4	26.6	0.0	0.00	131.0	16.9	0.0	0.0	350	22-Aug
PX07	86	235	18.70	40.1	25.9	0.0	0.00	241.9	15.6	0.0	0.0	350	23-Aug
PX07	86	236	17.80	34.6	24.4	0.0	0.00	121.0	19.7	0.0	0.0	350	24-Aug

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL	XTMAX		XRAIN		WIND		STMAX		CO2			
PX07	86	237	20.90	37.6	23.3	0.5	0.00	200.0	21.0	0.0	0.0	350	25-Aug
PX07	86	238	21.40	34.7	23.5	5.3	0.00	200.0	22.5	0.0	0.0	350	26-Aug
PX07	86	239	19.12	34.9	24.1	23.1	0.00	137.0	22.8	0.0	0.0	350	27-Aug
PX07	86	240	24.20	35.2	22.7	0.8	0.00	178.0	21.2	0.0	0.0	350	28-Aug
PX07	86	241	20.50	34.5	21.9	2.0	0.00	205.0	21.3	0.0	0.0	350	29-Aug
PX07	86	242	24.20	34.6	22.7	0.0	0.00	164.0	22.3	0.0	0.0	350	30-Aug
PX07	86	243	22.80	36.0	25.8	0.0	0.00	164.0	22.9	0.0	0.0	350	31-Aug
PX07	86	244	24.00	35.4	24.6	0.0	0.00	145.0	21.2	0.0	0.0	350	01-Sep
PX07	86	245	24.80	37.1	23.2	0.0	0.00	112.0	15.1	0.0	0.0	350	02-Sep
PX07	86	246	23.70	37.9	22.3	0.0	0.00	112.0	15.8	0.0	0.0	350	03-Sep
PX07	86	247	25.70	38.7	22.5	0.0	0.00	100.0	14.6	0.0	0.0	350	04-Sep
PX07	86	248	25.70	39.5	22.8	0.0	0.00	127.0	13.2	0.0	0.0	350	05-Sep
PX07	86	249	24.20	40.2	23.0	0.0	0.00	130.0	11.8	0.0	0.0	350	06-Sep
PX07	86	250	23.90	38.5	24.1	0.0	0.00	331.4	12.4	0.0	0.0	350	07-Sep
PX07	86	251	14.83	36.9	25.3	0.0	0.00	207.0	13.0	0.0	0.0	350	08-Sep
PX07	86	252	20.87	35.5	22.7	0.0	0.00	271.5	12.8	0.0	0.0	350	09-Sep
PX07	86	253	21.10	34.1	20.0	0.0	0.00	260.9	12.3	0.0	0.0	350	10-Sep
PX07	86	254	22.50	35.2	15.4	0.0	0.00	125.0	5.4	0.0	0.0	350	11-Sep
PX07	86	255	17.90	36.1	18.9	0.0	0.00	145.0	8.9	0.0	0.0	350	12-Sep
PX07	86	256	17.80	35.2	20.2	0.0	0.00	157.0	7.5	0.0	0.0	350	13-Sep
PX07	86	257	22.40	36.1	17.5	0.0	0.00	185.0	6.2	0.0	0.0	350	14-Sep
PX07	86	258	20.72	36.2	20.1	0.0	0.00	147.0	7.8	0.0	0.0	350	15-Sep
PX07	86	259	21.20	34.6	16.4	0.0	0.00	136.0	7.0	0.0	0.0	350	16-Sep
PX07	86	260	21.30	33.9	17.3	0.0	0.00	126.0	6.1	0.0	0.0	350	17-Sep
PX07	86	261	20.10	35.3	18.0	0.0	0.00	120.0	4.6	0.0	0.0	350	18-Sep
PX07	86	262	20.80	35.6	17.7	0.0	0.00	112.3	8.4	0.0	0.0	350	19-Sep
PX07	86	263	18.50	35.0	19.2	0.0	0.00	112.3	8.9	0.0	0.0	350	20-Sep
PX07	86	264	7.50	28.8	17.0	0.0	0.00	69.1	11.4	0.0	0.0	350	21-Sep
PX07	86	265	6.60	28.0	20.4	0.0	0.00	112.3	15.1	0.0	0.0	350	22-Sep
PX07	86	266	5.44	25.5	16.1	9.7	0.00	77.8	15.1	0.0	0.0	350	23-Sep
PX07	86	267	18.80	23.7	11.8	0.0	0.00	60.5	9.4	0.0	0.0	350	24-Sep
PX07	86	268	18.60	25.5	14.1	0.5	0.00	65.0	9.9	0.0	0.0	350	25-Sep
PX07	86	269	18.20	28.4	16.3	0.0	0.00	69.1	10.4	0.0	0.0	350	26-Sep
PX07	86	270	21.60	30.7	13.0	0.0	0.00	86.4	9.7	0.0	0.0	350	27-Sep
PX07	86	271	21.30	30.9	14.4	0.0	0.00	95.0	8.1	0.0	0.0	350	28-Sep
PX07	86	272	19.90	29.2	13.9	0.0	0.00	51.8	7.1	0.0	0.0	350	29-Sep
PX07	86	273	20.60	30.7	13.2	0.0	0.00	69.1	7.1	0.0	0.0	350	30-Sep
PX07	86	274	21.20	32.0	14.0	0.0	0.00	250.6	5.0	0.0	0.0	350	01-Oct
PX07	86	275	19.00	28.7	17.2	0.0	0.00	181.4	7.4	0.0	0.0	350	02-Oct
PX07	86	276	17.86	27.2	16.0	0.0	0.00	112.3	7.4	0.0	0.0	350	03-Oct



FILENAME: PX090308.W86

WEATHER DATA FOR CO2=AMBIENT, IRR=DRY, NIT--, REP=#2

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC      ↓      CO2YR WINDYR  
 PX09 33.40 112.00 2.30 0 1 1 0 1 350 0.0

INSTW	IYR	SOLRAD	XTMIN	XPAR	DEWPT	STMIN	A00
	JUL	XTMAX	XRAIN	WIND	STMAX	CO2	
PX09 86	87	21.53	38.6	20.3	0.0	0.00	28-Mar
PX09 86	88	24.11	36.8	18.6	0.0	0.00	29-Mar
PX09 86	89	23.48	37.4	15.6	0.0	0.00	30-Mar
PX09 86	90	10.93	33.5	18.5	0.0	0.00	31-Mar
PX09 86	91	17.70	31.8	19.6	0.0	0.00	01-Apr
PX09 86	92	25.03	27.1	14.0	0.0	0.00	02-Apr
PX09 86	93	26.40	28.8	8.3	0.0	0.00	03-Apr
PX09 86	94	26.54	31.8	10.3	0.0	0.00	04-Apr
PX09 86	95	26.78	35.6	10.5	0.0	0.00	05-Apr
PX09 86	96	19.96	33.3	12.9	0.0	0.00	06-Apr
PX09 86	97	16.10	30.1	16.6	0.0	0.00	07-Apr
PX09 86	98	26.95	32.9	12.2	0.0	0.00	08-Apr
PX09 86	99	27.50	34.0	11.6	0.0	0.00	09-Apr
PX09 86	100	17.10	32.2	14.5	0.0	0.00	10-Apr
PX09 86	101	24.30	33.8	14.1	0.0	0.00	11-Apr
PX09 86	102	20.70	34.3	19.7	0.0	0.00	12-Apr
PX09 86	103	27.40	30.8	14.6	0.0	0.00	13-Apr
PX09 86	104	26.70	34.8	11.2	0.0	0.00	14-Apr
PX09 86	105	25.50	36.5	17.2	0.0	0.00	15-Apr
PX09 86	106	24.20	33.5	19.8	0.0	0.00	16-Apr
PX09 86	107	28.50	27.8	15.4	0.0	0.00	17-Apr
PX09 86	108	28.70	30.2	9.7	0.0	0.00	18-Apr
PX09 86	109	28.80	32.8	10.0	0.0	0.00	19-Apr
PX09 86	110	29.00	35.5	13.7	0.0	0.00	20-Apr
PX09 86	111	28.70	38.3	16.5	0.0	0.00	21-Apr
PX09 86	112	26.30	37.9	17.3	0.0	0.00	22-Apr
PX09 86	113	23.90	35.7	20.2	0.0	0.00	23-Apr
PX09 86	114	24.80	34.9	19.2	0.0	0.00	24-Apr
PX09 86	115	26.30	34.9	19.7	0.0	0.00	25-Apr
PX09 86	116	28.80	32.9	19.8	0.0	0.00	26-Apr
PX09 86	117	29.90	33.8	13.3	0.0	0.00	27-Apr
PX09 86	118	28.10	36.4	15.4	0.0	0.00	28-Apr
PX09 86	119	27.30	36.5	16.6	0.0	0.00	29-Apr
PX09 86	120	26.40	36.8	17.2	0.0	0.00	30-Apr
PX09 86	121	25.40	38.6	19.7	0.0	0.00	01-May
PX09 86	122	28.20	40.9	18.4	0.0	0.00	02-May
PX09 86	123	28.80	38.9	19.3	0.0	0.00	03-May
PX09 86	124	30.10	32.9	18.1	0.0	0.00	04-May
PX09 86	125	29.90	33.4	14.2	0.0	0.00	05-May
PX09 86	126	27.80	31.8	16.4	0.0	0.00	06-May
PX09 86	127	28.90	25.0	13.4	0.0	0.00	07-May
PX09 86	128	30.20	29.7	10.0	0.0	0.00	08-May
PX09 86	129	31.80	32.6	11.6	0.0	0.00	09-May
PX09 86	130	30.30	35.8	13.6	0.0	0.00	10-May
PX09 86	131	30.70	36.8	15.7	0.0	0.00	11-May
PX09 86	132	30.70	35.9	15.0	0.0	0.00	12-May

INSTW	IYR	SOLRAD		XTMIN		XRAIN	XPAR		DEWPT		STMIN		A00
	JUL		XTMAX		WIND			STMAX	CO2				
PX09	86	133	30.40	37.5	15.8	0.0	0.00	120.9	-2.2	0.0	0.0	350	13-May
PX09	86	134	29.10	35.9	16.5	0.0	0.00	138.2	-0.9	0.0	0.0	350	14-May
PX09	86	135	25.50	37.4	17.6	0.0	0.00	207.4	-0.9	0.0	0.0	350	15-May
PX09	86	136	31.20	36.8	19.4	0.0	0.00	207.4	2.3	0.0	0.0	350	16-May
PX09	86	137	30.70	34.0	18.2	0.0	0.00	146.9	-1.9	0.0	0.0	350	17-May
PX09	86	138	30.90	38.0	17.7	0.0	0.00	112.3	-0.7	0.0	0.0	350	18-May
PX09	86	139	30.60	42.1	20.1	0.0	0.00	129.6	-0.2	0.0	0.0	350	19-May
PX09	86	140	29.60	42.3	21.0	0.0	0.00	198.7	1.3	0.0	0.0	350	20-May
PX09	86	141	22.63	38.0	21.7	0.0	0.00	190.1	1.5	0.0	0.0	350	21-May
PX09	86	142	29.10	36.8	19.3	0.0	0.00	103.7	1.9	0.0	0.0	350	22-May
PX09	86	143	27.90	37.4	21.7	0.0	0.00	146.9	3.6	0.0	0.0	350	23-May
PX09	86	144	23.10	37.7	21.5	0.0	0.00	95.0	2.1	0.0	0.0	350	24-May
PX09	86	145	29.90	40.9	19.9	0.0	0.00	129.6	4.3	0.0	0.0	350	25-May
PX09	86	146	29.40	40.7	21.3	0.0	0.00	181.4	5.9	0.0	0.0	350	26-May
PX09	86	147	29.80	40.8	21.3	0.0	0.00	129.6	8.1	0.0	0.0	350	27-May
PX09	86	148	28.57	41.5	22.4	0.0	0.00	146.9	10.6	0.0	0.0	350	28-May
PX09	86	149	26.90	39.8	24.4	0.0	0.00	164.2	13.6	0.0	0.0	350	29-May
PX09	86	150	20.00	36.2	24.7	0.0	0.00	172.8	14.9	0.0	0.0	350	30-May
PX09	86	151	25.50	38.2	21.8	0.0	0.00	172.8	15.8	0.0	0.0	350	31-May
PX09	86	152	26.30	40.2	22.3	0.5	0.00	164.2	13.7	0.0	0.0	350	01-Jun
PX09	86	153	25.14	41.6	22.8	0.0	0.00	181.4	16.4	0.0	0.0	350	02-Jun
PX09	86	154	28.73	40.3	23.2	0.0	0.00	164.2	16.2	0.0	0.0	350	03-Jun
PX09	86	155	29.30	39.7	25.7	0.0	0.00	164.2	17.8	0.0	0.0	350	04-Jun
PX09	86	156	29.40	40.0	24.6	0.0	0.00	164.2	17.0	0.0	0.0	350	05-Jun
PX09	86	157	30.60	39.8	19.0	0.0	0.00	103.7	15.0	0.0	0.0	350	06-Jun
PX09	86	158	31.10	40.1	20.8	0.0	0.00	129.6	13.4	0.0	0.0	350	07-Jun
PX09	86	159	31.30	38.5	21.6	0.0	0.00	164.2	14.9	0.0	0.0	350	08-Jun
PX09	86	160	28.70	39.6	20.7	0.0	0.00	181.4	10.4	0.0	0.0	350	09-Jun
PX09	86	161	31.00	40.5	19.4	0.0	0.00	112.3	6.4	0.0	0.0	350	10-Jun
PX09	86	162	30.80	39.8	19.4	0.0	0.00	95.0	9.5	0.0	0.0	350	11-Jun
PX09	86	163	31.00	40.5	20.3	0.0	0.00	120.9	9.3	0.0	0.0	350	12-Jun
PX09	86	164	31.10	41.2	21.2	0.0	0.00	132.0	8.8	0.0	0.0	350	13-Jun
PX09	86	165	31.30	41.9	22.2	0.0	0.00	114.0	8.9	0.0	0.0	350	14-Jun
PX09	86	166	30.14	42.4	24.9	0.0	0.00	129.6	11.3	0.0	0.0	350	15-Jun
PX09	86	167	29.50	42.1	24.7	0.0	0.00	155.5	9.5	0.0	0.0	350	16-Jun
PX09	86	168	29.70	43.3	28.0	0.0	0.00	155.5	12.9	0.0	0.0	350	17-Jun
PX09	86	169	30.60	39.3	23.4	0.0	0.00	172.8	10.4	0.0	0.0	350	18-Jun
PX09	86	170	30.90	39.9	22.8	0.0	0.00	120.0	9.8	0.0	0.0	350	19-Jun
PX09	86	171	31.30	41.1	21.6	0.0	0.00	155.5	8.4	0.0	0.0	350	20-Jun
PX09	86	172	27.70	41.6	22.2	0.0	0.00	121.0	7.5	0.0	0.0	350	21-Jun
PX09	86	173	24.10	39.1	22.1	0.0	0.00	172.8	8.2	0.0	0.0	350	22-Jun
PX09	86	174	29.60	41.9	24.9	0.0	0.00	216.0	8.8	0.0	0.0	350	23-Jun
PX09	86	175	28.90	41.4	27.5	0.0	0.00	337.0	13.0	0.0	0.0	350	24-Jun
PX09	86	176	29.40	38.2	26.3	0.0	0.00	267.8	16.4	0.0	0.0	350	25-Jun
PX09	86	177	29.30	40.1	26.0	0.0	0.00	95.0	15.0	0.0	0.0	350	26-Jun
PX09	86	178	29.70	40.7	27.7	0.0	0.00	138.2	14.1	0.0	0.0	350	27-Jun
PX09	86	179	20.70	39.2	29.1	0.0	0.00	138.2	14.9	0.0	0.0	350	28-Jun
PX09	86	180	13.60	35.5	27.0	0.0	0.00	259.2	15.3	0.0	0.0	350	29-Jun
PX09	86	181	28.30	38.0	24.5	0.0	0.00	138.2	16.9	0.0	0.0	350	30-Jun
PX09	86	182	29.20	38.9	23.6	10.9	0.00	198.7	18.8	0.0	0.0	350	01-Jul
PX09	86	183	28.30	36.0	24.4	14.0	0.00	121.0	22.1	0.0	0.0	350	02-Jul
PX09	86	184	22.90	36.1	24.6	0.0	0.00	130.0	22.2	0.0	0.0	350	03-Jul

	IYR	SOLRAD	XTMIN		XPAR		DEWPT		STMIN		A00		
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX	CO2			
PX09	86	185	22.60	34.2	23.7	1.3	0.00	190.1	20.3	0.0	0.0	350	04-Jul
PX09	86	186	30.90	35.9	23.4	0.0	0.00	181.4	16.4	0.0	0.0	350	05-Jul
PX09	86	187	30.70	37.5	21.8	0.0	0.00	181.4	12.1	0.0	0.0	350	06-Jul
PX09	86	188	18.40	36.3	27.0	0.0	0.00	181.4	13.8	0.0	0.0	350	07-Jul
PX09	86	189	29.80	38.6	25.5	0.0	0.00	155.5	16.0	0.0	0.0	350	08-Jul
PX09	86	190	29.80	36.9	26.8	0.0	0.00	172.8	18.1	0.0	0.0	350	09-Jul
PX09	86	191	29.30	37.3	27.7	0.0	0.00	155.5	18.1	0.0	0.0	350	10-Jul
PX09	86	192	29.60	37.7	27.2	0.0	0.00	146.9	17.4	0.0	0.0	350	11-Jul
PX09	86	193	30.40	38.2	25.7	0.0	0.00	164.2	13.3	0.0	0.0	350	12-Jul
PX09	86	194	26.70	37.6	25.6	0.0	0.00	198.7	16.5	0.0	0.0	350	13-Jul
PX09	86	195	22.12	35.5	28.0	0.0	0.00	207.4	18.7	0.0	0.0	350	14-Jul
PX09	86	196	25.80	36.0	26.2	0.0	0.00	198.7	19.3	0.0	0.0	350	15-Jul
PX09	86	197	23.30	35.1	25.3	0.0	0.00	302.4	19.3	0.0	0.0	350	16-Jul
PX09	86	198	30.70	35.2	23.3	0.0	0.00	181.4	19.2	0.0	0.0	350	17-Jul
PX09	86	199	22.40	35.8	26.5	0.0	0.00	138.2	19.2	0.0	0.0	350	18-Jul
PX09	86	200	28.00	39.5	26.3	0.0	0.00	181.4	18.8	0.0	0.0	350	19-Jul
PX09	86	201	26.40	41.1	22.3	0.0	0.00	164.2	16.7	0.0	0.0	350	20-Jul
PX09	86	202	13.41	28.5	20.7	15.2	0.00	146.9	20.4	0.0	0.0	350	21-Jul
PX09	86	203	28.20	33.6	21.2	0.0	0.00	121.0	20.4	0.0	0.0	350	22-Jul
PX09	86	204	19.40	33.7	23.1	0.0	0.00	172.8	18.7	0.0	0.0	350	23-Jul
PX09	86	205	28.70	36.8	25.4	0.0	0.00	241.9	20.0	0.0	0.0	350	24-Jul
PX09	86	206	26.50	36.4	24.1	0.0	0.00	250.6	19.1	0.0	0.0	350	25-Jul
PX09	86	207	29.70	37.8	22.3	0.0	0.00	112.3	19.5	0.0	0.0	350	26-Jul
PX09	86	208	29.40	39.2	20.8	0.0	0.00	103.7	20.1	0.0	0.0	350	27-Jul
PX09	86	209	25.00	39.8	21.5	0.0	0.00	69.1	14.1	0.0	0.0	350	28-Jul
PX09	86	210	28.30	40.6	24.3	0.0	0.00	198.7	14.9	0.0	0.0	350	29-Jul
PX09	86	211	29.10	39.1	22.5	0.0	0.00	146.9	12.9	0.0	0.0	350	30-Jul
PX09	86	212	28.80	41.4	23.0	0.0	0.00	146.9	14.1	0.0	0.0	350	31-Jul
PX09	86	213	27.70	40.3	24.3	0.0	0.00	164.2	16.2	0.0	0.0	350	01-Aug
PX09	86	214	25.40	41.7	28.7	0.0	0.00	181.4	18.2	0.0	0.0	350	02-Aug
PX09	86	215	20.50	42.3	27.0	0.0	0.00	103.7	16.3	0.0	0.0	350	03-Aug
PX09	86	216	27.70	44.9	27.7	0.0	0.00	138.2	15.3	0.0	0.0	350	04-Aug
PX09	86	217	26.20	41.5	28.7	0.0	0.00	129.6	16.9	0.0	0.0	350	05-Aug
PX09	86	218	22.70	37.9	27.4	0.0	0.00	164.2	18.6	0.0	0.0	350	06-Aug
PX09	86	219	27.30	39.9	27.1	2.8	0.00	198.7	17.9	0.0	0.0	350	07-Aug
PX09	86	220	20.24	37.4	26.6	0.0	0.00	172.8	18.0	0.0	0.0	350	08-Aug
PX09	86	221	27.10	40.0	26.9	1.1	0.00	155.5	17.7	0.0	0.0	350	09-Aug
PX09	86	222	25.00	40.9	26.5	0.0	0.00	155.5	18.8	0.0	0.0	350	10-Aug
PX09	86	223	21.90	40.9	27.6	0.0	0.00	172.8	19.6	0.0	0.0	350	11-Aug
PX09	86	224	24.20	38.5	28.2	0.0	0.00	129.6	20.6	0.0	0.0	350	12-Aug
PX09	86	225	26.60	39.7	27.0	0.0	0.00	112.3	20.9	0.0	0.0	350	13-Aug
PX09	86	226	26.50	42.0	27.9	0.0	0.00	138.2	20.2	0.0	0.0	350	14-Aug
PX09	86	227	27.10	39.9	28.0	0.0	0.00	150.0	18.6	0.0	0.0	350	15-Aug
PX09	86	228	26.60	40.2	27.6	0.0	0.00	146.9	19.6	0.0	0.0	350	16-Aug
PX09	86	229	19.70	39.6	29.8	0.0	0.00	198.7	19.4	0.0	0.0	350	17-Aug
PX09	86	230	14.70	39.2	26.8	0.0	0.00	95.0	18.7	0.0	0.0	350	18-Aug
PX09	86	231	25.30	45.2	27.1	0.0	0.00	95.0	17.6	0.0	0.0	350	19-Aug
PX09	86	232	25.00	42.2	28.1	0.0	0.00	112.3	18.8	0.0	0.0	350	20-Aug
PX09	86	233	21.70	40.7	28.0	0.0	0.00	205.0	18.0	0.0	0.0	350	21-Aug
PX09	86	234	26.90	41.4	27.1	0.0	0.00	131.0	17.0	0.0	0.0	350	22-Aug
PX09	86	235	18.70	40.8	26.1	0.0	0.00	241.9	16.1	0.0	0.0	350	23-Aug
PX09	86	236	17.80	35.5	24.7	0.0	0.00	121.0	19.7	0.0	0.0	350	24-Aug

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX	CO2			
PX09	86	237	20.90	38.3	23.1	0.5	0.00	200.0	19.4	0.0	0.0	350	25-Aug
PX09	86	238	21.40	34.9	23.5	5.3	0.00	200.0	20.8	0.0	0.0	350	26-Aug
PX09	86	239	19.12	35.1	24.3	23.1	0.00	137.0	21.3	0.0	0.0	350	27-Aug
PX09	86	240	24.20	35.3	24.2	0.8	0.00	178.0	20.4	0.0	0.0	350	28-Aug
PX09	86	241	20.50	36.0	22.1	2.0	0.00	205.0	19.3	0.0	0.0	350	29-Aug
PX09	86	242	24.20	35.5	22.9	0.0	0.00	164.0	16.1	0.0	0.0	350	30-Aug
PX09	86	243	22.80	36.5	26.2	0.0	0.00	164.0	17.0	0.0	0.0	350	31-Aug
PX09	86	244	24.00	36.0	24.9	0.0	0.00	145.0	17.3	0.0	0.0	350	01-Sep
PX09	86	245	24.80	40.9	23.6	0.0	0.00	112.0	15.3	0.0	0.0	350	02-Sep
PX09	86	246	23.70	38.6	22.7	0.0	0.00	112.0	13.7	0.0	0.0	350	03-Sep
PX09	86	247	25.70	39.3	22.9	0.0	0.00	100.0	13.6	0.0	0.0	350	04-Sep
PX09	86	248	25.70	40.0	23.1	0.0	0.00	127.0	13.4	0.0	0.0	350	05-Sep
PX09	86	249	24.20	40.8	23.4	0.0	0.00	130.0	13.3	0.0	0.0	350	06-Sep
PX09	86	250	23.90	41.9	26.7	0.0	0.00	331.4	10.4	0.0	0.0	350	07-Sep
PX09	86	251	14.83	39.1	25.6	0.0	0.00	207.0	14.5	0.0	0.0	350	08-Sep
PX09	86	252	20.87	38.6	22.8	0.0	0.00	271.5	13.4	0.0	0.0	350	09-Sep
PX09	86	253	21.10	38.1	20.0	0.0	0.00	260.9	12.2	0.0	0.0	350	10-Sep
PX09	86	254	22.50	35.5	15.8	0.0	0.00	125.0	5.9	0.0	0.0	350	11-Sep
PX09	86	255	17.90	38.5	19.4	0.0	0.00	145.0	9.3	0.0	0.0	350	12-Sep
PX09	86	256	17.80	37.1	20.7	0.0	0.00	157.0	8.1	0.0	0.0	350	13-Sep
PX09	86	257	22.40	37.8	17.5	0.0	0.00	185.0	7.0	0.0	0.0	350	14-Sep
PX09	86	258	20.72	36.7	20.0	0.0	0.00	147.0	8.6	0.0	0.0	350	15-Sep
PX09	86	259	21.20	34.1	16.9	0.0	0.00	136.0	8.0	0.0	0.0	350	16-Sep
PX09	86	260	21.30	33.2	17.6	0.0	0.00	126.0	7.3	0.0	0.0	350	17-Sep
PX09	86	261	20.10	34.2	16.8	0.0	0.00	120.0	6.2	0.0	0.0	350	18-Sep
PX09	86	262	20.80	36.0	18.2	0.0	0.00	112.3	7.4	0.0	0.0	350	19-Sep
PX09	86	263	18.50	36.8	19.6	0.0	0.00	112.3	9.4	0.0	0.0	350	20-Sep
PX09	86	264	7.50	28.8	17.2	0.0	0.00	69.1	9.7	0.0	0.0	350	21-Sep
PX09	86	265	6.60	27.9	20.4	0.0	0.00	112.3	12.1	0.0	0.0	350	22-Sep
PX09	86	266	5.44	24.9	17.6	9.7	0.00	77.8	15.4	0.0	0.0	350	23-Sep
PX09	86	267	18.80	23.9	11.7	0.0	0.00	60.5	9.4	0.0	0.0	350	24-Sep
PX09	86	268	18.60	25.7	14.3	0.5	0.00	65.0	7.1	0.0	0.0	350	25-Sep
PX09	86	269	18.20	28.6	16.5	0.0	0.00	69.1	8.5	0.0	0.0	350	26-Sep
PX09	86	270	21.60	30.8	13.3	0.0	0.00	86.4	9.7	0.0	0.0	350	27-Sep
PX09	86	271	21.30	28.2	14.2	0.0	0.00	95.0	12.6	0.0	0.0	350	28-Sep
PX09	86	272	19.90	27.2	12.5	0.0	0.00	51.8	11.9	0.0	0.0	350	29-Sep
PX09	86	273	20.60	28.0	12.0	0.0	0.00	69.1	12.0	0.0	0.0	350	30-Sep
PX09	86	274	21.20	30.3	12.7	0.0	0.00	250.6	10.7	0.0	0.0	350	01-Oct
PX09	86	275	19.00	26.6	14.3	0.0	0.00	181.4	12.4	0.0	0.0	350	02-Oct
PX09	86	276	17.86	26.5	13.9	0.0	0.00	112.3	11.8	0.0	0.0	350	03-Oct

FILENAME: PX080308.W86

WEATHER DATA FOR CO2=AMBIENT, IRR=DRY, NIT=+, REP=#1

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC      ↓      CO2YR WINDYR  
 PX08 33.40 112.00 2.30 0 1 1 0 1 350 0.0

	IYR	SOLRAD		XTMIN	XPAR	DEWPT	STMIN	A00					
<u>INSTW</u>	<u>JUL</u>	<u>XTMAX</u>	<u>XRAIN</u>	<u>WIND</u>	<u>STMAX</u>	<u>CO2</u>							
PX08	86	87	21.53	38.6	20.3	0.0	0.00	202.2	-0.5	0.0	0.0	350	28-Mar
PX08	86	88	24.11	36.8	18.6	0.0	0.00	127.9	-1.4	0.0	0.0	350	29-Mar
PX08	86	89	23.48	37.4	15.6	0.0	0.00	82.8	1.5	0.0	0.0	350	30-Mar
PX08	86	90	10.93	33.5	18.5	0.0	0.00	121.0	0.6	0.0	0.0	350	31-Mar
PX08	86	91	17.70	31.8	19.6	0.0	0.00	162.0	-2.2	0.0	0.0	350	01-Apr
PX08	86	92	25.03	27.1	14.0	0.0	0.00	358.9	-1.7	0.0	0.0	350	02-Apr
PX08	86	93	26.40	28.8	8.3	0.0	0.00	111.3	0.9	0.0	0.0	350	03-Apr
PX08	86	94	26.54	31.8	10.3	0.0	0.00	141.9	1.1	0.0	0.0	350	04-Apr
PX08	86	95	26.78	35.6	10.5	0.0	0.00	204.3	-0.0	0.0	0.0	350	05-Apr
PX08	86	96	19.96	33.3	12.9	0.0	0.00	202.2	1.5	0.0	0.0	350	06-Apr
PX08	86	97	16.10	30.1	16.6	0.0	0.00	95.6	0.2	0.0	0.0	350	07-Apr
PX08	86	98	26.95	32.9	12.2	0.0	0.00	103.5	-0.9	0.0	0.0	350	08-Apr
PX08	86	99	27.50	33.7	10.6	0.0	0.00	86.0	0.2	0.0	0.0	350	09-Apr
PX08	86	100	17.10	31.6	13.6	0.0	0.00	108.0	0.2	0.0	0.0	350	10-Apr
PX08	86	101	24.30	33.4	13.2	0.0	0.00	121.0	0.9	0.0	0.0	350	11-Apr
PX08	86	102	20.70	34.0	19.0	0.0	0.00	173.0	0.9	0.0	0.0	350	12-Apr
PX08	86	103	27.40	30.1	13.7	0.0	0.00	233.0	0.4	0.0	0.0	350	13-Apr
PX08	86	104	26.70	34.5	10.2	0.0	0.00	122.0	0.6	0.0	0.0	350	14-Apr
PX08	86	105	25.50	36.3	16.4	0.0	0.00	145.0	1.5	0.0	0.0	350	15-Apr
PX08	86	106	24.20	33.1	19.1	0.0	0.00	293.5	1.3	0.0	0.0	350	16-Apr
PX08	86	107	28.50	26.8	14.5	0.0	0.00	271.5	-0.2	0.0	0.0	350	17-Apr
PX08	86	108	28.70	29.5	8.7	0.0	0.00	165.0	0.2	0.0	0.0	350	18-Apr
PX08	86	109	28.80	32.3	9.0	0.0	0.00	97.0	0.2	0.0	0.0	350	19-Apr
PX08	86	110	29.00	35.3	12.8	0.0	0.00	100.0	1.1	0.0	0.0	350	20-Apr
PX08	86	111	28.70	38.3	15.7	0.0	0.00	120.0	1.9	0.0	0.0	350	21-Apr
PX08	86	112	26.30	37.9	16.5	0.0	0.00	175.0	1.9	0.0	0.0	350	22-Apr
PX08	86	113	23.90	35.5	19.5	0.0	0.00	184.0	1.9	0.0	0.0	350	23-Apr
PX08	86	114	24.80	34.6	18.5	0.0	0.00	287.0	1.7	0.0	0.0	350	24-Apr
PX08	86	115	26.30	34.6	19.0	0.0	0.00	305.0	1.5	0.0	0.0	350	25-Apr
PX08	86	116	28.80	32.4	19.1	0.0	0.00	271.8	1.1	0.0	0.0	350	26-Apr
PX08	86	117	29.90	33.4	12.4	0.0	0.00	112.0	0.6	0.0	0.0	350	27-Apr
PX08	86	118	28.10	36.2	14.5	0.0	0.00	120.0	1.5	0.0	0.0	350	28-Apr
PX08	86	119	27.30	36.3	15.8	0.0	0.00	123.0	1.5	0.0	0.0	350	29-Apr
PX08	86	120	26.40	36.7	16.4	0.0	0.00	125.0	1.7	0.0	0.0	350	30-Apr
PX08	86	121	25.40	38.6	19.0	0.0	0.00	190.1	2.1	0.0	0.0	350	01-May
PX08	86	122	28.20	41.2	17.6	0.0	0.00	138.2	2.9	0.0	0.0	350	02-May
PX08	86	123	28.80	39.0	18.6	0.0	0.00	120.0	2.7	0.0	0.0	350	03-May
PX08	86	124	30.10	31.9	17.3	0.0	0.00	190.1	1.3	0.0	0.0	350	04-May
PX08	86	125	29.90	34.1	12.3	0.0	0.00	121.0	1.9	0.0	0.0	350	05-May
PX08	86	126	27.80	31.1	15.5	0.0	0.00	233.3	1.1	0.0	0.0	350	06-May
PX08	86	127	28.90	24.0	13.0	0.0	0.00	293.8	-1.2	0.0	0.0	350	07-May
PX08	86	128	30.20	28.9	9.4	0.0	0.00	146.9	-1.4	0.0	0.0	350	08-May
PX08	86	129	31.80	31.5	10.9	0.0	0.00	164.2	-2.5	0.0	0.0	350	09-May
PX08	86	130	30.30	35.3	13.6	0.0	0.00	146.9	-2.7	0.0	0.0	350	10-May
PX08	86	131	30.70	36.4	15.2	0.0	0.00	155.5	-2.5	0.0	0.0	350	11-May
PX08	86	132	30.70	35.8	14.3	0.0	0.00	86.4	-3.3	0.0	0.0	350	12-May

	YR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX08	86	133	30.40	37.4	15.3	0.0	0.00	120.9	-2.2	0.0	0.0	350	13-May
PX08	86	134	29.10	36.1	16.1	0.0	0.00	138.2	-0.9	0.0	0.0	350	14-May
PX08	86	135	25.50	36.8	17.0	0.0	0.00	207.4	-0.0	0.0	0.0	350	15-May
PX08	86	136	31.20	37.0	18.9	0.0	0.00	207.4	2.3	0.0	0.0	350	16-May
PX08	86	137	30.70	34.1	17.9	0.0	0.00	146.9	-2.2	0.0	0.0	350	17-May
PX08	86	138	30.90	37.8	17.6	0.0	0.00	112.3	-0.7	0.0	0.0	350	18-May
PX08	86	139	30.60	42.1	19.6	0.0	0.00	129.6	-0.0	0.0	0.0	350	19-May
PX08	86	140	29.60	43.9	20.6	0.0	0.00	198.7	0.9	0.0	0.0	350	20-May
PX08	86	141	22.63	37.9	21.4	0.0	0.00	190.1	0.9	0.0	0.0	350	21-May
PX08	86	142	29.10	37.4	19.4	0.0	0.00	103.7	1.3	0.0	0.0	350	22-May
PX08	86	143	27.90	37.7	21.3	0.0	0.00	146.9	3.2	0.0	0.0	350	23-May
PX08	86	144	23.10	38.0	21.4	0.0	0.00	95.0	1.3	0.0	0.0	350	24-May
PX08	86	145	29.90	41.2	19.3	0.0	0.00	129.6	2.1	0.0	0.0	350	25-May
PX08	86	146	29.40	40.8	20.8	0.0	0.00	181.4	2.5	0.0	0.0	350	26-May
PX08	86	147	29.80	41.5	20.6	0.0	0.00	129.6	3.2	0.0	0.0	350	27-May
PX08	86	148	28.57	41.8	21.5	0.0	0.00	146.9	5.8	0.0	0.0	350	28-May
PX08	86	149	26.90	39.8	24.0	0.0	0.00	164.2	8.6	0.0	0.0	350	29-May
PX08	86	150	20.00	36.7	24.9	0.0	0.00	172.8	11.0	0.0	0.0	350	30-May
PX08	86	151	25.50	38.2	21.8	0.0	0.00	172.8	13.3	0.0	0.0	350	31-May
PX08	86	152	26.30	40.3	22.3	0.5	0.00	164.2	10.5	0.0	0.0	350	01-Jun
PX08	86	153	25.14	39.7	22.4	0.0	0.00	181.4	12.2	0.0	0.0	350	02-Jun
PX08	86	154	28.73	40.6	23.4	0.0	0.00	164.2	12.4	0.0	0.0	350	03-Jun
PX08	86	155	29.30	40.3	25.7	0.0	0.00	164.2	12.6	0.0	0.0	350	04-Jun
PX08	86	156	29.40	40.2	24.9	0.0	0.00	164.2	11.0	0.0	0.0	350	05-Jun
PX08	86	157	30.60	40.1	19.8	0.0	0.00	103.7	6.5	0.0	0.0	350	06-Jun
PX08	86	158	31.10	40.7	20.8	0.0	0.00	129.6	4.8	0.0	0.0	350	07-Jun
PX08	86	159	31.30	38.4	21.7	0.0	0.00	164.2	2.1	0.0	0.0	350	08-Jun
PX08	86	160	28.70	39.0	20.7	0.0	0.00	181.4	3.8	0.0	0.0	350	09-Jun
PX08	86	161	31.00	40.0	19.1	0.0	0.00	112.3	1.9	0.0	0.0	350	10-Jun
PX08	86	162	30.80	40.0	20.0	0.0	0.00	95.0	5.0	0.0	0.0	350	11-Jun
PX08	86	163	31.00	40.5	20.5	0.0	0.00	120.9	5.9	0.0	0.0	350	12-Jun
PX08	86	164	31.10	41.1	21.1	0.0	0.00	132.0	6.8	0.0	0.0	350	13-Jun
PX08	86	165	31.30	41.6	21.6	0.0	0.00	114.0	7.8	0.0	0.0	350	14-Jun
PX08	86	166	30.14	42.4	24.5	0.0	0.00	129.6	10.5	0.0	0.0	350	15-Jun
PX08	86	167	29.50	41.8	24.5	0.0	0.00	155.5	8.0	0.0	0.0	350	16-Jun
PX08	86	168	29.70	41.8	28.7	0.0	0.00	155.5	10.7	0.0	0.0	350	17-Jun
PX08	86	169	30.60	39.8	23.4	0.0	0.00	172.8	7.0	0.0	0.0	350	18-Jun
PX08	86	170	30.90	40.4	22.6	0.0	0.00	120.0	5.0	0.0	0.0	350	19-Jun
PX08	86	171	31.30	41.5	21.3	0.0	0.00	155.5	4.6	0.0	0.0	350	20-Jun
PX08	86	172	27.70	41.6	21.0	0.0	0.00	121.0	4.6	0.0	0.0	350	21-Jun
PX08	86	173	24.10	39.0	21.1	0.0	0.00	172.8	4.5	0.0	0.0	350	22-Jun
PX08	86	174	29.60	41.3	24.4	0.0	0.00	216.0	7.3	0.0	0.0	350	23-Jun
PX08	86	175	28.90	40.8	27.6	0.0	0.00	337.0	12.4	0.0	0.0	350	24-Jun
PX08	86	176	29.40	38.2	26.3	0.0	0.00	267.8	15.8	0.0	0.0	350	25-Jun
PX08	86	177	29.30	39.8	25.4	0.0	0.00	95.0	14.7	0.0	0.0	350	26-Jun
PX08	86	178	29.70	40.0	27.4	0.0	0.00	138.2	14.0	0.0	0.0	350	27-Jun
PX08	86	179	20.70	38.9	29.1	0.0	0.00	138.2	15.0	0.0	0.0	350	28-Jun
PX08	86	180	13.60	34.4	27.2	0.0	0.00	259.2	15.8	0.0	0.0	350	29-Jun
PX08	86	181	28.30	37.5	24.3	0.0	0.00	138.2	16.9	0.0	0.0	350	30-Jun
PX08	86	182	29.20	38.2	24.3	10.9	0.00	198.7	18.9	0.0	0.0	350	01-Jul
PX08	86	183	28.30	39.8	25.2	14.0	0.00	121.0	22.2	0.0	0.0	350	02-Jul
PX08	86	184	22.90	36.0	24.9	0.0	0.00	130.0	21.3	0.0	0.0	350	03-Jul

	IYR	SOLRAD	XTMIN		XPAR	DEWPT	STMIN	A00			
INSTW	JUL	XTMAX	XRAIN	WIND	STMAX	CO2					
PX08 86 185	22.60	34.5	23.7	1.3	0.00	190.1	20.2	0.0	0.0	350	04-Jul
PX08 86 186	30.90	36.7	22.9	0.0	0.00	181.4	15.9	0.0	0.0	350	05-Jul
PX08 86 187	30.70	38.4	21.6	0.0	0.00	181.4	14.0	0.0	0.0	350	06-Jul
PX08 86 188	18.40	37.0	26.9	0.0	0.00	181.4	15.8	0.0	0.0	350	07-Jul
PX08 86 189	29.80	39.5	25.2	0.0	0.00	155.5	15.1	0.0	0.0	350	08-Jul
PX08 86 190	29.80	37.1	26.7	0.0	0.00	172.8	17.4	0.0	0.0	350	09-Jul
PX08 86 191	29.30	37.7	27.6	0.0	0.00	155.5	17.7	0.0	0.0	350	10-Jul
PX08 86 192	29.60	37.9	27.0	0.0	0.00	146.9	17.1	0.0	0.0	350	11-Jul
PX08 86 193	30.40	38.2	26.0	0.0	0.00	164.2	12.3	0.0	0.0	350	12-Jul
PX08 86 194	26.70	37.2	25.5	0.0	0.00	198.7	15.8	0.0	0.0	350	13-Jul
PX08 86 195	22.12	34.9	27.8	0.0	0.00	207.4	18.4	0.0	0.0	350	14-Jul
PX08 86 196	25.80	36.2	25.9	0.0	0.00	198.7	18.9	0.0	0.0	350	15-Jul
PX08 86 197	23.30	35.6	25.4	0.0	0.00	302.4	18.7	0.0	0.0	350	16-Jul
PX08 86 198	30.70	35.7	23.2	0.0	0.00	181.4	18.4	0.0	0.0	350	17-Jul
PX08 86 199	22.40	36.7	26.6	0.0	0.00	138.2	18.6	0.0	0.0	350	18-Jul
PX08 86 200	28.00	40.4	26.1	0.0	0.00	181.4	18.0	0.0	0.0	350	19-Jul
PX08 86 201	26.40	41.6	22.2	0.0	0.00	164.2	16.0	0.0	0.0	350	20-Jul
PX08 86 202	13.41	28.5	20.7	15.2	0.00	146.9	20.2	0.0	0.0	350	21-Jul
PX08 86 203	28.20	34.3	21.1	0.0	0.00	121.0	19.7	0.0	0.0	350	22-Jul
PX08 86 204	19.40	35.7	23.0	0.0	0.00	172.8	17.3	0.0	0.0	350	23-Jul
PX08 86 205	28.70	37.1	25.3	0.0	0.00	241.9	17.6	0.0	0.0	350	24-Jul
PX08 86 206	26.50	37.1	24.0	0.0	0.00	250.6	14.3	0.0	0.0	350	25-Jul
PX08 86 207	29.70	38.4	21.7	0.0	0.00	112.3	11.4	0.0	0.0	350	26-Jul
PX08 86 208	29.40	39.5	19.9	0.0	0.00	103.7	9.2	0.0	0.0	350	27-Jul
PX08 86 209	25.00	39.8	21.2	0.0	0.00	69.1	13.4	0.0	0.0	350	28-Jul
PX08 86 210	28.30	39.9	23.8	0.0	0.00	198.7	13.3	0.0	0.0	350	29-Jul
PX08 86 211	29.10	39.7	22.3	0.0	0.00	146.9	13.2	0.0	0.0	350	30-Jul
PX08 86 212	28.80	41.1	22.6	0.0	0.00	146.9	14.1	0.0	0.0	350	31-Jul
PX08 86 213	27.70	40.0	24.6	0.0	0.00	164.2	14.3	0.0	0.0	350	01-Aug
PX08 86 214	25.40	40.0	28.5	0.0	0.00	181.4	18.4	0.0	0.0	350	02-Aug
PX08 86 215	20.50	41.7	26.2	0.0	0.00	103.7	16.9	0.0	0.0	350	03-Aug
PX08 86 216	27.70	44.4	27.3	0.0	0.00	138.2	15.4	0.0	0.0	350	04-Aug
PX08 86 217	26.20	41.0	28.6	0.0	0.00	129.6	16.5	0.0	0.0	350	05-Aug
PX08 86 218	22.70	37.7	27.7	0.0	0.00	164.2	18.1	0.0	0.0	350	06-Aug
PX08 86 219	27.30	39.6	27.4	2.8	0.00	198.7	17.6	0.0	0.0	350	07-Aug
PX08 86 220	20.24	37.5	26.2	0.0	0.00	172.8	18.4	0.0	0.0	350	08-Aug
PX08 86 221	27.10	39.6	26.7	1.1	0.00	155.5	16.3	0.0	0.0	350	09-Aug
PX08 86 222	25.00	39.4	26.1	0.0	0.00	155.5	18.9	0.0	0.0	350	10-Aug
PX08 86 223	21.90	43.0	27.3	0.0	0.00	172.8	19.8	0.0	0.0	350	11-Aug
PX08 86 224	24.20	38.7	27.6	0.0	0.00	129.6	20.3	0.0	0.0	350	12-Aug
PX08 86 225	26.60	39.4	26.8	0.0	0.00	112.3	20.6	0.0	0.0	350	13-Aug
PX08 86 226	26.50	39.5	27.5	0.0	0.00	138.2	19.9	0.0	0.0	350	14-Aug
PX08 86 227	27.10	39.3	27.3	0.0	0.00	150.0	18.0	0.0	0.0	350	15-Aug
PX08 86 228	26.60	39.8	27.3	0.0	0.00	146.9	18.7	0.0	0.0	350	16-Aug
PX08 86 229	19.70	38.6	28.8	0.0	0.00	198.7	19.1	0.0	0.0	350	17-Aug
PX08 86 230	14.70	42.2	27.1	0.0	0.00	95.0	18.9	0.0	0.0	350	18-Aug
PX08 86 231	25.30	44.0	26.4	0.0	0.00	95.0	18.9	0.0	0.0	350	19-Aug
PX08 86 232	25.00	42.2	28.3	0.0	0.00	112.3	18.7	0.0	0.0	350	20-Aug
PX08 86 233	21.70	41.7	27.5	0.0	0.00	205.0	17.6	0.0	0.0	350	21-Aug
PX08 86 234	26.90	41.1	26.8	0.0	0.00	131.0	16.7	0.0	0.0	350	22-Aug
PX08 86 235	18.70	40.6	26.1	0.0	0.00	241.9	15.7	0.0	0.0	350	23-Aug
PX08 86 236	17.80	34.8	24.5	0.0	0.00	121.0	19.6	0.0	0.0	350	24-Aug

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
<u>INSTW</u>	<u>JUL</u>	<u>XTMAX</u>		<u>XRAIN</u>		<u>WIND</u>	<u>STMAX</u>	<u>CO2</u>					
PX08	86	237	20.90	38.0	23.5	0.5	0.00	200.0	18.7	0.0	0.0	350	25-Aug
PX08	86	238	21.40	36.6	23.1	5.3	0.00	200.0	20.1	0.0	0.0	350	26-Aug
PX08	86	239	19.12	35.1	23.5	23.1	0.00	137.0	21.4	0.0	0.0	350	27-Aug
PX08	86	240	24.20	35.3	23.8	0.8	0.00	178.0	21.2	0.0	0.0	350	28-Aug
PX08	86	241	20.50	34.8	22.8	2.0	0.00	205.0	22.3	0.0	0.0	350	29-Aug
PX08	86	242	24.20	34.7	22.7	0.0	0.00	164.0	19.7	0.0	0.0	350	30-Aug
PX08	86	243	22.80	35.9	25.8	0.0	0.00	164.0	19.9	0.0	0.0	350	31-Aug
PX08	86	244	24.00	36.0	24.7	0.0	0.00	145.0	17.4	0.0	0.0	350	01-Sep
PX08	86	245	24.80	37.2	23.0	0.0	0.00	112.0	15.3	0.0	0.0	350	02-Sep
PX08	86	246	23.70	38.2	21.9	0.0	0.00	112.0	13.5	0.0	0.0	350	03-Sep
PX08	86	247	25.70	39.1	22.1	0.0	0.00	100.0	12.6	0.0	0.0	350	04-Sep
PX08	86	248	25.70	40.0	22.4	0.0	0.00	127.0	12.1	0.0	0.0	350	05-Sep
PX08	86	249	24.20	40.9	22.6	0.0	0.00	130.0	11.3	0.0	0.0	350	06-Sep
PX08	86	250	23.90	41.6	25.8	0.0	0.00	331.4	12.1	0.0	0.0	350	07-Sep
PX08	86	251	14.83	37.6	25.4	0.0	0.00	207.0	14.0	0.0	0.0	350	08-Sep
PX08	86	252	20.87	35.8	21.8	0.0	0.00	271.5	15.9	0.0	0.0	350	09-Sep
PX08	86	253	21.10	34.3	18.9	0.0	0.00	260.9	14.3	0.0	0.0	350	10-Sep
PX08	86	254	22.50	35.9	14.8	0.0	0.00	125.0	6.8	0.0	0.0	350	11-Sep
PX08	86	255	17.90	36.7	18.4	0.0	0.00	145.0	10.3	0.0	0.0	350	12-Sep
PX08	86	256	17.80	35.5	20.0	0.0	0.00	157.0	9.3	0.0	0.0	350	13-Sep
PX08	86	257	22.40	36.5	17.4	0.0	0.00	185.0	8.4	0.0	0.0	350	14-Sep
PX08	86	258	20.72	36.8	19.9	0.0	0.00	147.0	9.9	0.0	0.0	350	15-Sep
PX08	86	259	21.20	35.8	15.8	0.0	0.00	136.0	8.9	0.0	0.0	350	16-Sep
PX08	86	260	21.30	35.0	17.0	0.0	0.00	126.0	6.7	0.0	0.0	350	17-Sep
PX08	86	261	20.10	36.4	17.8	0.0	0.00	120.0	5.3	0.0	0.0	350	18-Sep
PX08	86	262	20.80	35.5	18.7	0.0	0.00	112.3	8.4	0.0	0.0	350	19-Sep
PX08	86	263	18.50	32.0	19.9	0.0	0.00	112.3	9.0	0.0	0.0	350	20-Sep
PX08	86	264	7.50	28.5	17.8	0.0	0.00	69.1	11.4	0.0	0.0	350	21-Sep
PX08	86	265	6.60	26.3	16.0	0.0	0.00	112.3	15.1	0.0	0.0	350	22-Sep
PX08	86	266	5.44	26.3	16.0	9.7	0.00	77.8	15.1	0.0	0.0	350	23-Sep
PX08	86	267	18.80	24.5	11.8	0.0	0.00	60.5	9.4	0.0	0.0	350	24-Sep
PX08	86	268	18.60	27.0	14.1	0.5	0.00	65.0	9.9	0.0	0.0	350	25-Sep
PX08	86	269	18.20	29.5	16.3	0.0	0.00	69.1	10.4	0.0	0.0	350	26-Sep
PX08	86	270	21.60	31.1	12.9	0.0	0.00	86.4	9.3	0.0	0.0	350	27-Sep
PX08	86	271	21.30	31.3	14.2	0.0	0.00	95.0	7.7	0.0	0.0	350	28-Sep
PX08	86	272	19.90	29.6	13.7	0.0	0.00	51.8	7.0	0.0	0.0	350	29-Sep
PX08	86	273	20.60	31.0	12.9	0.0	0.00	69.1	6.7	0.0	0.0	350	30-Sep
PX08	86	274	21.20	34.0	13.9	0.0	0.00	250.6	4.3	0.0	0.0	350	01-Oct
PX08	86	275	19.00	28.7	17.1	0.0	0.00	181.4	6.7	0.0	0.0	350	02-Oct
PX08	86	276	17.86	27.9	16.0	0.0	0.00	112.3	7.1	0.0	0.0	350	03-Oct



FILENAME: PX100308.W86

WEATHER DATA FOR CO2=AMBIENT, IRR=DRY, NIT=+, REP=#2

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC      ↓      CO2YR WINDYR  
 PX10 33.40 112.00 2.30 0 1 1 0 1 350 0.0

INSTW	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
		JUL		XTMAX		XRAIN		WIND		STMAX	CO2		
PX10	86	87	21.53	38.6	20.3	0.0	0.00	202.2	-0.5	0.0	0.0	350	28-Mar
PX10	86	88	24.11	36.8	18.6	0.0	0.00	127.9	-1.4	0.0	0.0	350	29-Mar
PX10	86	89	23.48	37.4	15.6	0.0	0.00	82.8	1.5	0.0	0.0	350	30-Mar
PX10	86	90	10.93	33.5	18.5	0.0	0.00	121.0	0.6	0.0	0.0	350	31-Mar
PX10	86	91	17.70	31.8	19.6	0.0	0.00	162.0	-2.2	0.0	0.0	350	01-Apr
PX10	86	92	25.03	27.1	14.0	0.0	0.00	358.9	-1.7	0.0	0.0	350	02-Apr
PX10	86	93	26.40	28.8	8.3	0.0	0.00	111.3	0.9	0.0	0.0	350	03-Apr
PX10	86	94	26.54	31.8	10.3	0.0	0.00	141.9	1.1	0.0	0.0	350	04-Apr
PX10	86	95	26.78	35.6	10.5	0.0	0.00	204.3	-0.0	0.0	0.0	350	05-Apr
PX10	86	96	19.96	33.3	12.9	0.0	0.00	202.2	1.5	0.0	0.0	350	06-Apr
PX10	86	97	16.10	30.1	16.6	0.0	0.00	95.6	0.2	0.0	0.0	350	07-Apr
PX10	86	98	26.95	32.9	12.2	0.0	0.00	103.5	-0.9	0.0	0.0	350	08-Apr
PX10	86	99	27.50	33.8	11.5	0.0	0.00	86.0	-1.9	0.0	0.0	350	09-Apr
PX10	86	100	17.10	31.9	14.4	0.0	0.00	108.0	-1.9	0.0	0.0	350	10-Apr
PX10	86	101	24.30	33.5	14.0	0.0	0.00	121.0	-1.4	0.0	0.0	350	11-Apr
PX10	86	102	20.70	34.1	19.6	0.0	0.00	173.0	-1.2	0.0	0.0	350	12-Apr
PX10	86	103	27.40	30.5	14.5	0.0	0.00	233.0	-1.9	0.0	0.0	350	13-Apr
PX10	86	104	26.70	34.6	11.1	0.0	0.00	122.0	-1.7	0.0	0.0	350	14-Apr
PX10	86	105	25.50	36.3	17.1	0.0	0.00	145.0	-0.2	0.0	0.0	350	15-Apr
PX10	86	106	24.20	33.3	19.7	0.0	0.00	293.5	-0.7	0.0	0.0	350	16-Apr
PX10	86	107	28.50	27.5	15.2	0.0	0.00	271.5	-2.7	0.0	0.0	350	17-Apr
PX10	86	108	28.70	29.9	9.6	0.0	0.00	165.0	-2.2	0.0	0.0	350	18-Apr
PX10	86	109	28.80	32.6	9.9	0.0	0.00	97.0	-1.9	0.0	0.0	350	19-Apr
PX10	86	110	29.00	35.4	13.6	0.0	0.00	100.0	-0.9	0.0	0.0	350	20-Apr
PX10	86	111	28.70	38.2	16.4	0.0	0.00	120.0	0.2	0.0	0.0	350	21-Apr
PX10	86	112	26.30	37.8	17.2	0.0	0.00	175.0	0.2	0.0	0.0	350	22-Apr
PX10	86	113	23.90	35.5	20.1	0.0	0.00	184.0	-0.0	0.0	0.0	350	23-Apr
PX10	86	114	24.80	34.7	19.1	0.0	0.00	287.0	-0.2	0.0	0.0	350	24-Apr
PX10	86	115	26.30	34.7	19.6	0.0	0.00	305.0	-0.5	0.0	0.0	350	25-Apr
PX10	86	116	28.80	32.7	19.7	0.0	0.00	271.8	-0.9	0.0	0.0	350	26-Apr
PX10	86	117	29.90	33.5	13.2	0.0	0.00	112.0	-1.4	0.0	0.0	350	27-Apr
PX10	86	118	28.10	36.2	15.2	0.0	0.00	120.0	-0.5	0.0	0.0	350	28-Apr
PX10	86	119	27.30	36.3	16.5	0.0	0.00	123.0	-0.2	0.0	0.0	350	29-Apr
PX10	86	120	26.40	36.7	17.1	0.0	0.00	125.0	-0.0	0.0	0.0	350	30-Apr
PX10	86	121	25.40	38.5	19.6	0.0	0.00	190.1	-0.5	0.0	0.0	350	01-May
PX10	86	122	28.20	40.9	18.2	0.0	0.00	138.2	1.5	0.0	0.0	350	02-May
PX10	86	123	28.80	38.8	19.2	0.0	0.00	120.0	1.5	0.0	0.0	350	03-May
PX10	86	124	30.10	32.2	18.0	0.0	0.00	190.1	-0.9	0.0	0.0	350	04-May
PX10	86	125	29.90	33.5	13.9	0.0	0.00	121.0	-4.7	0.0	0.0	350	05-May
PX10	86	126	27.80	31.5	16.3	0.0	0.00	233.3	1.5	0.0	0.0	350	06-May
PX10	86	127	28.90	24.6	13.4	0.0	0.00	293.8	-1.2	0.0	0.0	350	07-May
PX10	86	128	30.20	29.4	10.0	0.0	0.00	146.9	-2.2	0.0	0.0	350	08-May
PX10	86	129	31.80	32.2	11.4	0.0	0.00	164.2	-3.5	0.0	0.0	350	09-May
PX10	86	130	30.30	35.7	13.6	0.0	0.00	146.9	-3.5	0.0	0.0	350	10-May
PX10	86	131	30.70	36.5	15.6	0.0	0.00	155.5	-3.3	0.0	0.0	350	11-May
PX10	86	132	30.70	35.7	14.8	0.0	0.00	86.4	-3.8	0.0	0.0	350	12-May

	IYR	SOLRAD	XTMIN		XPAR		DEWPT		STMIN		A00
INSTW	JUL	XTMAX	XRAIN	WIND	STMAX	CO2					
PX10 86 133	30.40	37.2	15.7	0.0	0.00	120.9	-2.2	0.0	0.0	350	13-May
PX10 86 134	29.10	35.9	16.5	0.0	0.00	138.2	-1.2	0.0	0.0	350	14-May
PX10 86 135	25.50	37.0	17.5	0.0	0.00	207.4	-0.9	0.0	0.0	350	15-May
PX10 86 136	31.20	36.9	19.2	0.0	0.00	207.4	2.3	0.0	0.0	350	16-May
PX10 86 137	30.70	33.9	18.1	0.0	0.00	146.9	-1.9	0.0	0.0	350	17-May
PX10 86 138	30.90	37.7	17.8	0.0	0.00	112.3	-0.7	0.0	0.0	350	18-May
PX10 86 139	30.60	42.2	19.9	0.0	0.00	129.6	-0.0	0.0	0.0	350	19-May
PX10 86 140	29.60	42.4	20.9	0.0	0.00	198.7	1.3	0.0	0.0	350	20-May
PX10 86 141	22.63	37.5	21.6	0.0	0.00	190.1	1.5	0.0	0.0	350	21-May
PX10 86 142	29.10	36.7	19.1	0.0	0.00	103.7	1.9	0.0	0.0	350	22-May
PX10 86 143	27.90	37.2	21.6	0.0	0.00	146.9	3.9	0.0	0.0	350	23-May
PX10 86 144	23.10	37.5	21.3	0.0	0.00	95.0	2.7	0.0	0.0	350	24-May
PX10 86 145	29.90	40.7	19.7	0.0	0.00	129.6	4.3	0.0	0.0	350	25-May
PX10 86 146	29.40	40.8	21.1	0.0	0.00	181.4	5.0	0.0	0.0	350	26-May
PX10 86 147	29.80	40.9	21.2	0.0	0.00	129.6	6.5	0.0	0.0	350	27-May
PX10 86 148	28.57	41.5	22.2	0.0	0.00	146.9	8.8	0.0	0.0	350	28-May
PX10 86 149	26.90	39.6	24.2	0.0	0.00	164.2	11.3	0.0	0.0	350	29-May
PX10 86 150	20.00	36.1	24.8	0.0	0.00	172.8	13.2	0.0	0.0	350	30-May
PX10 86 151	25.50	38.0	21.7	0.0	0.00	172.8	15.0	0.0	0.0	350	31-May
PX10 86 152	26.30	40.3	22.4	0.5	0.00	164.2	13.1	0.0	0.0	350	01-Jun
PX10 86 153	25.14	39.6	22.7	0.0	0.00	181.4	14.8	0.0	0.0	350	02-Jun
PX10 86 154	28.73	40.5	23.2	0.0	0.00	164.2	15.3	0.0	0.0	350	03-Jun
PX10 86 155	29.30	39.8	25.6	0.0	0.00	164.2	16.1	0.0	0.0	350	04-Jun
PX10 86 156	29.40	40.2	24.7	0.0	0.00	164.2	15.0	0.0	0.0	350	05-Jun
PX10 86 157	30.60	40.0	19.8	0.0	0.00	103.7	12.1	0.0	0.0	350	06-Jun
PX10 86 158	31.10	40.7	20.8	0.0	0.00	129.6	4.8	0.0	0.0	350	07-Jun
PX10 86 159	31.30	38.8	21.6	0.0	0.00	164.2	6.2	0.0	0.0	350	08-Jun
PX10 86 160	28.70	39.7	20.7	0.0	0.00	181.4	6.8	0.0	0.0	350	09-Jun
PX10 86 161	31.00	40.6	19.4	0.0	0.00	112.3	2.1	0.0	0.0	350	10-Jun
PX10 86 162	30.80	39.6	19.4	0.0	0.00	95.0	5.6	0.0	0.0	350	11-Jun
PX10 86 163	31.00	39.6	19.4	0.0	0.00	120.9	6.4	0.0	0.0	350	12-Jun
PX10 86 164	31.10	40.4	20.3	0.0	0.00	132.0	7.0	0.0	0.0	350	13-Jun
PX10 86 165	31.30	41.2	21.2	0.0	0.00	114.0	7.7	0.0	0.0	350	14-Jun
PX10 86 166	30.14	42.0	22.1	0.0	0.00	129.6	8.2	0.0	0.0	350	15-Jun
PX10 86 167	29.50	42.7	24.7	0.0	0.00	155.5	8.6	0.0	0.0	350	16-Jun
PX10 86 168	29.70	43.7	28.7	0.0	0.00	155.5	10.7	0.0	0.0	350	17-Jun
PX10 86 169	30.60	39.6	23.6	0.0	0.00	172.8	7.5	0.0	0.0	350	18-Jun
PX10 86 170	30.90	40.3	22.7	0.0	0.00	120.0	5.8	0.0	0.0	350	19-Jun
PX10 86 171	31.30	41.5	21.6	0.0	0.00	155.5	6.1	0.0	0.0	350	20-Jun
PX10 86 172	27.70	42.1	22.1	0.0	0.00	121.0	6.8	0.0	0.0	350	21-Jun
PX10 86 173	24.10	39.7	22.6	0.0	0.00	172.8	8.0	0.0	0.0	350	22-Jun
PX10 86 174	29.60	42.6	24.9	0.0	0.00	216.0	8.5	0.0	0.0	350	23-Jun
PX10 86 175	28.90	41.8	27.3	0.0	0.00	337.0	12.5	0.0	0.0	350	24-Jun
PX10 86 176	29.40	38.3	26.2	0.0	0.00	267.8	16.0	0.0	0.0	350	25-Jun
PX10 86 177	29.30	40.3	25.9	0.0	0.00	95.0	14.8	0.0	0.0	350	26-Jun
PX10 86 178	29.70	40.7	27.7	0.0	0.00	138.2	13.7	0.0	0.0	350	27-Jun
PX10 86 179	20.70	39.6	29.3	0.0	0.00	138.2	14.4	0.0	0.0	350	28-Jun
PX10 86 180	13.60	34.9	27.2	0.0	0.00	259.2	15.1	0.0	0.0	350	29-Jun
PX10 86 181	28.30	38.2	24.5	0.0	0.00	138.2	16.6	0.0	0.0	350	30-Jun
PX10 86 182	29.20	39.1	23.4	10.9	0.00	198.7	18.7	0.0	0.0	350	01-Jul
PX10 86 183	28.30	36.6	24.4	14.0	0.00	121.0	22.0	0.0	0.0	350	02-Jul
PX10 86 184	22.90	36.6	24.5	0.0	0.00	130.0	22.2	0.0	0.0	350	03-Jul

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX10	86	185	22.60	34.4	23.6	1.3	0.00	190.1	20.3	0.0	0.0	350	04-Jul
PX10	86	186	30.90	36.4	23.3	0.0	0.00	181.4	14.6	0.0	0.0	350	05-Jul
PX10	86	187	30.70	37.9	21.8	0.0	0.00	181.4	11.9	0.0	0.0	350	06-Jul
PX10	86	188	18.40	36.6	27.1	0.0	0.00	181.4	14.2	0.0	0.0	350	07-Jul
PX10	86	189	29.80	39.1	25.6	0.0	0.00	155.5	17.3	0.0	0.0	350	08-Jul
PX10	86	190	29.80	36.8	26.7	0.0	0.00	172.8	19.6	0.0	0.0	350	09-Jul
PX10	86	191	29.30	37.3	27.7	0.0	0.00	155.5	19.8	0.0	0.0	350	10-Jul
PX10	86	192	29.60	37.7	27.3	0.0	0.00	146.9	19.6	0.0	0.0	350	11-Jul
PX10	86	193	30.40	38.4	26.0	0.0	0.00	164.2	13.6	0.0	0.0	350	12-Jul
PX10	86	194	26.70	37.7	25.8	0.0	0.00	198.7	15.6	0.0	0.0	350	13-Jul
PX10	86	195	22.12	35.8	28.1	0.0	0.00	207.4	18.0	0.0	0.0	350	14-Jul
PX10	86	196	25.80	36.2	26.1	0.0	0.00	198.7	17.9	0.0	0.0	350	15-Jul
PX10	86	197	23.30	35.2	25.3	0.0	0.00	302.4	18.9	0.0	0.0	350	16-Jul
PX10	86	198	30.70	35.4	23.3	0.0	0.00	181.4	18.9	0.0	0.0	350	17-Jul
PX10	86	199	22.40	36.1	26.6	0.0	0.00	138.2	18.7	0.0	0.0	350	18-Jul
PX10	86	200	28.00	40.1	26.4	0.0	0.00	181.4	18.9	0.0	0.0	350	19-Jul
PX10	86	201	26.40	41.8	22.3	0.0	0.00	164.2	18.4	0.0	0.0	350	20-Jul
PX10	86	202	13.41	28.3	20.7	15.2	0.00	146.9	19.4	0.0	0.0	350	21-Jul
PX10	86	203	28.20	33.8	21.2	0.0	0.00	121.0	20.4	0.0	0.0	350	22-Jul
PX10	86	204	19.40	36.2	23.1	0.0	0.00	172.8	20.0	0.0	0.0	350	23-Jul
PX10	86	205	28.70	36.6	25.7	0.0	0.00	241.9	18.9	0.0	0.0	350	24-Jul
PX10	86	206	26.50	37.7	24.2	0.0	0.00	250.6	16.8	0.0	0.0	350	25-Jul
PX10	86	207	29.70	38.1	20.6	0.0	0.00	112.3	14.7	0.0	0.0	350	26-Jul
PX10	86	208	29.40	39.8	20.7	0.0	0.00	103.7	8.8	0.0	0.0	350	27-Jul
PX10	86	209	25.00	40.1	21.5	0.0	0.00	69.1	10.6	0.0	0.0	350	28-Jul
PX10	86	210	28.30	39.5	24.4	0.0	0.00	198.7	13.9	0.0	0.0	350	29-Jul
PX10	86	211	29.10	39.2	22.6	0.0	0.00	146.9	11.9	0.0	0.0	350	30-Jul
PX10	86	212	28.80	41.5	23.0	0.0	0.00	146.9	11.2	0.0	0.0	350	31-Jul
PX10	86	213	27.70	40.6	25.6	0.0	0.00	164.2	13.7	0.0	0.0	350	01-Aug
PX10	86	214	25.40	40.9	28.8	0.0	0.00	181.4	17.9	0.0	0.0	350	02-Aug
PX10	86	215	20.50	42.6	26.9	0.0	0.00	103.7	16.1	0.0	0.0	350	03-Aug
PX10	86	216	27.70	45.1	27.6	0.0	0.00	138.2	14.8	0.0	0.0	350	04-Aug
PX10	86	217	26.20	42.2	28.6	0.0	0.00	129.6	16.3	0.0	0.0	350	05-Aug
PX10	86	218	22.70	38.5	27.7	0.0	0.00	164.2	18.2	0.0	0.0	350	06-Aug
PX10	86	219	27.30	40.6	27.7	2.8	0.00	198.7	17.8	0.0	0.0	350	07-Aug
PX10	86	220	20.24	37.8	26.5	0.0	0.00	172.8	18.0	0.0	0.0	350	08-Aug
PX10	86	221	27.10	40.8	27.1	1.1	0.00	155.5	18.0	0.0	0.0	350	09-Aug
PX10	86	222	25.00	39.8	26.3	0.0	0.00	155.5	19.2	0.0	0.0	350	10-Aug
PX10	86	223	21.90	41.8	27.5	0.0	0.00	172.8	20.1	0.0	0.0	350	11-Aug
PX10	86	224	24.20	38.9	27.9	0.0	0.00	129.6	19.9	0.0	0.0	350	12-Aug
PX10	86	225	26.60	40.2	27.1	0.0	0.00	112.3	20.2	0.0	0.0	350	13-Aug
PX10	86	226	26.50	40.6	28.0	0.0	0.00	138.2	19.5	0.0	0.0	350	14-Aug
PX10	86	227	27.10	40.3	28.1	0.0	0.00	150.0	17.3	0.0	0.0	350	15-Aug
PX10	86	228	26.60	40.6	27.8	0.0	0.00	146.9	18.0	0.0	0.0	350	16-Aug
PX10	86	229	19.70	39.1	28.6	0.0	0.00	198.7	18.6	0.0	0.0	350	17-Aug
PX10	86	230	14.70	39.6	27.1	0.0	0.00	95.0	18.6	0.0	0.0	350	18-Aug
PX10	86	231	25.30	44.6	27.4	0.0	0.00	95.0	17.7	0.0	0.0	350	19-Aug
PX10	86	232	25.00	42.4	28.5	0.0	0.00	112.3	18.5	0.0	0.0	350	20-Aug
PX10	86	233	21.70	41.9	27.8	0.0	0.00	205.0	17.7	0.0	0.0	350	21-Aug
PX10	86	234	26.90	41.4	27.1	0.0	0.00	131.0	16.8	0.0	0.0	350	22-Aug
PX10	86	235	18.70	40.9	26.4	0.0	0.00	241.9	15.6	0.0	0.0	350	23-Aug
PX10	86	236	17.80	35.1	24.7	0.0	0.00	121.0	19.5	0.0	0.0	350	24-Aug

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL	XTMAX		XRAIN		WIND		STMAX		CO2			
PX10	86	237	20.90	38.5	23.0	0.5	0.00	200.0	19.3	0.0	0.0	350	25-Aug
PX10	86	238	21.40	35.3	23.5	5.3	0.00	200.0	20.7	0.0	0.0	350	26-Aug
PX10	86	239	19.12	35.4	23.4	23.1	0.00	137.0	21.4	0.0	0.0	350	27-Aug
PX10	86	240	24.20	35.3	24.0	0.8	0.00	178.0	20.4	0.0	0.0	350	28-Aug
PX10	86	241	20.50	35.9	24.1	2.0	0.00	205.0	20.8	0.0	0.0	350	29-Aug
PX10	86	242	24.20	35.3	22.9	0.0	0.00	164.0	19.9	0.0	0.0	350	30-Aug
PX10	86	243	22.80	36.5	26.2	0.0	0.00	164.0	20.2	0.0	0.0	350	31-Aug
PX10	86	244	24.00	36.0	24.8	0.0	0.00	145.0	17.7	0.0	0.0	350	01-Sep
PX10	86	245	24.80	37.6	23.7	0.0	0.00	112.0	15.5	0.0	0.0	350	02-Sep
PX10	86	246	23.70	38.5	22.9	0.0	0.00	112.0	15.4	0.0	0.0	350	03-Sep
PX10	86	247	25.70	39.2	22.7	0.0	0.00	100.0	14.5	0.0	0.0	350	04-Sep
PX10	86	248	25.70	39.9	22.5	0.0	0.00	127.0	13.4	0.0	0.0	350	05-Sep
PX10	86	249	24.20	40.6	22.1	0.0	0.00	130.0	12.4	0.0	0.0	350	06-Sep
PX10	86	250	23.90	41.9	26.7	0.0	0.00	331.4	11.3	0.0	0.0	350	07-Sep
PX10	86	251	14.83	37.8	25.5	0.0	0.00	207.0	14.6	0.0	0.0	350	08-Sep
PX10	86	252	20.87	36.4	22.6	0.0	0.00	271.5	13.4	0.0	0.0	350	09-Sep
PX10	86	253	21.10	34.3	20.1	0.0	0.00	260.9	12.1	0.0	0.0	350	10-Sep
PX10	86	254	22.50	36.0	15.8	0.0	0.00	125.0	6.1	0.0	0.0	350	11-Sep
PX10	86	255	17.90	36.7	19.4	0.0	0.00	145.0	9.4	0.0	0.0	350	12-Sep
PX10	86	256	17.80	35.4	20.6	0.0	0.00	157.0	8.5	0.0	0.0	350	13-Sep
PX10	86	257	22.40	36.5	17.5	0.0	0.00	185.0	7.3	0.0	0.0	350	14-Sep
PX10	86	258	20.72	36.6	20.1	0.0	0.00	147.0	9.0	0.0	0.0	350	15-Sep
PX10	86	259	21.20	35.1	16.7	0.0	0.00	136.0	8.4	0.0	0.0	350	16-Sep
PX10	86	260	21.30	34.3	17.7	0.0	0.00	126.0	6.7	0.0	0.0	350	17-Sep
PX10	86	261	20.10	34.2	16.8	0.0	0.00	120.0	7.1	0.0	0.0	350	18-Sep
PX10	86	262	20.80	35.5	18.2	0.0	0.00	112.3	6.5	0.0	0.0	350	19-Sep
PX10	86	263	18.50	34.8	19.5	0.0	0.00	112.3	8.8	0.0	0.0	350	20-Sep
PX10	86	264	7.50	28.9	17.2	0.0	0.00	69.1	9.2	0.0	0.0	350	21-Sep
PX10	86	265	6.60	27.9	16.6	0.0	0.00	112.3	11.6	0.0	0.0	350	22-Sep
PX10	86	266	5.44	25.5	16.1	9.7	0.00	77.8	15.2	0.0	0.0	350	23-Sep
PX10	86	267	18.80	23.9	11.7	0.0	0.00	60.5	9.4	0.0	0.0	350	24-Sep
PX10	86	268	18.60	26.2	14.1	0.5	0.00	65.0	9.7	0.0	0.0	350	25-Sep
PX10	86	269	18.20	28.6	16.5	0.0	0.00	69.1	9.9	0.0	0.0	350	26-Sep
PX10	86	270	21.60	31.0	13.2	0.0	0.00	86.4	9.9	0.0	0.0	350	27-Sep
PX10	86	271	21.30	31.0	14.4	0.0	0.00	95.0	8.2	0.0	0.0	350	28-Sep
PX10	86	272	19.90	29.4	13.8	0.0	0.00	51.8	7.5	0.0	0.0	350	29-Sep
PX10	86	273	20.60	30.7	13.6	0.0	0.00	69.1	7.4	0.0	0.0	350	30-Sep
PX10	86	274	21.20	33.3	14.3	0.0	0.00	250.6	5.4	0.0	0.0	350	01-Oct
PX10	86	275	19.00	28.7	17.3	0.0	0.00	181.4	7.4	0.0	0.0	350	02-Oct
PX10	86	276	17.86	27.5	16.1	0.0	0.00	112.3	7.7	0.0	0.0	350	03-Oct

FILENAME: PX020308.W86

WEATHER DATA FOR CO2=AMBIENT, IRR=WET, NIT--, REP=#1

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC      ↓      CO2YR WINDYR  
 PX02 33.40 112.00 2.30 0 1 1 0 1 350 0.0

	IYR	SOLRAD	XTMIN	XPAR	DEWPT	STMIN	A00				
<u>INSTW</u>	<u>JUL</u>	<u>XTMAX</u>	<u>XRAIN</u>	<u>WIND</u>	<u>STMAX</u>	<u>CO2</u>					
PX02 86 87	21.53	38.6	20.3	0.0	0.00	202.2	-0.5	0.0	0.0	350	28-Mar
PX02 86 88	24.11	36.8	18.6	0.0	0.00	127.9	-1.4	0.0	0.0	350	29-Mar
PX02 86 89	23.48	37.4	15.6	0.0	0.00	82.8	1.5	0.0	0.0	350	30-Mar
PX02 86 90	10.93	33.5	18.5	0.0	0.00	121.0	0.6	0.0	0.0	350	31-Mar
PX02 86 91	17.70	31.8	19.6	0.0	0.00	162.0	-2.2	0.0	0.0	350	01-Apr
PX02 86 92	25.03	27.1	14.0	0.0	0.00	358.9	-1.7	0.0	0.0	350	02-Apr
PX02 86 93	26.40	28.8	8.3	0.0	0.00	111.3	0.9	0.0	0.0	350	03-Apr
PX02 86 94	26.54	31.8	10.3	0.0	0.00	141.9	1.1	0.0	0.0	350	04-Apr
PX02 86 95	26.78	35.6	10.5	0.0	0.00	204.3	-0.0	0.0	0.0	350	05-Apr
PX02 86 96	19.96	33.3	12.9	0.0	0.00	202.2	1.5	0.0	0.0	350	06-Apr
PX02 86 97	16.10	30.1	16.6	0.0	0.00	95.6	0.2	0.0	0.0	350	07-Apr
PX02 86 98	26.95	32.9	12.2	0.0	0.00	103.5	-0.9	0.0	0.0	350	08-Apr
PX02 86 99	27.50	34.3	10.6	0.0	0.00	86.0	-5.0	0.0	0.0	350	09-Apr
PX02 86 100	17.10	32.5	13.6	0.0	0.00	108.0	-5.0	0.0	0.0	350	10-Apr
PX02 86 101	24.30	34.0	13.2	0.0	0.00	121.0	-3.3	0.0	0.0	350	11-Apr
PX02 86 102	20.70	34.5	19.0	0.0	0.00	173.0	-2.7	0.0	0.0	350	12-Apr
PX02 86 103	27.40	31.1	13.7	0.0	0.00	233.0	-4.7	0.0	0.0	350	13-Apr
PX02 86 104	26.70	35.0	10.2	0.0	0.00	122.0	-3.8	0.0	0.0	350	14-Apr
PX02 86 105	25.50	36.6	16.4	0.0	0.00	145.0	-0.7	0.0	0.0	350	15-Apr
PX02 86 106	24.20	33.7	19.1	0.0	0.00	293.5	-1.7	0.0	0.0	350	16-Apr
PX02 86 107	28.50	28.3	14.5	0.0	0.00	271.5	-7.0	0.0	0.0	350	17-Apr
PX02 86 108	28.70	30.6	8.7	0.0	0.00	165.0	-5.7	0.0	0.0	350	18-Apr
PX02 86 109	28.80	33.1	9.0	0.0	0.00	97.0	-5.0	0.0	0.0	350	19-Apr
PX02 86 110	29.00	35.7	12.8	0.0	0.00	100.0	-2.2	0.0	0.0	350	20-Apr
PX02 86 111	28.70	38.4	15.7	0.0	0.00	120.0	0.4	0.0	0.0	350	21-Apr
PX02 86 112	26.30	38.0	16.5	0.0	0.00	175.0	0.2	0.0	0.0	350	22-Apr
PX02 86 113	23.90	35.9	19.5	0.0	0.00	184.0	0.2	0.0	0.0	350	23-Apr
PX02 86 114	24.80	35.1	18.5	0.0	0.00	287.0	-0.2	0.0	0.0	350	24-Apr
PX02 86 115	26.30	36.5	15.8	0.0	0.00	305.0	-0.9	0.0	0.0	350	25-Apr
PX02 86 116	28.80	33.2	19.1	0.0	0.00	271.8	-2.5	0.0	0.0	350	26-Apr
PX02 86 117	29.90	34.0	12.4	0.0	0.00	112.0	-3.5	0.0	0.0	350	27-Apr
PX02 86 118	28.10	36.5	14.5	0.0	0.00	120.0	-0.9	0.0	0.0	350	28-Apr
PX02 86 119	27.30	36.5	15.8	0.0	0.00	123.0	-0.7	0.0	0.0	350	29-Apr
PX02 86 120	26.40	37.0	17.1	0.0	0.00	125.0	-0.2	0.0	0.0	350	30-Apr
PX02 86 121	25.40	34.7	18.7	0.0	0.00	190.1	0.9	0.0	0.0	350	01-May
PX02 86 122	28.20	40.9	16.7	0.0	0.00	138.2	3.0	0.0	0.0	350	02-May
PX02 86 123	28.80	38.7	18.7	0.0	0.00	120.0	2.5	0.0	0.0	350	03-May
PX02 86 124	30.14	33.9	17.5	0.0	0.00	190.1	-1.7	0.0	0.0	350	04-May
PX02 86 125	29.90	33.7	13.1	0.0	0.00	121.0	-1.9	0.0	0.0	350	05-May
PX02 86 126	27.80	32.0	15.8	0.0	0.00	233.3	3.0	0.0	0.0	350	06-May
PX02 86 127	28.90	25.4	13.3	0.0	0.00	293.8	0.9	0.0	0.0	350	07-May
PX02 86 128	30.20	29.9	9.1	0.0	0.00	146.9	0.6	0.0	0.0	350	08-May
PX02 86 129	31.80	32.5	10.5	0.0	0.00	164.2	-1.2	0.0	0.0	350	09-May
PX02 86 130	30.27	36.2	12.7	0.0	0.00	146.9	-1.9	0.0	0.0	350	10-May
PX02 86 131	30.70	37.1	15.0	0.0	0.00	155.5	-1.9	0.0	0.0	350	11-May
PX02 86 132	30.70	36.4	14.1	0.0	0.00	86.4	-1.2	0.0	0.0	350	12-May

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2	
PX02 86 133	30.40	37.8	15.0	0.0	0.00	120.9	-1.4	0.0	0.0	350	13-May	
PX02 86 134	29.10	36.1	15.8	0.0	0.00	138.2	1.3	0.0	0.0	350	14-May	
PX02 86 135	25.50	37.4	17.1	0.0	0.00	207.4	1.3	0.0	0.0	350	15-May	
PX02 86 136	31.20	36.9	18.6	0.0	0.00	207.4	4.1	0.0	0.0	350	16-May	
PX02 86 137	30.70	34.1	18.0	0.0	0.00	146.9	-0.2	0.0	0.0	350	17-May	
PX02 86 138	30.90	37.8	17.5	0.0	0.00	112.3	0.9	0.0	0.0	350	18-May	
PX02 86 139	30.60	42.1	19.5	0.0	0.00	129.6	1.7	0.0	0.0	350	19-May	
PX02 86 140	29.60	41.2	20.6	0.0	0.00	198.7	4.8	0.0	0.0	350	20-May	
PX02 86 141	22.63	37.7	21.4	0.0	0.00	190.1	4.8	0.0	0.0	350	21-May	
PX02 86 142	29.10	36.6	18.6	0.0	0.00	103.7	7.4	0.0	0.0	350	22-May	
PX02 86 143	27.90	37.4	21.3	0.0	0.00	146.9	5.9	0.0	0.0	350	23-May	
PX02 86 144	23.10	37.5	21.1	0.0	0.00	95.0	6.4	0.0	0.0	350	24-May	
PX02 86 145	29.90	40.4	19.1	0.0	0.00	129.6	6.5	0.0	0.0	350	25-May	
PX02 86 146	29.40	40.5	20.6	0.0	0.00	181.4	6.5	0.0	0.0	350	26-May	
PX02 86 147	29.80	40.7	20.8	0.0	0.00	129.6	6.5	0.0	0.0	350	27-May	
PX02 86 148	28.57	40.1	21.6	0.0	0.00	146.9	8.2	0.0	0.0	350	28-May	
PX02 86 149	26.90	39.6	23.8	0.0	0.00	164.2	10.4	0.0	0.0	350	29-May	
PX02 86 150	20.00	36.1	24.4	0.0	0.00	172.8	12.6	0.0	0.0	350	30-May	
PX02 86 151	25.50	38.1	21.3	0.0	0.00	172.8	15.2	0.0	0.0	350	31-May	
PX02 86 152	26.30	40.5	22.2	0.5	0.00	164.2	12.6	0.0	0.0	350	01-Jun	
PX02 86 153	25.14	39.6	22.0	0.0	0.00	181.4	13.9	0.0	0.0	350	02-Jun	
PX02 86 154	28.73	40.7	23.0	0.0	0.00	164.2	13.9	0.0	0.0	350	03-Jun	
PX02 86 155	29.30	39.6	25.5	0.0	0.00	164.2	14.5	0.0	0.0	350	04-Jun	
PX02 86 156	29.40	39.9	24.7	0.0	0.00	164.2	12.9	0.0	0.0	350	05-Jun	
PX02 86 157	30.60	39.7	19.7	0.0	0.00	103.7	8.8	0.0	0.0	350	06-Jun	
PX02 86 158	31.10	40.6	20.4	0.0	0.00	129.6	7.3	0.0	0.0	350	07-Jun	
PX02 86 159	31.30	38.8	21.4	0.0	0.00	164.2	5.0	0.0	0.0	350	08-Jun	
PX02 86 160	28.70	40.0	20.3	0.0	0.00	181.4	6.4	0.0	0.0	350	09-Jun	
PX02 86 161	31.00	40.4	18.6	0.0	0.00	112.3	4.8	0.0	0.0	350	10-Jun	
PX02 86 162	30.80	39.3	19.3	0.0	0.00	95.0	6.8	0.0	0.0	350	11-Jun	
PX02 86 163	31.00	44.5	20.9	0.0	0.00	120.9	7.4	0.0	0.0	350	12-Jun	
PX02 86 164	31.10	43.2	24.1	0.0	0.00	132.0	7.0	0.0	0.0	350	13-Jun	
PX02 86 165	31.30	41.2	21.4	0.0	0.00	114.0	9.3	0.0	0.0	350	14-Jun	
PX02 86 166	30.14	42.0	24.1	0.0	0.00	129.6	11.8	0.0	0.0	350	15-Jun	
PX02 86 167	29.50	41.7	24.1	0.0	0.00	155.5	9.7	0.0	0.0	350	16-Jun	
PX02 86 168	29.70	43.4	28.5	0.0	0.00	155.5	12.4	0.0	0.0	350	17-Jun	
PX02 86 169	30.60	38.9	22.9	0.0	0.00	172.8	10.5	0.0	0.0	350	18-Jun	
PX02 86 170	30.90	39.4	22.3	0.0	0.00	120.0	8.6	0.0	0.0	350	19-Jun	
PX02 86 171	31.30	38.9	20.8	0.0	0.00	155.5	16.4	0.0	0.0	350	20-Jun	
PX02 86 172	27.70	40.0	18.2	0.0	0.00	121.0	11.1	0.0	0.0	350	21-Jun	
PX02 86 173	24.10	36.8	20.5	0.0	0.00	172.8	7.3	0.0	0.0	350	22-Jun	
PX02 86 174	29.60	39.4	23.7	0.0	0.00	216.0	9.5	0.0	0.0	350	23-Jun	
PX02 86 175	28.90	40.0	25.8	0.0	0.00	337.0	13.8	0.0	0.0	350	24-Jun	
PX02 86 176	29.40	35.9	26.0	0.0	0.00	267.8	17.3	0.0	0.0	350	25-Jun	
PX02 86 177	29.30	38.0	24.9	0.0	0.00	95.0	15.9	0.0	0.0	350	26-Jun	
PX02 86 178	29.70	38.5	26.9	0.0	0.00	138.2	15.0	0.0	0.0	350	27-Jun	
PX02 86 179	20.70	37.5	28.9	0.0	0.00	138.2	15.5	0.0	0.0	350	28-Jun	
PX02 86 180	13.60	33.1	26.8	0.0	0.00	259.2	16.4	0.0	0.0	350	29-Jun	
PX02 86 181	28.30	37.0	24.1	0.0	0.00	138.2	20.4	0.0	0.0	350	30-Jun	
PX02 86 182	29.20	38.1	24.0	0.0	0.00	198.7	22.8	0.0	0.0	350	01-Jul	
PX02 86 183	28.30	34.3	24.3	14.0	0.00	121.0	24.7	0.0	0.0	350	02-Jul	
PX02 86 184	22.90	34.4	24.6	0.0	0.00	130.0	25.0	0.0	0.0	350	03-Jul	

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX02	86	185	22.60	33.4	23.5	1.3	0.00	190.1	23.1	0.0	0.0	350	04-Jul
PX02	86	186	30.90	34.6	22.3	0.0	0.00	181.4	17.8	0.0	0.0	350	05-Jul
PX02	86	187	30.70	36.6	18.7	0.0	0.00	181.4	13.8	0.0	0.0	350	06-Jul
PX02	86	188	18.40	35.3	26.4	0.0	0.00	181.4	15.0	0.0	0.0	350	07-Jul
PX02	86	189	29.80	36.7	24.6	0.0	0.00	155.5	17.7	0.0	0.0	350	08-Jul
PX02	86	190	29.80	34.4	25.8	0.0	0.00	172.8	20.4	0.0	0.0	350	09-Jul
PX02	86	191	29.30	35.1	26.9	0.0	0.00	155.5	20.3	0.0	0.0	350	10-Jul
PX02	86	192	29.60	35.4	26.5	0.0	0.00	146.9	19.5	0.0	0.0	350	11-Jul
PX02	86	193	30.40	35.6	25.1	0.0	0.00	164.2	15.3	0.0	0.0	350	12-Jul
PX02	86	194	26.70	35.5	25.2	0.0	0.00	198.7	18.2	0.0	0.0	350	13-Jul
PX02	86	195	22.12	34.2	27.7	0.0	0.00	207.4	20.2	0.0	0.0	350	14-Jul
PX02	86	196	25.80	35.2	25.5	0.0	0.00	198.7	21.1	0.0	0.0	350	15-Jul
PX02	86	197	23.30	32.4	23.3	0.0	0.00	302.4	21.2	0.0	0.0	350	16-Jul
PX02	86	198	30.70	32.6	22.4	0.0	0.00	181.4	21.1	0.0	0.0	350	17-Jul
PX02	86	199	22.40	34.0	25.0	0.0	0.00	138.2	21.3	0.0	0.0	350	18-Jul
PX02	86	200	28.00	39.5	23.8	0.0	0.00	181.4	21.6	0.0	0.0	350	19-Jul
PX02	86	201	26.40	40.0	22.3	0.0	0.00	164.2	17.7	0.0	0.0	350	20-Jul
PX02	86	202	13.41	28.1	20.3	15.2	0.00	140.9	22.5	0.0	0.0	350	21-Jul
PX02	86	203	28.20	33.9	20.7	0.0	0.00	121.0	24.2	0.0	0.0	350	22-Jul
PX02	86	204	19.40	32.5	21.1	0.0	0.00	172.8	21.8	0.0	0.0	350	23-Jul
PX02	86	205	28.70	35.5	24.2	0.0	0.00	241.9	20.4	0.0	0.0	350	24-Jul
PX02	86	206	26.50	36.7	23.2	0.0	0.00	250.6	17.6	0.0	0.0	350	25-Jul
PX02	86	207	29.70	36.5	21.1	0.0	0.00	112.3	14.9	0.0	0.0	350	26-Jul
PX02	86	208	29.40	36.9	19.2	0.0	0.00	103.7	12.6	0.0	0.0	350	27-Jul
PX02	86	209	25.00	36.3	20.8	0.0	0.00	69.1	14.1	0.0	0.0	350	28-Jul
PX02	86	210	28.30	37.7	22.4	0.0	0.00	198.7	16.8	0.0	0.0	350	29-Jul
PX02	86	211	29.10	39.2	21.5	0.0	0.00	146.9	15.1	0.0	0.0	350	30-Jul
PX02	86	212	28.80	40.5	22.0	0.0	0.00	146.9	14.9	0.0	0.0	350	31-Jul
PX02	86	213	27.70	38.7	24.4	0.0	0.00	164.2	16.9	0.0	0.0	350	01-Aug
PX02	86	214	25.40	38.8	28.2	0.0	0.00	181.4	20.6	0.0	0.0	350	02-Aug
PX02	86	215	20.50	39.1	26.2	0.0	0.00	103.7	18.7	0.0	0.0	350	03-Aug
PX02	86	216	27.70	41.5	26.7	0.0	0.00	138.2	17.3	0.0	0.0	350	04-Aug
PX02	86	217	26.20	39.0	27.4	0.0	0.00	129.6	18.3	0.0	0.0	350	05-Aug
PX02	86	218	22.70	35.0	27.0	0.0	0.00	164.2	20.2	0.0	0.0	350	06-Aug
PX02	86	219	27.30	38.1	26.7	2.8	0.00	198.7	19.3	0.0	0.0	350	07-Aug
PX02	86	220	20.24	40.3	24.5	0.0	0.00	172.8	19.4	0.0	0.0	350	08-Aug
PX02	86	221	27.10	37.3	26.2	1.1	0.00	155.5	18.2	0.0	0.0	350	09-Aug
PX02	86	222	25.00	38.0	25.3	0.0	0.00	155.5	19.0	0.0	0.0	350	10-Aug
PX02	86	223	21.90	36.0	26.7	0.0	0.00	172.8	19.6	0.0	0.0	350	11-Aug
PX02	86	224	24.20	37.3	27.2	0.0	0.00	129.6	20.0	0.0	0.0	350	12-Aug
PX02	86	225	26.60	36.9	25.7	0.0	0.00	112.3	19.9	0.0	0.0	350	13-Aug
PX02	86	226	26.50	37.0	25.7	0.0	0.00	138.2	19.2	0.0	0.0	350	14-Aug
PX02	86	227	27.10	36.8	27.0	0.0	0.00	150.0	19.7	0.0	0.0	350	15-Aug
PX02	86	228	26.60	36.9	26.8	0.0	0.00	146.9	19.6	0.0	0.0	350	16-Aug
PX02	86	229	19.70	35.8	28.2	0.0	0.00	198.7	19.4	0.0	0.0	350	17-Aug
PX02	86	230	14.70	35.7	26.5	0.0	0.00	95.0	20.2	0.0	0.0	350	18-Aug
PX02	86	231	25.30	39.3	26.2	0.0	0.00	95.0	20.3	0.0	0.0	350	19-Aug
PX02	86	232	25.00	38.2	28.0	0.0	0.00	112.3	20.5	0.0	0.0	350	20-Aug
PX02	86	233	21.70	41.5	29.8	0.0	0.00	205.0	6.2	0.0	0.0	350	21-Aug
PX02	86	234	26.90	41.9	26.2	0.0	0.00	131.0	8.1	0.0	0.0	350	22-Aug
PX02	86	235	18.70	37.3	25.9	0.0	0.00	241.9	17.2	0.0	0.0	350	23-Aug
PX02	86	236	17.80	32.7	22.4	0.0	0.00	121.0	21.2	0.0	0.0	350	24-Aug

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX	CO2			
PX02	86	237	20.90	34.7	23.1	0.5	0.00	200.0	20.8	0.0	0.0	350	25-Aug
PX02	86	238	21.40	33.2	23.4	5.3	0.00	152.0	21.3	0.0	0.0	350	26-Aug
PX02	86	239	19.12	33.2	23.6	23.1	0.00	137.0	21.7	0.0	0.0	350	27-Aug
PX02	86	240	24.20	34.4	23.1	0.8	0.00	178.0	22.2	0.0	0.0	350	28-Aug
PX02	86	241	20.50	34.3	23.0	2.0	0.00	205.0	22.6	0.0	0.0	350	29-Aug
PX02	86	242	24.20	35.2	21.7	0.0	0.00	164.0	22.5	0.0	0.0	350	30-Aug
PX02	86	243	22.80	35.1	25.0	0.0	0.00	164.0	22.9	0.0	0.0	350	31-Aug
PX02	86	244	24.00	35.4	23.1	0.0	0.00	145.0	19.2	0.0	0.0	350	01-Sep
PX02	86	245	24.80	34.9	21.9	0.0	0.00	112.0	17.5	0.0	0.0	350	02-Sep
PX02	86	246	23.70	35.8	21.6	0.0	0.00	112.0	16.4	0.0	0.0	350	03-Sep
PX02	86	247	25.70	40.8	24.1	0.0	0.00	100.0	3.6	0.0	0.0	350	04-Sep
PX02	86	248	25.70	41.5	25.5	0.0	0.00	127.0	5.0	0.0	0.0	350	05-Sep
PX02	86	249	24.20	37.6	22.9	0.0	0.00	130.0	12.9	0.0	0.0	350	06-Sep
PX02	86	250	23.90	38.2	25.5	0.0	0.00	331.4	13.5	0.0	0.0	350	07-Sep
PX02	86	251	14.83	35.1	25.1	0.0	0.00	207.0	15.5	0.0	0.0	350	08-Sep
PX02	86	252	20.87	37.7	24.9	0.0	0.00	271.5	1.7	0.0	0.0	350	09-Sep
PX02	86	253	21.10	31.9	18.2	0.0	0.00	260.9	14.0	0.0	0.0	350	10-Sep
PX02	86	254	22.50	33.0	14.6	0.0	0.00	125.0	10.3	0.0	0.0	350	11-Sep
PX02	86	255	17.90	33.9	18.6	0.0	0.00	145.0	15.8	0.0	0.0	350	12-Sep
PX02	86	256	17.80	32.8	20.1	0.0	0.00	157.0	15.6	0.0	0.0	350	13-Sep
PX02	86	257	22.40	33.8	17.5	0.0	0.00	185.0	15.5	0.0	0.0	350	14-Sep
PX02	86	258	20.72	33.8	19.7	0.0	0.00	147.0	16.9	0.0	0.0	350	15-Sep
PX02	86	259	21.20	33.0	15.8	0.0	0.00	136.0	15.8	0.0	0.0	350	16-Sep
PX02	86	260	21.30	32.5	17.3	0.0	0.00	126.0	12.8	0.0	0.0	350	17-Sep
PX02	86	261	20.10	33.7	17.9	0.0	0.00	120.0	12.8	0.0	0.0	350	18-Sep
PX02	86	262	20.80	33.5	18.1	0.0	0.00	112.3	9.3	0.0	0.0	350	19-Sep
PX02	86	263	18.50	32.6	18.9	0.0	0.00	112.3	9.5	0.0	0.0	350	20-Sep
PX02	86	264	7.50	28.3	16.7	0.0	0.00	69.1	9.3	0.0	0.0	350	21-Sep
PX02	86	265	6.60	27.8	20.0	0.0	0.00	112.3	12.0	0.0	0.0	350	22-Sep
PX02	86	266	5.44	25.5	16.2	9.7	0.00	77.8	17.1	0.0	0.0	350	23-Sep
PX02	86	267	18.80	23.4	11.3	0.0	0.00	60.5	11.8	0.0	0.0	350	24-Sep
PX02	86	268	18.60	24.0	14.0	0.5	0.00	65.0	8.8	0.0	0.0	350	25-Sep
PX02	86	269	18.20	28.0	15.8	0.0	0.00	69.1	13.7	0.0	0.0	350	26-Sep
PX02	86	270	21.60	30.4	12.4	0.0	0.00	86.4	12.9	0.0	0.0	350	27-Sep
PX02	86	271	21.30	30.8	14.0	0.0	0.00	95.0	11.5	0.0	0.0	350	28-Sep
PX02	86	272	19.90	28.8	13.5	0.0	0.00	51.8	10.3	0.0	0.0	350	29-Sep
PX02	86	273	20.60	30.4	12.6	0.0	0.00	69.1	10.4	0.0	0.0	350	30-Sep
PX02	86	274	21.20	31.8	13.4	0.0	0.00	250.6	9.3	0.0	0.0	350	01-Oct
PX02	86	275	19.00	28.0	16.6	0.0	0.00	181.4	10.6	0.0	0.0	350	02-Oct
PX02	86	276	17.86	27.0	15.6	0.0	0.00	112.3	11.0	0.0	0.0	350	03-Oct



options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC      ↓      CO2YR WINDYR  
 PX16 33.40 112.00 2.30 0 1 1 0 1 350 0.0

	IYR	SOLRAD	XTMIN	XPAR	DEWPT	STMIN	A00						
<u>INSTW</u>	<u>JUL</u>	<u>XTMAX</u>	<u>XRAIN</u>	<u>WIND</u>	<u>STMAX</u>	<u>CO2</u>							
PX16	86	87	21.53	38.6	20.3	0.0	0.00	202.2	-0.5	0.0	0.0	350	28-Mar
PX16	86	88	24.11	36.8	18.6	0.0	0.00	127.9	-1.4	0.0	0.0	350	29-Mar
PX16	86	89	23.48	37.4	15.6	0.0	0.00	82.8	1.5	0.0	0.0	350	30-Mar
PX16	86	90	10.93	33.5	18.5	0.0	0.00	121.0	0.6	0.0	0.0	350	31-Mar
PX16	86	91	17.70	31.8	19.6	0.0	0.00	162.0	-2.2	0.0	0.0	350	01-Apr
PX16	86	92	25.03	27.1	14.0	0.0	0.00	358.9	-1.7	0.0	0.0	350	02-Apr
PX16	86	93	26.40	28.8	8.3	0.0	0.00	111.3	0.9	0.0	0.0	350	03-Apr
PX16	86	94	26.54	31.8	10.3	0.0	0.00	141.9	1.1	0.0	0.0	350	04-Apr
PX16	86	95	26.78	35.6	10.5	0.0	0.00	204.3	-0.0	0.0	0.0	350	05-Apr
PX16	86	96	19.96	33.3	12.9	0.0	0.00	202.2	1.5	0.0	0.0	350	06-Apr
PX16	86	97	16.10	30.1	16.6	0.0	0.00	95.6	0.2	0.0	0.0	350	07-Apr
PX16	86	98	26.95	32.9	12.2	0.0	0.00	103.5	-0.9	0.0	0.0	350	08-Apr
PX16	86	99	27.50	33.4	11.0	0.0	0.00	86.0	-0.0	0.0	0.0	350	09-Apr
PX16	86	100	17.10	31.4	13.9	0.0	0.00	108.0	-0.0	0.0	0.0	350	10-Apr
PX16	86	101	24.30	33.1	13.5	0.0	0.00	121.0	0.6	0.0	0.0	350	11-Apr
PX16	86	102	20.70	33.7	19.1	0.0	0.00	173.0	0.9	0.0	0.0	350	12-Apr
PX16	86	103	27.40	29.8	14.0	0.0	0.00	233.0	-0.0	0.0	0.0	350	13-Apr
PX16	86	104	26.70	34.2	10.6	0.0	0.00	122.0	0.4	0.0	0.0	350	14-Apr
PX16	86	105	25.50	36.1	16.6	0.0	0.00	145.0	1.5	0.0	0.0	350	15-Apr
PX16	86	106	24.20	32.8	19.2	0.0	0.00	293.5	1.1	0.0	0.0	350	16-Apr
PX16	86	107	28.50	26.6	14.7	0.0	0.00	271.5	-0.5	0.0	0.0	350	17-Apr
PX16	86	108	28.70	29.2	9.1	0.0	0.00	165.0	-0.2	0.0	0.0	350	18-Apr
PX16	86	109	28.80	32.1	9.4	0.0	0.00	97.0	-0.0	0.0	0.0	350	19-Apr
PX16	86	110	29.00	35.0	13.1	0.0	0.00	100.0	0.9	0.0	0.0	350	20-Apr
PX16	86	111	28.70	38.1	15.9	0.0	0.00	120.0	1.9	0.0	0.0	350	21-Apr
PX16	86	112	26.30	37.7	16.7	0.0	0.00	175.0	1.9	0.0	0.0	350	22-Apr
PX16	86	113	23.90	35.2	19.6	0.0	0.00	184.0	1.7	0.0	0.0	350	23-Apr
PX16	86	114	24.80	34.3	18.6	0.0	0.00	287.0	1.5	0.0	0.0	350	24-Apr
PX16	86	115	26.30	34.3	19.1	0.0	0.00	305.0	1.3	0.0	0.0	350	25-Apr
PX16	86	116	28.80	32.2	19.2	0.0	0.00	271.8	0.9	0.0	0.0	350	26-Apr
PX16	86	117	29.90	33.1	12.7	0.0	0.00	112.0	0.4	0.0	0.0	350	27-Apr
PX16	86	118	28.10	36.0	14.7	0.0	0.00	120.0	1.3	0.0	0.0	350	28-Apr
PX16	86	119	27.30	36.1	16.0	0.0	0.00	123.0	1.5	0.0	0.0	350	29-Apr
PX16	86	120	26.40	37.8	17.1	0.0	0.00	125.0	1.7	0.0	0.0	350	30-Apr
PX16	86	121	25.40	34.2	18.8	0.0	0.00	190.1	2.1	0.0	0.0	350	01-May
PX16	86	122	28.20	42.0	17.0	0.0	0.00	138.2	2.9	0.0	0.0	350	02-May
PX16	86	123	28.80	39.7	18.6	0.0	0.00	120.0	2.7	0.0	0.0	350	03-May
PX16	86	124	30.14	32.8	17.0	0.0	0.00	190.1	-0.9	0.0	0.0	350	04-May
PX16	86	125	29.90	32.7	13.1	0.0	0.00	121.0	-4.4	0.0	0.0	350	05-May
PX16	86	126	27.80	31.3	15.4	0.0	0.00	233.3	1.9	0.0	0.0	350	06-May
PX16	86	127	28.90	23.8	12.7	0.0	0.00	293.8	0.2	0.0	0.0	350	07-May
PX16	86	128	30.20	28.4	10.0	0.0	0.00	146.9	0.6	0.0	0.0	350	08-May
PX16	86	129	31.80	31.1	11.3	0.0	0.00	164.2	-0.9	0.0	0.0	350	09-May
PX16	86	130	30.27	34.7	13.3	0.0	0.00	146.9	-1.7	0.0	0.0	350	10-May
PX16	86	131	30.70	35.9	15.2	0.0	0.00	155.5	-1.4	0.0	0.0	350	11-May
PX16	86	132	30.70	35.5	14.2	0.0	0.00	86.4	-2.2	0.0	0.0	350	12-May

INSTW	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
	JUL		XTMAX	XRAIN	WIND	STMAX	CO2						
PX16	86	133	30.40	37.2	15.3	0.0	0.00	120.9	-0.7	0.0	0.0	350	13-May
PX16	86	134	29.10	35.9	16.2	0.0	0.00	138.2	0.2	0.0	0.0	350	14-May
PX16	86	135	25.50	36.6	17.3	0.0	0.00	207.4	0.4	0.0	0.0	350	15-May
PX16	86	136	31.20	37.0	17.8	0.0	0.00	207.4	3.6	0.0	0.0	350	16-May
PX16	86	137	30.70	34.2	17.6	0.0	0.00	146.9	-0.0	0.0	0.0	350	17-May
PX16	86	138	30.90	38.1	17.6	0.0	0.00	112.3	1.3	0.0	0.0	350	18-May
PX16	86	139	30.60	42.4	19.7	0.0	0.00	129.6	2.5	0.0	0.0	350	19-May
PX16	86	140	29.60	42.5	20.6	0.0	0.00	198.7	3.6	0.0	0.0	350	20-May
PX16	86	141	22.63	38.0	21.2	0.0	0.00	190.1	3.6	0.0	0.0	350	21-May
PX16	86	142	29.10	37.4	19.0	0.0	0.00	103.7	3.9	0.0	0.0	350	22-May
PX16	86	143	27.90	37.7	21.3	0.0	0.00	146.9	4.3	0.0	0.0	350	23-May
PX16	86	144	23.10	38.3	21.1	0.0	0.00	95.0	1.3	0.0	0.0	350	24-May
PX16	86	145	29.90	41.4	19.4	0.0	0.00	129.6	2.3	0.0	0.0	350	25-May
PX16	86	146	29.40	40.9	20.6	0.0	0.00	181.4	3.0	0.0	0.0	350	26-May
PX16	86	147	29.80	40.9	20.5	0.0	0.00	129.6	3.9	0.0	0.0	350	27-May
PX16	86	148	28.57	41.7	21.5	0.0	0.00	146.9	6.4	0.0	0.0	350	28-May
PX16	86	149	26.90	39.3	23.7	0.0	0.00	164.2	9.0	0.0	0.0	350	29-May
PX16	86	150	20.00	36.1	24.8	0.0	0.00	172.8	11.6	0.0	0.0	350	30-May
PX16	86	151	25.50	37.9	21.6	0.0	0.00	172.8	13.9	0.0	0.0	350	31-May
PX16	86	152	26.30	40.0	22.6	0.5	0.00	164.2	11.1	0.0	0.0	350	01-Jun
PX16	86	153	25.14	40.0	22.8	0.0	0.00	181.4	12.8	0.0	0.0	350	02-Jun
PX16	86	154	28.73	40.1	23.1	0.0	0.00	164.2	13.2	0.0	0.0	350	03-Jun
PX16	86	155	29.30	40.0	25.6	0.0	0.00	164.2	13.3	0.0	0.0	350	04-Jun
PX16	86	156	29.40	40.0	24.7	0.0	0.00	164.2	11.6	0.0	0.0	350	05-Jun
PX16	86	157	30.60	39.5	19.7	0.0	0.00	103.7	7.5	0.0	0.0	350	06-Jun
PX16	86	158	31.10	40.5	20.9	0.0	0.00	129.6	5.9	0.0	0.0	350	07-Jun
PX16	86	159	31.30	38.5	21.7	0.0	0.00	164.2	3.2	0.0	0.0	350	08-Jun
PX16	86	160	28.70	39.1	20.8	0.0	0.00	181.4	4.6	0.0	0.0	350	09-Jun
PX16	86	161	31.00	39.9	19.5	0.0	0.00	112.3	2.5	0.0	0.0	350	10-Jun
PX16	86	162	30.80	39.4	19.9	0.0	0.00	95.0	5.6	0.0	0.0	350	11-Jun
PX16	86	163	31.00	45.1	20.9	0.0	0.00	120.9	4.8	0.0	0.0	350	12-Jun
PX16	86	164	31.10	43.6	23.9	0.0	0.00	132.0	4.6	0.0	0.0	350	13-Jun
PX16	86	165	31.30	41.3	22.2	0.0	0.00	114.0	8.5	0.0	0.0	350	14-Jun
PX16	86	166	30.14	42.3	24.8	0.0	0.00	129.6	11.3	0.0	0.0	350	15-Jun
PX16	86	167	29.50	41.3	24.7	0.0	0.00	155.5	8.8	0.0	0.0	350	16-Jun
PX16	86	168	29.70	42.2	28.4	0.0	0.00	155.5	11.2	0.0	0.0	350	17-Jun
PX16	86	169	30.60	39.3	23.4	0.0	0.00	172.8	14.5	0.0	0.0	350	18-Jun
PX16	86	170	30.90	39.5	22.4	0.0	0.00	120.0	5.8	0.0	0.0	350	19-Jun
PX16	86	171	31.30	40.3	21.5	0.0	0.00	155.5	6.4	0.0	0.0	350	20-Jun
PX16	86	172	27.70	40.3	21.0	0.0	0.00	121.0	5.8	0.0	0.0	350	21-Jun
PX16	86	173	24.10	38.7	21.5	0.0	0.00	172.8	5.3	0.0	0.0	350	22-Jun
PX16	86	174	29.60	41.3	24.3	0.0	0.00	216.0	9.3	0.0	0.0	350	23-Jun
PX16	86	175	28.90	40.5	27.2	0.0	0.00	337.0	13.9	0.0	0.0	350	24-Jun
PX16	86	176	29.40	38.7	25.8	0.0	0.00	267.8	12.9	0.0	0.0	350	25-Jun
PX16	86	177	29.30	40.0	25.5	0.0	0.00	95.0	12.1	0.0	0.0	350	26-Jun
PX16	86	178	29.70	40.1	25.7	0.0	0.00	138.2	12.1	0.0	0.0	350	27-Jun
PX16	86	179	20.70	38.9	29.0	0.0	0.00	138.2	15.3	0.0	0.0	350	28-Jun
PX16	86	180	13.60	34.6	27.1	0.0	0.00	259.2	15.8	0.0	0.0	350	29-Jun
PX16	86	181	28.30	36.4	23.8	0.0	0.00	138.2	17.4	0.0	0.0	350	30-Jun
PX16	86	182	29.20	37.4	23.9	0.0	0.00	198.7	19.3	0.0	0.0	350	01-Jul
PX16	86	183	28.30	36.1	24.6	14.0	0.00	121.0	22.2	0.0	0.0	350	02-Jul
PX16	86	184	22.90	36.1	24.8	0.0	0.00	130.0	22.2	0.0	0.0	350	03-Jul

	IYR	SOLRAD	XTMIN		XPAR		DEWPT		STMIN		A00		
INSTW	JUL		XTMAX		XRAIN	WIND		STMAX	CO2				
PX16	86	185	22.60	34.3	23.6	1.3	0.00	190.1	20.4	0.0	0.0	350	04-Jul
PX16	86	186	30.90	36.3	23.0	0.0	0.00	181.4	14.8	0.0	0.0	350	05-Jul
PX16	86	187	30.70	37.4	21.5	0.0	0.00	181.4	12.5	0.0	0.0	350	06-Jul
PX16	86	188	18.40	37.0	26.7	0.0	0.00	181.4	13.6	0.0	0.0	350	07-Jul
PX16	86	189	29.80	38.4	25.1	0.0	0.00	155.5	15.4	0.0	0.0	350	08-Jul
PX16	86	190	29.80	37.1	26.5	0.0	0.00	172.8	17.5	0.0	0.0	350	09-Jul
PX16	86	191	29.30	37.6	27.5	0.0	0.00	155.5	17.6	0.0	0.0	350	10-Jul
PX16	86	192	29.60	37.7	26.9	0.0	0.00	146.9	17.1	0.0	0.0	350	11-Jul
PX16	86	193	30.40	37.6	26.0	0.0	0.00	164.2	12.5	0.0	0.0	350	12-Jul
PX16	86	194	26.70	37.0	25.7	0.0	0.00	198.7	16.0	0.0	0.0	350	13-Jul
PX16	86	195	22.12	34.8	27.6	0.0	0.00	207.4	18.4	0.0	0.0	350	14-Jul
PX16	86	196	25.80	36.0	25.9	0.0	0.00	198.7	19.2	0.0	0.0	350	15-Jul
PX16	86	197	23.30	34.8	25.2	0.0	0.00	302.4	18.9	0.0	0.0	350	16-Jul
PX16	86	198	30.70	35.7	23.1	0.0	0.00	181.4	18.7	0.0	0.0	350	17-Jul
PX16	86	199	22.40	36.4	26.3	0.0	0.00	138.2	18.9	0.0	0.0	350	18-Jul
PX16	86	200	28.00	39.6	26.1	0.0	0.00	181.4	18.4	0.0	0.0	350	19-Jul
PX16	86	201	26.40	40.3	22.3	0.0	0.00	164.2	16.5	0.0	0.0	350	20-Jul
PX16	86	202	13.41	28.1	20.6	15.2	0.00	146.9	20.4	0.0	0.0	350	21-Jul
PX16	86	203	28.20	34.0	21.4	0.0	0.00	121.0	20.0	0.0	0.0	350	22-Jul
PX16	86	204	19.40	34.5	22.9	0.0	0.00	172.8	22.5	0.0	0.0	350	23-Jul
PX16	86	205	28.70	36.0	25.3	0.0	0.00	241.9	17.7	0.0	0.0	350	24-Jul
PX16	86	206	26.50	37.2	24.0	0.0	0.00	250.6	14.6	0.0	0.0	350	25-Jul
PX16	86	207	29.70	37.7	21.8	0.0	0.00	112.3	11.8	0.0	0.0	350	26-Jul
PX16	86	208	29.40	38.3	20.5	0.0	0.00	103.7	9.4	0.0	0.0	350	27-Jul
PX16	86	209	25.00	38.2	21.2	0.0	0.00	69.1	14.3	0.0	0.0	350	28-Jul
PX16	86	210	28.30	39.4	23.8	0.0	0.00	198.7	17.8	0.0	0.0	350	29-Jul
PX16	86	211	29.10	40.0	21.9	0.0	0.00	146.9	17.5	0.0	0.0	350	30-Jul
PX16	86	212	28.80	40.8	22.3	0.0	0.00	146.9	14.4	0.0	0.0	350	31-Jul
PX16	86	213	27.70	39.2	24.4	0.0	0.00	164.2	14.6	0.0	0.0	350	01-Aug
PX16	86	214	25.40	39.2	28.4	0.0	0.00	181.4	18.6	0.0	0.0	350	02-Aug
PX16	86	215	20.50	39.5	26.2	0.0	0.00	103.7	17.3	0.0	0.0	350	03-Aug
PX16	86	216	27.70	41.8	27.0	0.0	0.00	138.2	16.0	0.0	0.0	350	04-Aug
PX16	86	217	26.20	39.3	27.8	0.0	0.00	129.6	17.2	0.0	0.0	350	05-Aug
PX16	86	218	22.70	36.8	27.4	0.0	0.00	164.2	18.7	0.0	0.0	350	06-Aug
PX16	86	219	27.30	39.0	27.1	2.8	0.00	198.7	18.2	0.0	0.0	350	07-Aug
PX16	86	220	20.24	36.6	25.1	0.0	0.00	172.8	18.9	0.0	0.0	350	08-Aug
PX16	86	221	27.10	36.6	26.6	1.1	0.00	155.5	17.9	0.0	0.0	350	09-Aug
PX16	86	222	25.00	38.0	25.8	0.0	0.00	155.5	18.8	0.0	0.0	350	10-Aug
PX16	86	223	21.90	37.5	27.1	0.0	0.00	172.8	19.9	0.0	0.0	350	11-Aug
PX16	86	224	24.20	37.8	27.6	0.0	0.00	129.6	16.6	0.0	0.0	350	12-Aug
PX16	86	225	26.60	39.6	26.2	0.0	0.00	112.3	20.6	0.0	0.0	350	13-Aug
PX16	86	226	26.50	39.0	26.2	0.0	0.00	138.2	19.7	0.0	0.0	350	14-Aug
PX16	86	227	27.10	38.9	27.1	0.0	0.00	150.0	17.9	0.0	0.0	350	15-Aug
PX16	86	228	26.60	39.1	26.9	0.0	0.00	146.9	18.4	0.0	0.0	350	16-Aug
PX16	86	229	19.70	37.7	28.5	0.0	0.00	198.7	18.9	0.0	0.0	350	17-Aug
PX16	86	230	14.70	37.5	26.8	0.0	0.00	95.0	19.4	0.0	0.0	350	18-Aug
PX16	86	231	25.30	42.2	26.2	0.0	0.00	95.0	18.9	0.0	0.0	350	19-Aug
PX16	86	232	25.00	40.7	28.0	0.0	0.00	112.3	19.5	0.0	0.0	350	20-Aug
PX16	86	233	21.70	44.4	29.8	0.0	0.00	205.0	16.2	0.0	0.0	350	21-Aug
PX16	86	234	26.90	45.1	26.2	0.0	0.00	131.0	14.1	0.0	0.0	350	22-Aug
PX16	86	235	18.70	39.5	25.9	0.0	0.00	241.9	16.4	0.0	0.0	350	23-Aug
PX16	86	236	17.80	33.8	22.4	0.0	0.00	121.0	20.1	0.0	0.0	350	24-Aug

INSTW	IYR	SOLRAD		XTMIN		XPAR		DEWPT	STMIN		A00		
	JUL	XTMAX	XRAIN	WIND	STMAX	CO2							
PX16	86	237	20.90	36.2	23.1	0.5	0.00	200.0	19.9	0.0	0.0	350	25-Aug
PX16	86	238	21.40	34.4	23.4	5.3	0.00	152.0	21.0	0.0	0.0	350	26-Aug
PX16	86	239	19.12	34.4	23.6	23.1	0.00	137.0	21.6	0.0	0.0	350	27-Aug
PX16	86	240	24.20	35.9	23.1	0.8	0.00	178.0	25.6	0.0	0.0	350	28-Aug
PX16	86	241	20.50	35.8	23.0	2.0	0.00	205.0	25.7	0.0	0.0	350	29-Aug
PX16	86	242	24.20	37.0	21.7	0.0	0.00	164.0	25.0	0.0	0.0	350	30-Aug
PX16	86	243	22.80	36.9	25.0	0.0	0.00	164.0	25.1	0.0	0.0	350	31-Aug
PX16	86	244	24.00	37.3	23.1	0.0	0.00	145.0	23.1	0.0	0.0	350	01-Sep
PX16	86	245	24.80	36.5	21.9	0.0	0.00	112.0	17.5	0.0	0.0	350	02-Sep
PX16	86	246	23.70	37.7	21.6	0.0	0.00	112.0	20.0	0.0	0.0	350	03-Sep
PX16	86	247	25.70	44.0	24.1	0.0	0.00	100.0	17.6	0.0	0.0	350	04-Sep
PX16	86	248	25.70	45.0	25.5	0.0	0.00	127.0	15.4	0.0	0.0	350	05-Sep
PX16	86	249	24.20	40.0	22.9	0.0	0.00	130.0	12.1	0.0	0.0	350	06-Sep
PX16	86	250	23.90	40.7	25.5	0.0	0.00	331.4	11.4	0.0	0.0	350	07-Sep
PX16	86	251	14.82	36.8	25.1	0.0	0.00	207.0	14.7	0.0	0.0	350	08-Sep
PX16	86	252	20.87	39.3	24.9	0.0	0.00	271.5	15.5	0.0	0.0	350	09-Sep
PX16	86	253	21.10	32.6	18.2	0.0	0.00	260.9	14.1	0.0	0.0	350	10-Sep
PX16	86	254	22.50	34.1	14.6	0.0	0.00	125.0	12.3	0.0	0.0	350	11-Sep
PX16	86	255	17.90	35.2	18.6	0.0	0.00	145.0	15.8	0.0	0.0	350	12-Sep
PX16	86	256	17.80	33.8	20.1	0.0	0.00	157.0	15.6	0.0	0.0	350	13-Sep
PX16	86	257	22.40	35.2	17.5	0.0	0.00	185.0	15.8	0.0	0.0	350	14-Sep
PX16	86	258	20.72	35.2	19.7	0.0	0.00	147.0	16.9	0.0	0.0	350	15-Sep
PX16	86	259	21.20	34.1	15.8	0.0	0.00	136.0	15.8	0.0	0.0	350	16-Sep
PX16	86	260	21.30	33.6	17.3	0.0	0.00	126.0	12.0	0.0	0.0	350	17-Sep
PX16	86	261	20.10	35.1	17.9	0.0	0.00	120.0	12.5	0.0	0.0	350	18-Sep
PX16	86	262	20.80	34.8	18.1	0.0	0.00	112.3	9.0	0.0	0.0	350	19-Sep
PX16	86	263	18.50	33.7	18.9	0.0	0.00	112.3	9.2	0.0	0.0	350	20-Sep
PX16	86	264	7.50	28.3	16.7	0.0	0.00	69.1	9.5	0.0	0.0	350	21-Sep
PX16	86	265	6.60	27.7	20.0	0.0	0.00	112.3	12.0	0.0	0.0	350	22-Sep
PX16	86	266	5.44	25.4	15.9	9.7	0.00	77.8	15.3	0.0	0.0	350	23-Sep
PX16	86	267	18.80	23.4	11.8	0.0	0.00	60.5	9.7	0.0	0.0	350	24-Sep
PX16	86	268	18.60	25.8	13.9	0.5	0.00	65.0	10.3	0.0	0.0	350	25-Sep
PX16	86	269	18.20	28.1	16.0	0.0	0.00	69.1	10.9	0.0	0.0	350	26-Sep
PX16	86	270	21.60	30.8	12.9	0.0	0.00	86.4	10.3	0.0	0.0	350	27-Sep
PX16	86	271	21.30	30.6	14.2	0.0	0.00	95.0	8.8	0.0	0.0	350	28-Sep
PX16	86	272	19.90	29.1	13.4	0.0	0.00	51.8	8.2	0.0	0.0	350	29-Sep
PX16	86	273	20.60	30.2	13.4	0.0	0.00	69.1	8.0	0.0	0.0	350	30-Sep
PX16	86	274	21.20	33.2	13.9	0.0	0.00	250.6	6.4	0.0	0.0	350	01-Oct
PX16	86	275	19.00	27.9	16.8	0.0	0.00	181.4	8.2	0.0	0.0	350	02-Oct
PX16	86	276	17.86	27.2	15.3	0.0	0.00	112.3	8.4	0.0	0.0	350	03-Oct

FILENAME: PX030308.W86

WEATHER DATA FOR CO2=AMBIENT, IRR=WET, NIT=+, REP=#1

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC      ↓      CO2YR WINDYR  
 PX03 33.40 112.00 2.30 0 1 1 0 1 350 0.0

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00
<u>INSTW</u>	<u>JUL</u>		<u>XTMAX</u>		<u>XRAIN</u>	<u>WIND</u>		<u>STMAX</u>		<u>CO2</u>		
PX03 86	87	21.53	38.6	20.3	0.0	0.00	202.2	-0.5	0.0	0.0	350	28-Mar
PX03 86	88	24.11	36.8	18.6	0.0	0.00	127.9	-1.4	0.0	0.0	350	29-Mar
PX03 86	89	23.48	37.4	15.6	0.0	0.00	82.8	1.5	0.0	0.0	350	30-Mar
PX03 86	90	10.93	33.5	18.5	0.0	0.00	121.0	0.6	0.0	0.0	350	31-Mar
PX03 86	91	17.70	31.8	19.6	0.0	0.00	162.0	-2.2	0.0	0.0	350	01-Apr
PX03 86	92	25.03	27.1	14.0	0.0	0.00	358.9	-1.7	0.0	0.0	350	02-Apr
PX03 86	93	26.40	28.8	8.3	0.0	0.00	111.3	0.9	0.0	0.0	350	03-Apr
PX03 86	94	26.54	31.8	10.3	0.0	0.00	141.9	1.1	0.0	0.0	350	04-Apr
PX03 86	95	26.78	35.6	10.5	0.0	0.00	204.3	-0.0	0.0	0.0	350	05-Apr
PX03 86	96	19.96	33.3	12.9	0.0	0.00	202.2	1.5	0.0	0.0	350	06-Apr
PX03 86	97	16.10	30.1	16.6	0.0	0.00	95.6	0.2	0.0	0.0	350	07-Apr
PX03 86	98	26.95	32.9	12.2	0.0	0.00	103.5	-0.9	0.0	0.0	350	08-Apr
PX03 86	99	27.50	33.4	10.5	0.0	0.00	86.0	1.7	0.0	0.0	350	09-Apr
PX03 86	100	17.10	31.7	13.5	0.0	0.00	108.0	1.7	0.0	0.0	350	10-Apr
PX03 86	101	24.30	33.1	13.1	0.0	0.00	121.0	2.3	0.0	0.0	350	11-Apr
PX03 86	102	20.70	33.6	18.9	0.0	0.00	173.0	2.5	0.0	0.0	350	12-Apr
PX03 86	103	27.40	30.4	13.6	0.0	0.00	233.0	1.9	0.0	0.0	350	13-Apr
PX03 86	104	26.70	34.0	10.1	0.0	0.00	122.0	2.1	0.0	0.0	350	14-Apr
PX03 86	105	25.50	35.6	16.3	0.0	0.00	145.0	3.0	0.0	0.0	350	15-Apr
PX03 86	106	24.20	32.8	19.0	0.0	0.00	293.5	2.7	0.0	0.0	350	16-Apr
PX03 86	107	28.50	27.7	14.4	0.0	0.00	271.5	1.3	0.0	0.0	350	17-Apr
PX03 86	108	28.70	29.9	8.6	0.0	0.00	165.0	1.7	0.0	0.0	350	18-Apr
PX03 86	109	28.80	32.3	8.9	0.0	0.00	97.0	1.7	0.0	0.0	350	19-Apr
PX03 86	110	29.00	34.7	12.7	0.0	0.00	100.0	2.5	0.0	0.0	350	20-Apr
PX03 86	111	28.70	37.3	15.6	0.0	0.00	120.0	3.4	0.0	0.0	350	21-Apr
PX03 86	112	26.30	36.9	16.4	0.0	0.00	175.0	3.2	0.0	0.0	350	22-Apr
PX03 86	113	23.90	34.9	19.4	0.0	0.00	184.0	3.2	0.0	0.0	350	23-Apr
PX03 86	114	24.80	34.1	18.4	0.0	0.00	287.0	3.0	0.0	0.0	350	24-Apr
PX03 86	115	26.30	34.1	18.9	0.0	0.00	305.0	2.9	0.0	0.0	350	25-Apr
PX03 86	116	28.80	32.3	19.0	0.0	0.00	271.8	2.5	0.0	0.0	350	26-Apr
PX03 86	117	29.90	33.1	12.3	0.0	0.00	112.0	2.3	0.0	0.0	350	27-Apr
PX03 86	118	28.10	35.5	14.4	0.0	0.00	120.0	2.9	0.0	0.0	350	28-Apr
PX03 86	119	27.30	35.6	15.7	0.0	0.00	123.0	3.0	0.0	0.0	350	29-Apr
PX03 86	120	26.40	35.9	16.3	0.0	0.00	125.0	3.0	0.0	0.0	350	30-Apr
PX03 86	121	25.40	37.5	18.9	0.0	0.00	190.1	4.5	0.0	0.0	350	01-May
PX03 86	122	28.20	39.7	17.5	0.0	0.00	138.2	4.8	0.0	0.0	350	02-May
PX03 86	123	28.80	37.8	18.5	0.0	0.00	120.0	4.3	0.0	0.0	350	03-May
PX03 86	124	30.14	31.9	17.2	0.0	0.00	190.1	2.1	0.0	0.0	350	04-May
PX03 86	125	29.90	33.2	13.0	0.0	0.00	121.0	3.6	0.0	0.0	350	05-May
PX03 86	126	27.80	31.2	15.5	0.0	0.00	233.3	1.9	0.0	0.0	350	06-May
PX03 86	127	28.90	24.6	13.2	0.0	0.00	293.8	-0.7	0.0	0.0	350	07-May
PX03 86	128	30.20	29.3	8.9	0.0	0.00	146.9	-1.4	0.0	0.0	350	08-May
PX03 86	129	31.80	31.9	10.5	0.0	0.00	164.2	-2.5	0.0	0.0	350	09-May
PX03 86	130	30.27	35.3	12.6	0.0	0.00	146.9	-2.5	0.0	0.0	350	10-May
PX03 86	131	30.70	36.3	14.8	0.0	0.00	155.5	-1.9	0.0	0.0	350	11-May
PX03 86	132	30.70	35.6	14.0	0.0	0.00	86.4	-2.7	0.0	0.0	350	12-May

INSTW	IYR		SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00
	JUL				XRAIN	XTMAX	WIND	STMAX	CO2				
PX03	86	133	30.40	37.3	14.9	0.0	0.00	120.9	-1.2	0.0	0.0	350	13-May
PX03	86	134	29.10	35.9	15.6	0.0	0.00	138.2	-0.0	0.0	0.0	350	14-May
PX03	86	135	25.50	36.8	17.0	0.0	0.00	207.4	-0.0	0.0	0.0	350	15-May
PX03	86	136	31.20	36.6	17.5	0.0	0.00	207.4	3.2	0.0	0.0	350	16-May
PX03	86	137	30.70	33.8	17.9	0.0	0.00	146.9	-0.9	0.0	0.0	350	17-May
PX03	86	138	30.90	37.1	17.5	0.0	0.00	112.3	-0.0	0.0	0.0	350	18-May
PX03	86	139	30.60	41.3	19.3	0.0	0.00	129.6	1.7	0.0	0.0	350	19-May
PX03	86	140	29.60	40.7	20.4	0.0	0.00	198.7	3.2	0.0	0.0	350	20-May
PX03	86	141	22.63	37.3	21.4	0.0	0.00	190.1	2.5	0.0	0.0	350	21-May
PX03	86	142	29.10	36.0	18.6	0.0	0.00	103.7	2.9	0.0	0.0	350	22-May
PX03	86	143	27.90	36.4	21.1	0.0	0.00	146.9	4.5	0.0	0.0	350	23-May
PX03	86	144	23.10	37.0	21.0	0.0	0.00	95.0	2.7	0.0	0.0	350	24-May
PX03	86	145	29.90	39.9	19.0	0.0	0.00	129.6	3.6	0.0	0.0	350	25-May
PX03	86	146	29.40	40.0	20.4	0.0	0.00	181.4	4.1	0.0	0.0	350	26-May
PX03	86	147	29.80	40.3	20.7	0.0	0.00	129.6	4.6	0.0	0.0	350	27-May
PX03	86	148	28.57	41.0	21.2	0.0	0.00	146.9	6.8	0.0	0.0	350	28-May
PX03	86	149	26.90	39.1	23.7	0.0	0.00	164.2	9.5	0.0	0.0	350	29-May
PX03	86	150	20.00	35.6	24.5	0.0	0.00	172.8	11.6	0.0	0.0	350	30-May
PX03	86	151	25.50	37.8	21.4	0.0	0.00	172.8	13.9	0.0	0.0	350	31-May
PX03	86	152	26.30	40.4	22.2	0.5	0.00	164.2	11.2	0.0	0.0	350	01-Jun
PX03	86	153	25.14	39.3	21.6	0.0	0.00	181.4	12.9	0.0	0.0	350	02-Jun
PX03	86	154	28.73	40.2	22.9	0.0	0.00	164.2	13.4	0.0	0.0	350	03-Jun
PX03	86	155	29.30	39.3	25.4	0.0	0.00	164.2	13.7	0.0	0.0	350	04-Jun
PX03	86	156	29.40	39.7	24.6	0.0	0.00	164.2	12.1	0.0	0.0	350	05-Jun
PX03	86	157	30.60	39.3	19.7	0.0	0.00	103.7	7.8	0.0	0.0	350	06-Jun
PX03	86	158	31.10	40.2	20.2	0.0	0.00	129.6	6.4	0.0	0.0	350	07-Jun
PX03	86	159	31.30	38.4	21.4	0.0	0.00	164.2	4.1	0.0	0.0	350	08-Jun
PX03	86	160	28.70	39.8	20.5	0.0	0.00	181.4	5.0	0.0	0.0	350	09-Jun
PX03	86	161	31.00	39.1	18.4	0.0	0.00	112.3	3.6	0.0	0.0	350	10-Jun
PX03	86	162	30.80	38.8	19.1	0.0	0.00	95.0	6.5	0.0	0.0	350	11-Jun
PX03	86	163	31.00	39.4	20.8	0.0	0.00	120.9	5.9	0.0	0.0	350	12-Jun
PX03	86	164	31.10	40.0	23.9	0.0	0.00	132.0	5.8	0.0	0.0	350	13-Jun
PX03	86	165	31.30	40.4	21.3	0.0	0.00	114.0	8.8	0.0	0.0	350	14-Jun
PX03	86	166	30.14	41.4	23.9	0.0	0.00	129.6	11.1	0.0	0.0	350	15-Jun
PX03	86	167	29.50	40.9	24.0	0.0	0.00	155.5	8.9	0.0	0.0	350	16-Jun
PX03	86	168	29.70	42.5	27.8	0.0	0.00	155.5	12.1	0.0	0.0	350	17-Jun
PX03	86	169	30.60	38.4	22.4	0.0	0.00	172.8	9.2	0.0	0.0	350	18-Jun
PX03	86	170	30.90	38.9	22.1	0.0	0.00	120.0	7.5	0.0	0.0	350	19-Jun
PX03	86	171	31.30	40.2	20.7	0.0	0.00	155.5	7.4	0.0	0.0	350	20-Jun
PX03	86	172	27.70	40.7	20.9	0.0	0.00	121.0	7.3	0.0	0.0	350	21-Jun
PX03	86	173	24.10	38.1	21.0	0.0	0.00	172.8	7.3	0.0	0.0	350	22-Jun
PX03	86	174	29.60	41.0	24.2	0.0	0.00	216.0	8.6	0.0	0.0	350	23-Jun
PX03	86	175	28.90	40.3	26.7	0.0	0.00	337.0	13.9	0.0	0.0	350	24-Jun
PX03	86	176	29.40	36.3	26.1	0.0	0.00	267.8	16.4	0.0	0.0	350	25-Jun
PX03	86	177	29.30	38.1	24.7	0.0	0.00	95.0	15.7	0.0	0.0	350	26-Jun
PX03	86	178	29.70	38.7	26.7	0.0	0.00	138.2	14.8	0.0	0.0	350	27-Jun
PX03	86	179	20.70	38.0	28.7	0.0	0.00	138.2	15.1	0.0	0.0	350	28-Jun
PX03	86	180	13.60	33.9	26.9	0.0	0.00	259.2	15.7	0.0	0.0	350	29-Jun
PX03	86	181	28.30	37.2	24.1	0.0	0.00	138.2	18.7	0.0	0.0	350	30-Jun
PX03	86	182	29.20	38.3	22.6	0.0	0.00	198.7	21.2	0.0	0.0	350	01-Jul
PX03	86	183	28.30	35.3	24.2	14.0	0.00	121.0	23.1	0.0	0.0	350	02-Jul
PX03	86	184	22.90	35.0	24.4	0.0	0.00	130.0	23.6	0.0	0.0	350	03-Jul

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX03	86	185	22.60	33.9	23.5	1.3	0.00	190.1	21.9	0.0	0.0	350	04-Jul
PX03	86	186	30.90	35.0	22.1	0.0	0.00	181.4	17.7	0.0	0.0	350	05-Jul
PX03	86	187	30.70	37.1	21.1	0.0	0.00	181.4	16.1	0.0	0.0	350	06-Jul
PX03	86	188	18.40	36.7	26.0	0.0	0.00	181.4	16.3	0.0	0.0	350	07-Jul
PX03	86	189	29.80	38.6	24.5	0.0	0.00	155.5	16.9	0.0	0.0	350	08-Jul
PX03	86	190	29.80	36.1	25.3	0.0	0.00	172.8	19.3	0.0	0.0	350	09-Jul
PX03	86	191	29.30	36.9	26.7	0.0	0.00	155.5	20.3	0.0	0.0	350	10-Jul
PX03	86	192	29.60	36.5	26.6	0.0	0.00	146.9	17.7	0.0	0.0	350	11-Jul
PX03	86	193	30.40	36.8	25.2	0.0	0.00	164.2	13.5	0.0	0.0	350	12-Jul
PX03	86	194	26.70	35.1	25.5	0.0	0.00	198.7	16.4	0.0	0.0	350	13-Jul
PX03	86	195	22.12	34.6	27.6	0.0	0.00	207.4	20.3	0.0	0.0	350	14-Jul
PX03	86	196	25.80	35.3	25.5	0.0	0.00	198.7	19.3	0.0	0.0	350	15-Jul
PX03	86	197	23.30	34.1	24.8	0.0	0.00	302.4	19.3	0.0	0.0	350	16-Jul
PX03	86	198	30.70	34.3	22.7	0.0	0.00	181.4	19.2	0.0	0.0	350	17-Jul
PX03	86	199	22.40	35.3	25.7	0.0	0.00	138.2	19.2	0.0	0.0	350	18-Jul
PX03	86	200	28.00	38.3	25.4	0.0	0.00	181.4	18.7	0.0	0.0	350	19-Jul
PX03	86	201	26.40	40.1	22.2	0.0	0.00	164.2	16.7	0.0	0.0	350	20-Jul
PX03	86	202	13.41	27.9	20.6	15.2	0.00	146.9	20.4	0.0	0.0	350	21-Jul
PX03	86	203	28.20	32.7	20.9	0.0	0.00	121.0	20.5	0.0	0.0	350	22-Jul
PX03	86	204	19.40	33.4	22.2	0.0	0.00	172.8	18.4	0.0	0.0	350	23-Jul
PX03	86	205	28.70	35.1	24.9	0.0	0.00	241.9	18.6	0.0	0.0	350	24-Jul
PX03	86	206	26.50	34.9	23.2	0.0	0.00	250.6	15.4	0.0	0.0	350	25-Jul
PX03	86	207	29.70	35.8	21.0	0.0	0.00	112.3	12.8	0.0	0.0	350	26-Jul
PX03	86	208	29.40	37.2	19.0	0.0	0.00	103.7	10.6	0.0	0.0	350	27-Jul
PX03	86	209	25.00	37.1	20.6	0.0	0.00	69.1	12.3	0.0	0.0	350	28-Jul
PX03	86	210	28.30	37.6	23.1	0.0	0.00	198.7	15.0	0.0	0.0	350	29-Jul
PX03	86	211	29.10	36.8	20.8	0.0	0.00	146.9	13.2	0.0	0.0	350	30-Jul
PX03	86	212	28.80	38.2	21.7	0.0	0.00	146.9	12.6	0.0	0.0	350	31-Jul
PX03	86	213	27.70	37.3	24.0	0.0	0.00	164.2	14.9	0.0	0.0	350	01-Aug
PX03	86	214	25.40	37.7	28.2	0.0	0.00	181.4	18.7	0.0	0.0	350	02-Aug
PX03	86	215	20.50	39.4	26.0	0.0	0.00	103.7	16.9	0.0	0.0	350	03-Aug
PX03	86	216	27.70	42.3	26.4	0.0	0.00	138.2	16.2	0.0	0.0	350	04-Aug
PX03	86	217	26.20	39.4	27.2	0.0	0.00	129.6	17.6	0.0	0.0	350	05-Aug
PX03	86	218	22.70	35.6	26.8	0.0	0.00	164.2	19.2	0.0	0.0	350	06-Aug
PX03	86	219	27.30	37.5	26.2	2.8	0.00	198.7	18.8	0.0	0.0	350	07-Aug
PX03	86	220	20.24	35.5	25.1	0.0	0.00	172.8	18.9	0.0	0.0	350	08-Aug
PX03	86	221	27.10	37.6	25.9	1.1	0.00	155.5	18.7	0.0	0.0	350	09-Aug
PX03	86	222	25.00	37.2	25.1	0.0	0.00	155.5	19.7	0.0	0.0	350	10-Aug
PX03	86	223	21.90	39.9	26.6	0.0	0.00	172.8	20.6	0.0	0.0	350	11-Aug
PX03	86	224	24.20	37.0	27.4	0.0	0.00	129.6	20.6	0.0	0.0	350	12-Aug
PX03	86	225	26.60	36.9	25.4	0.0	0.00	112.3	21.2	0.0	0.0	350	13-Aug
PX03	86	226	26.50	37.7	26.2	0.0	0.00	138.2	20.4	0.0	0.0	350	14-Aug
PX03	86	227	27.10	37.9	26.5	0.0	0.00	150.0	18.1	0.0	0.0	350	15-Aug
PX03	86	228	26.60	38.3	26.9	0.0	0.00	146.9	18.8	0.0	0.0	350	16-Aug
PX03	86	229	19.70	37.3	28.1	0.0	0.00	198.7	19.1	0.0	0.0	350	17-Aug
PX03	86	230	14.70	37.6	26.5	0.0	0.00	95.0	19.4	0.0	0.0	350	18-Aug
PX03	86	231	25.30	43.3	25.6	0.0	0.00	95.0	18.4	0.0	0.0	350	19-Aug
PX03	86	232	25.00	40.3	27.3	0.0	0.00	112.3	19.4	0.0	0.0	350	20-Aug
PX03	86	233	21.70	40.7	30.0	0.0	0.00	205.0	18.5	0.0	0.0	350	21-Aug
PX03	86	234	26.90	41.4	26.6	0.0	0.00	131.0	18.0	0.0	0.0	350	22-Aug
PX03	86	235	18.70	40.3	25.8	0.0	0.00	241.9	16.4	0.0	0.0	350	23-Aug
PX03	86	236	17.80	34.6	24.3	0.0	0.00	121.0	19.9	0.0	0.0	350	24-Aug

INSTW	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
	JUL		XTMAX		XRAIN		WIND		STMAX	CO2			
PX03	86	237	20.90	37.5	23.2	0.5	0.00	200.0	19.8	0.0	0.0	350	25-Aug
PX03	86	238	21.40	34.5	23.2	5.4	0.00	152.0	21.1	0.0	0.0	350	26-Aug
PX03	86	239	19.12	34.3	23.7	23.1	0.00	137.0	21.9	0.0	0.0	350	27-Aug
PX03	86	240	24.20	35.0	24.1	0.8	0.00	178.0	21.5	0.0	0.0	350	28-Aug
PX03	86	241	20.50	34.6	23.9	2.0	0.00	205.0	21.0	0.0	0.0	350	29-Aug
PX03	86	242	24.20	36.1	21.8	0.0	0.00	164.0	20.2	0.0	0.0	350	30-Aug
PX03	86	243	22.80	37.2	25.5	0.0	0.00	164.0	20.4	0.0	0.0	350	31-Aug
PX03	86	244	24.00	36.6	24.3	0.0	0.00	145.0	18.0	0.0	0.0	350	01-Sep
PX03	86	245	24.80	36.7	22.6	0.0	0.00	112.0	16.2	0.0	0.0	350	02-Sep
PX03	86	246	23.70	37.6	21.7	0.0	0.00	112.0	14.5	0.0	0.0	350	03-Sep
PX03	86	247	25.70	38.6	24.1	0.0	0.00	100.0	16.4	0.0	0.0	350	04-Sep
PX03	86	248	25.70	39.6	25.5	0.0	0.00	127.0	12.9	0.0	0.0	350	05-Sep
PX03	86	249	24.20	40.6	22.1	0.0	0.00	130.0	12.4	0.0	0.0	350	06-Sep
PX03	86	250	23.90	41.9	25.4	0.0	0.00	331.4	12.6	0.0	0.0	350	07-Sep
PX03	86	251	14.83	40.1	24.9	0.0	0.00	207.0	15.3	0.0	0.0	350	08-Sep
PX03	86	252	20.87	38.3	24.9	0.0	0.00	271.5	2.9	0.0	0.0	350	09-Sep
PX03	86	253	21.10	31.9	18.3	0.0	0.00	260.9	13.4	0.0	0.0	350	10-Sep
PX03	86	254	22.50	34.2	15.7	0.0	0.00	125.0	7.5	0.0	0.0	350	11-Sep
PX03	86	255	17.90	35.4	17.6	0.0	0.00	145.0	10.1	0.0	0.0	350	12-Sep
PX03	86	256	17.80	34.5	19.3	0.0	0.00	157.0	8.8	0.0	0.0	350	13-Sep
PX03	86	257	22.40	35.5	16.4	0.0	0.00	185.0	7.4	0.0	0.0	350	14-Sep
PX03	86	258	20.72	35.4	19.1	0.0	0.00	147.0	8.9	0.0	0.0	350	15-Sep
PX03	86	259	21.20	33.4	15.0	0.0	0.00	136.0	8.2	0.0	0.0	350	16-Sep
PX03	86	260	21.30	32.2	15.5	0.0	0.00	126.0	8.1	0.0	0.0	350	17-Sep
PX03	86	261	20.10	34.2	16.8	0.0	0.00	120.0	7.1	0.0	0.0	350	18-Sep
PX03	86	262	20.80	34.6	16.6	0.0	0.00	112.3	7.7	0.0	0.0	350	19-Sep
PX03	86	263	18.50	34.5	17.7	0.0	0.00	112.3	9.5	0.0	0.0	350	20-Sep
PX03	86	264	7.50	28.3	15.9	0.0	0.00	69.1	9.8	0.0	0.0	350	21-Sep
PX03	86	265	6.60	27.8	20.1	0.0	0.00	112.3	12.0	0.0	0.0	350	22-Sep
PX03	86	266	5.44	25.1	16.1	9.7	0.00	77.8	15.5	0.0	0.0	350	23-Sep
PX03	86	267	18.80	23.9	11.4	0.0	0.00	60.5	10.5	0.0	0.0	350	24-Sep
PX03	86	268	18.60	27.9	13.4	0.5	0.00	65.0	10.9	0.0	0.0	350	25-Sep
PX03	86	269	18.20	28.5	15.7	0.0	0.00	69.1	11.3	0.0	0.0	350	26-Sep
PX03	86	270	21.60	30.7	12.1	0.0	0.00	86.4	10.6	0.0	0.0	350	27-Sep
PX03	86	271	21.30	30.7	13.8	0.0	0.00	95.0	9.2	0.0	0.0	350	28-Sep
PX03	86	272	19.90	29.2	13.1	0.0	0.00	51.8	8.1	0.0	0.0	350	29-Sep
PX03	86	273	20.60	30.8	12.2	0.0	0.00	69.1	8.2	0.0	0.0	350	30-Sep
PX03	86	274	21.20	32.6	12.7	0.0	0.00	250.6	6.7	0.0	0.0	350	01-Oct
PX03	86	275	19.00	28.5	16.6	0.0	0.00	181.4	8.2	0.0	0.0	350	02-Oct
PX03	86	276	17.86	27.6	15.4	0.0	0.00	112.3	8.2	0.0	0.0	350	03-Oct



FILENAME: PX150308.W86

WEATHER DATA FOR CO2=AMBIENT, IRR=WET, NIT=+, REP=#2

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC      ↓      CO2YR WINDYR  
 PX15 33.40 112.00 2.30 0 1 1 0 1 350 0.0

	IYR	SOLRAD		XTMIN	XPAR	DEWPT	STMIN	A00
<u>INSTW</u>	<u>JUL</u>	<u>XTMAX</u>		<u>XRAIN</u>	<u>WIND</u>	<u>STMAX</u>	<u>CO2</u>	
PX15 86 87	21.53	38.6	20.3	0.0	0.00 202.2	-0.5	0.0	350 28-Mar
PX15 86 88	24.11	36.8	18.6	0.0	0.00 127.9	-1.4	0.0	350 29-Mar
PX15 86 89	23.48	37.4	15.6	0.0	0.00 82.8	1.5	0.0	350 30-Mar
PX15 86 90	10.93	33.5	18.5	0.0	0.00 121.0	0.6	0.0	350 31-Mar
PX15 86 91	17.70	31.8	19.6	0.0	0.00 162.0	-2.2	0.0	350 01-Apr
PX15 86 92	25.03	27.1	14.0	0.0	0.00 358.9	-1.7	0.0	350 02-Apr
PX15 86 93	26.40	28.8	8.3	0.0	0.00 111.3	0.9	0.0	350 03-Apr
PX15 86 94	26.54	31.8	10.3	0.0	0.00 141.9	1.1	0.0	350 04-Apr
PX15 86 95	26.78	35.6	10.5	0.0	0.00 204.3	-0.0	0.0	350 05-Apr
PX15 86 96	19.96	33.3	12.9	0.0	0.00 202.2	1.5	0.0	350 06-Apr
PX15 86 97	16.10	30.1	16.6	0.0	0.00 95.6	0.2	0.0	350 07-Apr
PX10 86 98	26.95	32.9	12.2	0.0	0.00 103.5	-0.9	0.0	350 08-Apr
PX15 86 99	27.50	33.3	11.4	0.0	0.00 86.0	1.3	0.0	350 09-Apr
PX15 86 100	17.10	31.4	14.1	0.0	0.00 108.0	1.3	0.0	350 10-Apr
PX15 86 101	24.30	33.1	13.7	0.0	0.00 121.0	1.7	0.0	350 11-Apr
PX15 86 102	20.70	33.6	19.0	0.0	0.00 173.0	1.9	0.0	350 12-Apr
PX15 86 103	27.40	30.6	14.2	0.0	0.00 233.0	1.3	0.0	350 13-Apr
PX15 86 104	26.70	34.1	11.0	0.0	0.00 122.0	1.5	0.0	350 14-Apr
PX15 86 105	25.50	35.9	16.6	0.0	0.00 145.0	2.3	0.0	350 15-Apr
PX15 86 106	24.20	32.8	19.0	0.0	0.00 293.5	2.1	0.0	350 16-Apr
PX15 86 107	28.50	26.9	14.9	0.0	0.00 271.5	0.9	0.0	350 17-Apr
PX15 86 108	28.70	29.4	9.7	0.0	0.00 165.0	1.3	0.0	350 18-Apr
PX15 86 109	28.80	32.1	9.9	0.0	0.00 97.0	1.3	0.0	350 19-Apr
PX15 86 110	29.00	34.9	13.4	0.0	0.00 100.0	1.9	0.0	350 20-Apr
PX15 86 111	28.70	37.8	16.0	0.0	0.00 120.0	2.7	0.0	350 21-Apr
PX15 86 112	26.30	37.4	16.7	0.0	0.00 175.0	2.5	0.0	350 22-Apr
PX15 86 113	23.90	35.1	19.4	0.0	0.00 184.0	2.5	0.0	350 23-Apr
PX15 86 114	24.80	34.2	18.5	0.0	0.00 287.0	2.5	0.0	350 24-Apr
PX15 86 115	26.30	34.2	19.0	0.0	0.00 305.0	2.3	0.0	350 25-Apr
PX15 86 116	28.80	32.2	19.0	0.0	0.00 271.8	1.9	0.0	350 26-Apr
PX15 86 117	29.90	33.1	13.0	0.0	0.00 112.0	1.7	0.0	350 27-Apr
PX15 86 118	28.10	35.8	14.9	0.0	0.00 120.0	2.3	0.0	350 28-Apr
PX15 86 119	27.30	35.9	16.1	0.0	0.00 123.0	2.3	0.0	350 29-Apr
PX15 86 120	26.40	36.2	16.6	0.0	0.00 125.0	2.5	0.0	350 30-Apr
PX15 86 121	25.40	38.1	19.0	0.0	0.00 190.1	3.8	0.0	350 01-May
PX15 86 122	28.20	40.5	17.7	0.0	0.00 138.2	4.8	0.0	350 02-May
PX15 86 123	28.80	38.4	18.6	0.0	0.00 120.0	4.8	0.0	350 03-May
PX15 86 124	30.14	31.7	17.4	0.0	0.00 190.1	2.1	0.0	350 04-May
PX15 86 125	29.90	33.2	13.6	0.0	0.00 121.0	5.3	0.0	350 05-May
PX15 86 126	27.80	31.6	16.3	0.0	0.00 233.3	1.7	0.0	350 06-May
PX15 86 127	28.90	24.5	13.4	0.0	0.00 293.8	-0.9	0.0	350 07-May
PX15 86 128	30.20	29.1	10.1	0.0	0.00 146.9	-1.2	0.0	350 08-May
PX15 86 129	31.80	32.0	11.5	0.0	0.00 164.2	-2.2	0.0	350 09-May
PX15 86 130	30.27	35.7	13.6	0.0	0.00 146.9	-3.0	0.0	350 10-May
PX15 86 131	30.70	36.6	15.6	0.0	0.00 155.5	-2.7	0.0	350 11-May
PX15 86 132	30.70	36.1	14.9	0.0	0.00 86.4	-3.3	0.0	350 12-May

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2	
PX15 86 133	30.40	37.5	15.7	0.0	0.00	120.9	-1.7	0.0	0.0	350	13-May	
PX15 86 134	29.10	35.8	16.5	0.0	0.00	138.2	-0.5	0.0	0.0	350	14-May	
PX15 86 135	25.50	36.7	17.6	0.0	0.00	207.4	-0.5	0.0	0.0	350	15-May	
PX15 86 136	31.20	36.6	17.9	0.0	0.00	207.4	3.0	0.0	0.0	350	16-May	
PX15 86 137	30.70	34.0	18.2	0.0	0.00	146.9	-1.4	0.0	0.0	350	17-May	
PX15 86 138	30.90	37.8	17.9	0.0	0.00	112.3	-0.2	0.0	0.0	350	18-May	
PX15 86 139	30.60	42.1	20.1	0.0	0.00	129.6	0.4	0.0	0.0	350	19-May	
PX15 86 140	29.60	42.2	21.0	0.0	0.00	198.7	1.9	0.0	0.0	350	20-May	
PX15 86 141	22.63	37.5	21.5	0.0	0.00	190.1	2.1	0.0	0.0	350	21-May	
PX15 86 142	29.10	36.7	19.1	0.0	0.00	103.7	2.7	0.0	0.0	350	22-May	
PX15 86 143	27.90	36.9	21.5	0.0	0.00	146.9	4.5	0.0	0.0	350	23-May	
PX15 86 144	23.10	37.3	21.5	0.0	0.00	95.0	2.1	0.0	0.0	350	24-May	
PX15 86 145	29.90	40.3	19.9	0.0	0.00	129.6	3.0	0.0	0.0	350	25-May	
PX15 86 146	29.40	40.4	21.1	0.0	0.00	181.4	3.4	0.0	0.0	350	26-May	
PX15 86 147	29.80	40.6	21.4	0.0	0.00	129.6	4.5	0.0	0.0	350	27-May	
PX15 86 148	28.57	41.3	22.2	0.0	0.00	146.9	7.0	0.0	0.0	350	28-May	
PX15 86 149	26.90	39.5	24.2	0.0	0.00	164.2	9.8	0.0	0.0	350	29-May	
PX15 86 150	20.00	35.8	25.0	0.0	0.00	172.8	12.3	0.0	0.0	350	30-May	
PX15 86 151	25.50	37.7	21.7	0.0	0.00	172.8	14.4	0.0	0.0	350	31-May	
PX15 86 152	26.30	40.1	22.2	0.5	0.00	164.2	12.0	0.0	0.0	350	01-Jun	
PX15 86 153	25.14	39.4	22.7	0.0	0.00	181.4	13.5	0.0	0.0	350	02-Jun	
PX15 86 154	28.73	40.3	23.1	0.0	0.00	164.2	14.1	0.0	0.0	350	03-Jun	
PX15 86 155	29.30	39.2	25.5	0.0	0.00	164.2	14.9	0.0	0.0	350	04-Jun	
PX15 86 156	29.40	39.5	24.6	0.0	0.00	164.2	13.7	0.0	0.0	350	05-Jun	
PX15 86 157	30.60	39.2	19.7	0.0	0.00	103.7	10.6	0.0	0.0	350	06-Jun	
PX15 86 158	31.10	40.1	20.9	0.0	0.00	129.6	10.4	0.0	0.0	350	07-Jun	
PX15 86 159	31.30	38.8	21.6	0.0	0.00	164.2	9.0	0.0	0.0	350	08-Jun	
PX15 86 160	28.70	39.3	20.8	0.0	0.00	181.4	6.7	0.0	0.0	350	09-Jun	
PX15 86 161	31.00	39.5	19.4	0.0	0.00	112.3	3.4	0.0	0.0	350	10-Jun	
PX15 86 162	30.80	38.4	19.4	0.0	0.00	95.0	7.0	0.0	0.0	350	11-Jun	
PX15 86 163	31.00	39.0	20.7	0.0	0.00	120.9	4.8	0.0	0.0	350	12-Jun	
PX15 86 164	31.10	39.6	23.5	0.0	0.00	132.0	4.6	0.0	0.0	350	13-Jun	
PX15 86 165	31.30	40.1	22.0	0.0	0.00	114.0	9.2	0.0	0.0	350	14-Jun	
PX15 86 166	30.14	41.1	24.7	0.0	0.00	129.6	11.5	0.0	0.0	350	15-Jun	
PX15 86 167	29.50	40.9	24.6	0.0	0.00	155.5	9.2	0.0	0.0	350	16-Jun	
PX15 86 168	29.70	42.0	28.2	0.0	0.00	155.5	11.8	0.0	0.0	350	17-Jun	
PX15 86 169	30.60	38.2	23.2	0.0	0.00	172.8	8.8	0.0	0.0	350	18-Jun	
PX15 86 170	30.90	38.4	22.5	0.0	0.00	120.0	6.8	0.0	0.0	350	19-Jun	
PX15 86 171	31.30	39.5	21.5	0.0	0.00	155.5	6.5	0.0	0.0	350	20-Jun	
PX15 86 172	27.70	39.6	21.7	0.0	0.00	121.0	6.5	0.0	0.0	350	21-Jun	
PX15 86 173	24.10	38.2	21.9	0.0	0.00	172.8	5.6	0.0	0.0	350	22-Jun	
PX15 86 174	29.60	41.0	24.7	0.0	0.00	216.0	8.2	0.0	0.0	350	23-Jun	
PX15 86 175	28.90	40.5	27.2	0.0	0.00	337.0	13.0	0.0	0.0	350	24-Jun	
PX15 86 176	29.40	36.7	26.2	0.0	0.00	267.8	16.7	0.0	0.0	350	25-Jun	
PX15 86 177	29.30	39.2	25.4	0.0	0.00	95.0	15.7	0.0	0.0	350	26-Jun	
PX15 86 178	29.70	38.2	27.2	0.0	0.00	138.2	15.0	0.0	0.0	350	27-Jun	
PX15 86 179	20.70	37.7	28.4	0.0	0.00	138.2	15.4	0.0	0.0	350	28-Jun	
PX15 86 180	13.60	33.5	27.1	0.0	0.00	259.2	15.8	0.0	0.0	350	29-Jun	
PX15 86 181	28.30	36.2	24.4	0.0	0.00	138.2	17.4	0.0	0.0	350	30-Jun	
PX15 86 182	29.20	37.4	23.8	0.0	0.00	198.7	19.4	0.0	0.0	350	01-Jul	
PX15 86 183	28.30	34.8	24.5	14.0	0.00	121.0	22.5	0.0	0.0	350	02-Jul	
PX15 86 184	22.90	34.9	24.4	0.0	0.00	130.0	22.7	0.0	0.0	350	03-Jul	

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX	CO2		
PX15 86 185	22.60	33.4	23.6	1.3	0.00	190.1	20.6	0.0	0.0	350	04-Jul	
PX15 86 186	30.90	34.7	23.1	0.0	0.00	181.4	14.6	0.0	0.0	350	05-Jul	
PX15 86 187	30.70	36.2	21.6	0.0	0.00	181.4	12.8	0.0	0.0	350	06-Jul	
PX15 86 188	18.40	36.1	26.6	0.0	0.00	181.4	14.1	0.0	0.0	350	07-Jul	
PX15 86 189	29.80	37.3	25.4	0.0	0.00	155.5	16.2	0.0	0.0	350	08-Jul	
PX15 86 190	29.80	35.4	26.4	0.0	0.00	172.8	18.4	0.0	0.0	350	09-Jul	
PX15 86 191	29.30	37.3	27.7	0.0	0.00	155.5	19.8	0.0	0.0	350	10-Jul	
PX15 86 192	29.60	36.2	26.9	0.0	0.00	146.9	17.7	0.0	0.0	350	11-Jul	
PX15 86 193	30.40	36.0	25.5	0.0	0.00	164.2	13.5	0.0	0.0	350	12-Jul	
PX15 86 194	26.70	35.8	25.5	0.0	0.00	198.7	16.8	0.0	0.0	350	13-Jul	
PX15 86 195	22.12	34.1	27.8	0.0	0.00	207.4	21.7	0.0	0.0	350	14-Jul	
PX15 86 196	25.80	35.0	25.8	0.0	0.00	198.7	19.9	0.0	0.0	350	15-Jul	
PX15 86 197	23.30	34.5	25.2	0.0	0.00	302.4	19.6	0.0	0.0	350	16-Jul	
PX15 86 198	30.70	34.1	23.2	0.0	0.00	181.4	19.4	0.0	0.0	350	17-Jul	
PX15 86 199	22.40	34.7	26.1	0.0	0.00	138.2	19.5	0.0	0.0	350	18-Jul	
PX15 86 200	28.00	37.9	26.0	0.0	0.00	181.4	18.9	0.0	0.0	350	19-Jul	
PX15 86 201	26.40	39.2	22.3	0.0	0.00	164.2	17.1	0.0	0.0	350	20-Jul	
PX15 86 202	13.41	27.8	20.7	15.2	0.00	146.9	20.4	0.0	0.0	350	21-Jul	
PX15 86 203	28.20	32.5	21.1	0.0	0.00	121.0	20.6	0.0	0.0	350	22-Jul	
PX15 86 204	19.40	33.7	22.7	0.0	0.00	172.8	18.4	0.0	0.0	350	23-Jul	
PX15 86 205	28.70	35.3	25.3	0.0	0.00	241.9	18.8	0.0	0.0	350	24-Jul	
PX15 86 206	26.50	35.5	23.3	0.0	0.00	250.6	15.8	0.0	0.0	350	25-Jul	
PX15 86 207	29.70	36.2	21.5	0.0	0.00	112.3	13.1	0.0	0.0	350	26-Jul	
PX15 86 208	29.40	35.7	19.4	0.0	0.00	103.7	16.6	0.0	0.0	350	27-Jul	
PX15 86 209	25.00	37.3	20.9	0.0	0.00	69.1	14.5	0.0	0.0	350	28-Jul	
PX15 86 210	28.30	37.7	23.5	0.0	0.00	198.7	15.0	0.0	0.0	350	29-Jul	
PX15 86 211	29.10	37.3	21.2	0.0	0.00	146.9	13.3	0.0	0.0	350	30-Jul	
PX15 86 212	28.80	38.3	22.4	0.0	0.00	146.9	12.7	0.0	0.0	350	31-Jul	
PX15 86 213	27.70	37.4	24.5	0.0	0.00	164.2	14.9	0.0	0.0	350	01-Aug	
PX15 86 214	25.40	37.5	28.2	0.0	0.00	181.4	18.9	0.0	0.0	350	02-Aug	
PX15 86 215	20.50	38.3	26.2	0.0	0.00	103.7	17.3	0.0	0.0	350	03-Aug	
PX15 86 216	27.70	40.7	26.8	0.0	0.00	138.2	16.3	0.0	0.0	350	04-Aug	
PX15 86 217	26.20	38.1	27.6	0.0	0.00	129.6	17.7	0.0	0.0	350	05-Aug	
PX15 86 218	22.70	35.5	27.4	0.0	0.00	164.2	19.2	0.0	0.0	350	06-Aug	
PX15 86 219	27.30	37.3	26.9	2.8	0.00	198.7	18.9	0.0	0.0	350	07-Aug	
PX15 86 220	20.24	35.6	26.1	0.0	0.00	172.8	18.9	0.0	0.0	350	08-Aug	
PX15 86 221	27.10	37.4	27.1	1.1	0.00	155.5	18.0	0.0	0.0	350	09-Aug	
PX15 86 222	25.00	37.0	25.8	0.0	0.00	155.5	19.7	0.0	0.0	350	10-Aug	
PX15 86 223	21.90	38.4	27.1	0.0	0.00	172.8	20.9	0.0	0.0	350	11-Aug	
PX15 86 224	24.20	36.9	27.5	0.0	0.00	129.6	21.2	0.0	0.0	350	12-Aug	
PX15 86 225	26.60	37.7	26.2	0.0	0.00	112.3	21.3	0.0	0.0	350	13-Aug	
PX15 86 226	26.50	37.8	27.2	0.0	0.00	138.2	20.8	0.0	0.0	350	14-Aug	
PX15 86 227	27.10	37.7	27.2	0.0	0.00	150.0	20.4	0.0	0.0	350	15-Aug	
PX15 86 228	26.60	38.3	27.0	0.0	0.00	146.9	18.9	0.0	0.0	350	16-Aug	
PX15 86 229	19.70	37.2	28.2	0.0	0.00	198.7	19.2	0.0	0.0	350	17-Aug	
PX15 86 230	14.70	37.4	26.9	0.0	0.00	95.0	19.3	0.0	0.0	350	18-Aug	
PX15 86 231	25.30	42.8	26.5	0.0	0.00	95.0	18.7	0.0	0.0	350	19-Aug	
PX15 86 232	25.00	40.4	27.9	0.0	0.00	112.3	19.3	0.0	0.0	350	20-Aug	
PX15 86 233	21.70	40.7	29.0	0.0	0.00	205.0	17.8	0.0	0.0	350	21-Aug	
PX15 86 234	26.90	41.3	25.5	0.0	0.00	131.0	17.1	0.0	0.0	350	22-Aug	
PX15 86 235	18.70	39.7	25.9	0.0	0.00	241.9	15.7	0.0	0.0	350	23-Aug	
PX15 86 236	17.80	34.2	23.6	0.0	0.00	121.0	20.8	0.0	0.0	350	24-Aug	

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL	XTMAX		XRAIN		WIND	STMAX	CO2					
PX15	86	237	20.90	36.3	22.9	0.5	0.00	200.0	20.9	0.0	0.0	350	25-Aug
PX15	86	238	21.40	34.6	23.4	5.4	0.00	152.0	21.0	0.0	0.0	350	26-Aug
PX15	86	239	19.12	34.7	23.8	23.1	0.00	137.0	22.0	0.0	0.0	350	27-Aug
PX15	86	240	24.20	34.5	24.0	0.8	0.00	178.0	21.6	0.0	0.0	350	28-Aug
PX15	86	241	20.50	35.3	24.1	2.0	0.00	205.0	21.5	0.0	0.0	350	29-Aug
PX15	86	242	25.20	34.5	23.2	0.0	0.00	164.0	21.7	0.0	0.0	350	30-Aug
PX15	86	243	22.80	35.4	26.1	0.0	0.00	164.0	21.4	0.0	0.0	350	31-Aug
PX15	86	244	24.00	35.1	23.8	0.0	0.00	145.0	19.6	0.0	0.0	350	01-Sep
PX15	86	245	24.80	36.9	21.7	0.0	0.00	112.0	17.7	0.0	0.0	350	02-Sep
PX15	86	246	23.70	37.5	21.1	0.0	0.00	112.0	17.2	0.0	0.0	350	03-Sep
PX15	86	247	25.70	38.3	23.6	0.0	0.00	100.0	15.0	0.0	0.0	350	04-Sep
PX15	86	248	25.70	39.1	24.9	0.0	0.00	127.0	14.5	0.0	0.0	350	05-Sep
PX15	86	249	24.20	39.9	23.4	0.0	0.00	130.0	12.7	0.0	0.0	350	06-Sep
PX15	86	250	23.90	41.8	26.3	0.0	0.00	331.4	12.0	0.0	0.0	350	07-Sep
PX15	86	251	14.83	40.3	24.6	0.0	0.00	207.0	15.6	0.0	0.0	350	08-Sep
PX15	86	252	20.87	38.9	24.4	0.0	0.00	271.5	2.3	0.0	0.0	350	09-Sep
PX15	86	253	21.10	32.8	19.4	0.0	0.00	260.9	12.9	0.0	0.0	350	10-Sep
PX15	86	254	22.50	33.8	15.2	0.0	0.00	125.0	7.1	0.0	0.0	350	11-Sep
PX15	86	255	17.90	34.8	19.0	0.0	0.00	145.0	10.0	0.0	0.0	350	12-Sep
PX15	86	256	17.80	33.6	20.4	0.0	0.00	157.0	8.5	0.0	0.0	350	13-Sep
PX15	86	257	22.40	34.9	17.5	0.0	0.00	185.0	7.3	0.0	0.0	350	14-Sep
PX15	86	258	20.72	34.9	19.8	0.0	0.00	147.0	8.8	0.0	0.0	350	15-Sep
PX15	86	259	21.20	34.1	15.5	0.0	0.00	136.0	7.8	0.0	0.0	350	16-Sep
PX15	86	260	21.30	33.2	16.0	0.0	0.00	126.0	6.4	0.0	0.0	350	17-Sep
PX15	86	261	20.10	34.7	17.0	0.0	0.00	120.0	7.4	0.0	0.0	350	18-Sep
PX15	86	262	20.80	34.3	16.8	0.0	0.00	112.3	7.1	0.0	0.0	350	19-Sep
PX15	86	263	18.50	33.0	17.4	0.0	0.00	112.3	10.9	0.0	0.0	350	20-Sep
PX15	86	264	7.50	27.2	15.5	0.0	0.00	69.1	12.2	0.0	0.0	350	21-Sep
PX15	86	265	6.60	27.5	19.8	0.0	0.00	112.3	14.7	0.0	0.0	350	22-Sep
PX15	86	266	5.44	25.6	16.3	9.7	0.00	77.8	14.5	0.0	0.0	350	23-Sep
PX15	86	267	18.80	24.1	11.8	0.0	0.00	60.5	8.8	0.0	0.0	350	24-Sep
PX15	86	268	18.60	26.4	13.9	0.5	0.00	65.0	10.4	0.0	0.0	350	25-Sep
PX15	86	269	18.20	28.5	16.6	0.0	0.00	69.1	12.7	0.0	0.0	350	26-Sep
PX15	86	270	21.60	30.3	13.4	0.0	0.00	86.4	10.6	0.0	0.0	350	27-Sep
PX15	86	271	21.30	30.7	14.6	0.0	0.00	95.0	9.2	0.0	0.0	350	28-Sep
PX15	86	272	19.90	29.3	13.8	0.0	0.00	51.8	8.1	0.0	0.0	350	29-Sep
PX15	86	273	20.60	30.6	13.8	0.0	0.00	69.1	8.2	0.0	0.0	350	30-Sep
PX15	86	274	21.20	32.9	14.4	0.0	0.00	250.6	6.7	0.0	0.0	350	01-Oct
PX15	86	275	19.00	28.6	17.0	0.0	0.00	181.4	8.2	0.0	0.0	350	02-Oct
PX15	86	276	17.86	27.5	16.0	0.0	0.00	112.3	8.1	0.0	0.0	350	03-Oct

FILENAME: PX050308.W86

WEATHER DATA FOR CO2=650, IRR-DRY, NIT--, REP=#1

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC      ↓      CO2YR WINDYR  
 PX05 33.40 112.00 2.30 0 1 1 0 1 650 0.0

	IYR	SOLRAD	XTMIN	XPAR	DEWPT	STMIN	A00
<u>INSTW</u>	<u>JUL</u>	<u>XTMAX</u>	<u>XRAIN</u>	<u>WIND</u>	<u>STMAX</u>	<u>CO2</u>	
PX05	86	87	21.53	38.6	20.3	0.0	0.00 202.2 -0.5 0.0 0.0 350 28-Mar
PX05	86	88	24.11	36.8	18.6	0.0	0.00 127.9 -1.4 0.0 0.0 350 29-Mar
PX05	86	89	23.48	37.4	15.6	0.0	0.00 82.8 1.5 0.0 0.0 350 30-Mar
PX05	86	90	10.93	33.5	18.5	0.0	0.00 121.0 0.6 0.0 0.0 350 31-Mar
PX05	86	91	17.70	31.8	19.6	0.0	0.00 162.0 -2.2 0.0 0.0 350 01-Apr
PX05	86	92	25.03	27.1	14.0	0.0	0.00 358.9 -1.7 0.0 0.0 350 02-Apr
PX05	86	93	26.40	28.8	8.3	0.0	0.00 111.3 0.9 0.0 0.0 350 03-Apr
PX05	86	94	26.54	31.8	10.3	0.0	0.00 141.9 1.1 0.0 0.0 350 04-Apr
PX05	86	95	26.78	35.6	10.5	0.0	0.00 204.3 -0.0 0.0 0.0 350 05-Apr
PX05	86	96	19.96	33.3	12.9	0.0	0.00 202.2 1.5 0.0 0.0 350 06-Apr
PX05	86	97	16.10	30.1	16.6	0.0	0.00 95.6 0.2 0.0 0.0 350 07-Apr
PX05	86	98	26.95	32.9	12.2	0.0	0.00 103.5 -0.9 0.0 0.0 350 08-Apr
PX05	86	99	27.50	34.2	11.3	0.0	0.00 86.0 0.4 0.0 0.0 350 09-Apr
PX05	86	100	17.10	32.5	14.3	0.0	0.00 108.0 0.4 0.0 0.0 350 10-Apr
PX05	86	101	24.30	33.9	13.9	0.0	0.00 121.0 1.3 0.0 0.0 350 11-Apr
PX05	86	102	20.70	34.5	19.6	0.0	0.00 173.0 1.5 0.0 0.0 350 12-Apr
PX05	86	103	27.40	31.2	14.4	0.0	0.00 233.0 0.4 0.0 0.0 350 13-Apr
PX05	86	104	26.70	34.9	10.9	0.0	0.00 122.0 0.9 0.0 0.0 350 14-Apr
PX05	86	105	25.50	36.4	17.1	0.0	0.00 145.0 2.5 0.0 0.0 350 15-Apr
PX05	86	106	24.20	33.7	19.7	0.0	0.00 293.5 1.9 0.0 0.0 350 16-Apr
PX05	86	107	28.50	28.5	15.1	0.0	0.00 271.5 -0.5 0.0 0.0 350 17-Apr
PX05	86	108	28.70	30.7	9.4	0.0	0.00 165.0 -0.0 0.0 0.0 350 18-Apr
PX05	86	109	28.80	33.1	9.7	0.0	0.00 97.0 0.4 0.0 0.0 350 19-Apr
PX05	86	110	29.00	35.6	13.5	0.0	0.00 100.0 1.9 0.0 0.0 350 20-Apr
PX05	86	111	28.70	38.1	16.4	0.0	0.00 120.0 3.2 0.0 0.0 350 21-Apr
PX05	86	112	26.30	37.8	17.1	0.0	0.00 175.0 3.0 0.0 0.0 350 22-Apr
PX05	86	113	23.90	35.7	20.1	0.0	0.00 184.0 3.0 0.0 0.0 350 23-Apr
PX05	86	114	24.80	35.0	19.1	0.0	0.00 287.0 2.7 0.0 0.0 350 24-Apr
PX05	86	115	26.30	35.0	19.6	0.0	0.00 305.0 2.5 0.0 0.0 650 25-Apr
PX05	86	116	28.80	33.2	19.7	0.0	0.00 271.8 1.7 0.0 0.0 650 26-Apr
PX05	86	117	29.90	33.9	13.1	0.0	0.00 112.0 1.1 0.0 0.0 650 27-Apr
PX05	86	118	28.10	36.3	15.2	0.0	0.00 120.0 2.3 0.0 0.0 650 28-Apr
PX05	86	119	27.30	36.4	16.5	0.0	0.00 123.0 2.5 0.0 0.0 650 29-Apr
PX05	86	120	26.40	36.8	17.0	0.0	0.00 125.0 2.9 0.0 0.0 650 30-Apr
PX05	86	121	25.40	38.4	19.6	0.0	0.00 190.1 3.4 0.0 0.0 650 01-May
PX05	86	122	28.20	40.5	18.2	0.0	0.00 138.2 4.6 0.0 0.0 650 02-May
PX05	86	123	28.80	38.6	19.2	0.0	0.00 120.0 4.3 0.0 0.0 650 03-May
PX05	86	124	30.10	32.7	17.9	0.0	0.00 190.1 1.9 0.0 0.0 650 04-May
PX05	86	125	29.90	34.8	14.6	0.0	0.00 121.0 1.3 0.0 0.0 650 05-May
PX05	86	126	27.80	31.7	16.2	0.0	0.00 233.3 2.7 0.0 0.0 650 06-May
PX05	86	127	28.90	25.2	13.5	0.0	0.00 293.8 -0.2 0.0 0.0 650 07-May
PX05	86	128	30.20	29.8	9.6	0.0	0.00 146.9 -0.9 0.0 0.0 650 08-May
PX05	86	129	31.80	34.4	11.2	0.0	0.00 164.2 2.3 0.0 0.0 650 09-May
PX05	86	130	30.30	35.7	13.3	0.0	0.00 146.9 -0.9 0.0 0.0 650 10-May
PX05	86	131	30.70	36.7	15.5	0.0	0.00 155.5 -0.0 0.0 0.0 650 11-May
PX05	86	132	30.70	35.7	14.7	0.0	0.00 86.4 -0.7 0.0 0.0 650 12-May

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX05	86	133	30.40	37.6	15.5	0.0	0.00	120.9	0.6	0.0	0.0	650	13-May
PX05	86	134	29.10	35.8	16.3	0.0	0.00	138.2	1.7	0.0	0.0	650	14-May
PX05	86	135	25.50	36.1	17.6	0.0	0.00	207.4	-1.2	0.0	0.0	650	15-May
PX05	86	136	31.20	36.8	18.0	0.0	0.00	207.4	-0.2	0.0	0.0	650	16-May
PX05	86	137	30.70	33.8	18.1	0.0	0.00	146.9	0.4	0.0	0.0	650	17-May
PX05	86	138	30.90	37.3	17.7	0.0	0.00	112.3	1.7	0.0	0.0	650	18-May
PX05	86	139	30.60	41.7	19.8	0.0	0.00	129.6	2.7	0.0	0.0	650	19-May
PX05	86	140	29.60	42.7	21.0	0.0	0.00	198.7	3.8	0.0	0.0	650	20-May
PX05	86	141	22.63	38.0	21.8	0.0	0.00	190.1	3.8	0.0	0.0	650	21-May
PX05	86	142	29.10	36.9	19.0	0.0	0.00	103.7	3.9	0.0	0.0	650	22-May
PX05	86	143	27.90	36.9	21.6	0.0	0.00	146.9	4.6	0.0	0.0	650	23-May
PX05	86	144	23.10	37.4	21.4	0.0	0.00	95.0	2.3	0.0	0.0	650	24-May
PX05	86	145	29.90	39.2	19.6	0.0	0.00	129.6	4.8	0.0	0.0	650	25-May
PX05	86	146	29.40	40.8	19.6	0.0	0.00	181.4	6.7	0.0	0.0	650	26-May
PX05	86	147	29.80	41.0	21.0	0.0	0.00	129.6	4.5	0.0	0.0	650	27-May
PX05	86	148	28.57	41.9	22.2	0.0	0.00	146.9	6.7	0.0	0.0	650	28-May
PX05	86	149	26.90	40.2	24.3	0.0	0.00	164.2	9.3	0.0	0.0	650	29-May
PX05	86	150	20.00	36.3	24.6	0.0	0.00	172.8	11.6	0.0	0.0	650	30-May
PX05	86	151	25.50	38.4	21.6	0.0	0.00	172.8	14.0	0.0	0.0	650	31-May
PX05	86	152	26.30	40.7	22.4	0.5	0.00	164.2	11.3	0.0	0.0	650	01-Jun
PX05	86	153	25.14	39.9	22.6	0.0	0.00	181.4	12.9	0.0	0.0	650	02-Jun
PX05	86	154	28.73	41.3	23.1	0.0	0.00	164.2	13.3	0.0	0.0	650	03-Jun
PX05	86	155	29.30	40.3	25.5	0.0	0.00	164.2	13.7	0.0	0.0	650	04-Jun
PX05	86	156	29.40	40.5	24.8	0.0	0.00	164.2	12.2	0.0	0.0	650	05-Jun
PX05	86	157	30.60	40.2	19.5	0.0	0.00	103.7	8.0	0.0	0.0	650	06-Jun
PX05	86	158	31.10	40.8	20.6	0.0	0.00	129.6	6.7	0.0	0.0	650	07-Jun
PX05	86	159	31.30	39.2	21.6	0.0	0.00	164.2	4.5	0.0	0.0	650	08-Jun
PX05	86	160	28.70	39.9	20.6	0.0	0.00	181.4	4.8	0.0	0.0	650	09-Jun
PX05	86	161	31.00	40.6	19.1	0.0	0.00	112.3	2.5	0.0	0.0	650	10-Jun
PX05	86	162	30.80	39.6	19.4	0.0	0.00	95.0	5.8	0.0	0.0	650	11-Jun
PX05	86	163	31.00	40.3	20.3	0.0	0.00	120.9	6.5	0.0	0.0	650	12-Jun
PX05	86	164	31.10	41.0	21.2	0.0	0.00	132.0	7.3	0.0	0.0	650	13-Jun
PX05	86	165	31.30	41.6	22.0	0.0	0.00	114.0	8.1	0.0	0.0	650	14-Jun
PX05	86	166	30.14	42.4	24.7	0.0	0.00	129.6	10.5	0.0	0.0	650	15-Jun
PX05	86	167	29.50	42.2	24.6	0.0	0.00	155.5	8.0	0.0	0.0	650	16-Jun
PX05	86	168	29.70	43.2	28.1	0.0	0.00	155.5	11.5	0.0	0.0	650	17-Jun
PX05	86	169	30.60	39.5	23.4	0.0	0.00	172.8	8.5	0.0	0.0	650	18-Jun
PX05	86	170	30.90	39.7	22.7	0.0	0.00	120.0	6.2	0.0	0.0	650	19-Jun
PX05	86	171	31.30	41.1	21.4	0.0	0.00	155.5	6.2	0.0	0.0	650	20-Jun
PX05	86	172	27.70	41.4	21.8	0.0	0.00	121.0	6.8	0.0	0.0	650	21-Jun
PX05	86	173	24.10	39.1	21.8	0.0	0.00	172.8	7.5	0.0	0.0	650	22-Jun
PX05	86	174	29.60	41.7	24.8	0.0	0.00	216.0	8.9	0.0	0.0	650	23-Jun
PX05	86	175	28.90	40.9	27.1	0.0	0.00	337.0	13.1	0.0	0.0	650	24-Jun
PX05	86	176	29.40	37.9	26.6	0.0	0.00	267.8	16.3	0.0	0.0	650	25-Jun
PX05	86	177	29.30	39.7	25.9	0.0	0.00	95.0	14.9	0.0	0.0	650	26-Jun
PX05	86	178	29.70	40.2	27.6	0.0	0.00	138.2	14.2	0.0	0.0	650	27-Jun
PX05	86	179	20.70	39.3	29.3	0.0	0.00	138.2	14.8	0.0	0.0	650	28-Jun
PX05	86	180	13.60	35.0	27.1	0.0	0.00	259.2	15.4	0.0	0.0	650	29-Jun
PX05	86	181	28.30	37.0	24.3	0.0	0.00	138.2	18.0	0.0	0.0	650	30-Jun
PX05	86	182	29.20	38.2	23.8	10.9	0.00	198.7	21.7	0.0	0.0	650	01-Jul
PX05	86	183	28.30	35.4	24.3	14.0	0.00	121.0	23.1	0.0	0.0	650	02-Jul
PX05	86	184	22.90	36.5	24.6	0.0	0.00	130.0	22.5	0.0	0.0	650	03-Jul

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX05	86	185	22.60	34.7	23.5	1.3	0.00	190.1	20.6	0.0	0.0	650	04-Jul
PX05	86	186	30.90	35.0	22.9	0.0	0.00	181.4	17.7	0.0	0.0	650	05-Jul
PX05	86	187	30.70	36.6	21.4	0.0	0.00	181.4	17.7	0.0	0.0	650	06-Jul
PX05	86	188	18.40	36.4	26.2	0.0	0.00	181.4	16.3	0.0	0.0	650	07-Jul
PX05	86	189	29.80	38.3	25.0	0.0	0.00	155.5	15.8	0.0	0.0	650	08-Jul
PX05	86	190	29.80	36.5	26.7	0.0	0.00	172.8	18.4	0.0	0.0	650	09-Jul
PX05	86	191	29.30	37.2	27.7	0.0	0.00	155.5	17.9	0.0	0.0	650	10-Jul
PX05	86	192	29.60	37.9	27.1	0.0	0.00	146.9	16.9	0.0	0.0	650	11-Jul
PX05	86	193	30.40	38.9	25.7	0.0	0.00	164.2	12.2	0.0	0.0	650	12-Jul
PX05	86	194	26.70	38.1	25.6	0.0	0.00	198.7	15.8	0.0	0.0	650	13-Jul
PX05	86	195	22.12	36.1	27.9	0.0	0.00	207.4	18.2	0.0	0.0	650	14-Jul
PX05	86	196	25.80	36.5	25.8	0.0	0.00	198.7	19.0	0.0	0.0	650	15-Jul
PX05	86	197	23.30	35.2	25.2	0.0	0.00	302.4	19.1	0.0	0.0	650	16-Jul
PX05	86	198	30.70	35.2	23.0	0.0	0.00	181.4	18.9	0.0	0.0	650	17-Jul
PX05	86	199	22.43	36.1	26.4	0.0	0.00	138.2	19.0	0.0	0.0	650	18-Jul
PX05	86	200	28.00	40.3	26.0	0.0	0.00	181.4	18.4	0.0	0.0	650	19-Jul
PX05	86	201	26.40	42.0	22.3	0.0	0.00	164.2	16.2	0.0	0.0	650	20-Jul
PX05	86	202	13.41	28.7	20.6	15.2	0.00	146.9	20.6	0.0	0.0	650	21-Jul
PX05	86	203	28.20	34.3	21.1	0.0	0.00	121.0	20.2	0.0	0.0	650	22-Jul
PX05	86	204	19.40	35.0	22.9	0.0	0.00	172.8	17.8	0.0	0.0	650	23-Jul
PX05	86	205	28.70	36.4	25.4	0.0	0.00	241.9	18.2	0.0	0.0	650	24-Jul
PX05	86	206	26.50	36.8	23.8	0.0	0.00	250.6	14.9	0.0	0.0	650	25-Jul
PX05	86	207	29.70	38.0	21.9	0.0	0.00	112.3	11.6	0.0	0.0	650	26-Jul
PX05	86	208	29.40	39.3	20.3	0.0	0.00	103.7	8.9	0.0	0.0	650	27-Jul
PX05	86	209	25.00	39.6	21.0	0.0	0.00	69.1	11.4	0.0	0.0	650	28-Jul
PX05	86	210	28.30	39.3	23.9	0.0	0.00	198.7	14.9	0.0	0.0	650	29-Jul
PX05	86	211	29.10	39.3	22.0	0.0	0.00	146.9	13.0	0.0	0.0	650	30-Jul
PX05	86	212	28.80	41.3	22.5	0.0	0.00	146.9	12.9	0.0	0.0	650	31-Jul
PX05	86	213	27.70	40.8	24.9	0.0	0.00	164.2	15.1	0.0	0.0	650	01-Aug
PX05	86	214	25.40	41.4	28.6	0.0	0.00	181.4	19.3	0.0	0.0	650	02-Aug
PX05	86	215	20.50	42.9	26.7	0.0	0.00	103.7	17.5	0.0	0.0	650	03-Aug
PX05	86	216	27.70	43.9	27.4	0.0	0.00	138.2	15.7	0.0	0.0	650	04-Aug
PX05	86	217	26.20	40.1	28.0	0.0	0.00	129.6	17.2	0.0	0.0	650	05-Aug
PX05	86	218	22.70	37.1	27.4	0.0	0.00	164.2	18.8	0.0	0.0	650	06-Aug
PX05	86	219	27.30	38.7	27.4	2.8	0.00	198.7	18.8	0.0	0.0	650	07-Aug
PX05	86	220	20.24	37.4	26.3	0.0	0.00	172.8	18.4	0.0	0.0	650	08-Aug
PX05	86	221	27.10	40.2	27.1	1.1	0.00	155.5	17.9	0.0	0.0	650	09-Aug
PX05	86	222	25.00	39.5	26.3	0.0	0.00	155.5	18.9	0.0	0.0	650	10-Aug
PX05	86	223	21.90	41.5	27.5	0.0	0.00	172.8	19.9	0.0	0.0	650	11-Aug
PX05	86	224	24.20	38.0	27.7	0.0	0.00	129.6	20.0	0.0	0.0	650	12-Aug
PX05	86	225	26.60	39.9	26.4	0.0	0.00	112.3	20.4	0.0	0.0	650	13-Aug
PX05	86	226	26.50	39.9	27.2	0.0	0.00	138.2	19.7	0.0	0.0	650	14-Aug
PX05	86	227	27.10	39.9	27.9	0.0	0.00	150.0	17.4	0.0	0.0	650	15-Aug
PX05	86	228	26.60	40.4	27.7	0.0	0.00	146.9	18.1	0.0	0.0	650	16-Aug
PX05	86	229	19.70	39.0	28.3	0.0	0.00	198.7	18.5	0.0	0.0	650	17-Aug
PX05	86	230	14.70	39.3	26.9	0.0	0.00	95.0	19.0	0.0	0.0	650	18-Aug
PX05	86	231	25.30	44.0	27.0	0.0	0.00	95.0	18.2	0.0	0.0	650	19-Aug
PX05	86	232	25.00	42.3	28.2	0.0	0.00	112.3	19.0	0.0	0.0	650	20-Aug
PX05	86	233	21.70	41.8	27.5	0.0	0.00	205.0	18.1	0.0	0.0	650	21-Aug
PX05	86	234	26.90	41.3	26.9	0.0	0.00	131.0	17.1	0.0	0.0	650	22-Aug
PX05	86	235	18.70	40.8	26.3	0.0	0.00	241.9	16.0	0.0	0.0	650	23-Aug
PX05	86	236	17.80	35.1	24.6	0.0	0.00	121.0	19.9	0.0	0.0	650	24-Aug

INSTW	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
	JUL		XTMAX		XRAIN		WIND		STMAX	CO2			
PX05	86	237	20.90	39.0	22.0	0.5	0.00	200.0	19.5	0.0	0.0	650	25-Aug
PX05	86	238	21.40	35.8	22.9	5.3	0.00	200.0	20.6	0.0	0.0	650	26-Aug
PX05	86	239	19.12	36.5	24.0	23.1	0.00	137.0	20.4	0.0	0.0	650	27-Aug
PX05	86	240	24.20	35.7	24.1	0.8	0.00	178.0	20.7	0.0	0.0	650	28-Aug
PX05	86	241	20.50	35.7	22.7	2.0	0.00	205.0	20.7	0.0	0.0	650	29-Aug
PX05	86	242	24.20	36.5	25.9	0.0	0.00	164.0	20.3	0.0	0.0	650	30-Aug
PX05	86	243	22.80	36.4	24.7	0.0	0.00	164.0	20.6	0.0	0.0	650	31-Aug
PX05	86	244	24.00	37.3	23.1	0.0	0.00	145.0	18.3	0.0	0.0	650	01-Sep
PX05	86	245	24.80	37.8	22.2	0.0	0.00	112.0	16.0	0.0	0.0	650	02-Sep
PX05	86	246	23.70	38.6	22.4	0.0	0.00	112.0	14.7	0.0	0.0	650	03-Sep
PX05	86	247	25.70	39.4	22.6	0.0	0.00	100.0	14.8	0.0	0.0	650	04-Sep
PX05	86	248	25.70	39.4	22.6	0.0	0.00	127.0	14.9	0.0	0.0	650	05-Sep
PX05	86	249	24.20	40.2	22.8	0.0	0.00	130.0	11.2	0.0	0.0	650	06-Sep
PX05	86	250	23.90	42.1	26.3	0.0	0.00	331.4	11.8	0.0	0.0	650	07-Sep
PX05	86	251	14.83	38.2	25.2	0.0	0.00	207.0	15.3	0.0	0.0	650	08-Sep
PX05	86	252	20.87	36.1	23.6	0.0	0.00	271.5	14.9	0.0	0.0	650	09-Sep
PX05	86	253	21.10	34.0	19.4	0.0	0.00	260.9	14.4	0.0	0.0	650	10-Sep
PX05	86	254	22.50	35.8	15.0	0.0	0.00	125.0	7.5	0.0	0.0	650	11-Sep
PX05	86	255	17.90	36.6	18.7	0.0	0.00	145.0	11.1	0.0	0.0	650	12-Sep
PX05	86	256	17.80	35.6	20.2	0.0	0.00	157.0	10.3	0.0	0.0	650	13-Sep
PX05	86	257	22.40	36.9	17.3	0.0	0.00	185.0	10.0	0.0	0.0	650	14-Sep
PX05	86	258	20.72	36.7	19.9	0.0	0.00	147.0	11.6	0.0	0.0	650	15-Sep
PX05	86	259	21.20	35.2	15.8	0.0	0.00	136.0	10.9	0.0	0.0	650	16-Sep
PX05	86	260	21.30	35.6	18.6	0.0	0.00	126.0	6.5	0.0	0.0	650	17-Sep
PX05	86	261	20.10	34.4	17.2	0.0	0.00	120.0	8.1	0.0	0.0	650	18-Sep
PX05	86	262	20.80	35.5	17.9	0.0	0.00	112.3	7.3	0.0	0.0	650	19-Sep
PX05	86	263	18.50	35.5	19.1	0.0	0.00	112.3	9.2	0.0	0.0	650	20-Sep
PX05	86	264	7.50	29.2	16.8	0.0	0.00	69.1	9.4	0.0	0.0	650	21-Sep
PX05	86	265	6.60	28.2	20.2	0.0	0.00	112.3	11.9	0.0	0.0	650	22-Sep
PX05	86	266	5.44	25.9	16.0	9.7	0.00	77.8	15.3	0.0	0.0	650	23-Sep
PX05	86	267	18.80	25.7	11.3	0.0	0.00	60.5	9.9	0.0	0.0	650	24-Sep
PX05	86	268	18.60	27.7	13.8	0.5	0.00	65.0	10.5	0.0	0.0	650	25-Sep
PX05	86	269	18.20	29.6	16.1	0.0	0.00	69.1	11.1	0.0	0.0	650	26-Sep
PX05	86	270	21.60	31.7	12.9	0.0	0.00	86.4	10.4	0.0	0.0	650	27-Sep
PX05	86	271	21.30	32.0	14.3	0.0	0.00	95.0	8.9	0.0	0.0	650	28-Sep
PX05	86	272	19.90	29.8	13.5	0.0	0.00	51.8	8.2	0.0	0.0	650	29-Sep
PX05	86	273	20.60	31.2	13.2	0.0	0.00	69.1	8.1	0.0	0.0	650	30-Sep
PX05	86	274	21.20	33.6	13.9	0.0	0.00	250.6	6.1	0.0	0.0	650	01-Oct
PX05	86	275	19.00	29.1	16.9	0.0	0.00	181.4	8.2	0.0	0.0	650	02-Oct
PX05	86	276	17.86	28.3	15.5	0.0	0.00	112.3	8.1	0.0	0.0	650	03-Oct



FILENAME: PX110308.W86

WEATHER DATA FOR CO2=650, IRR=DRY, NIT=-, REP=#2

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC      ↓      CO2YR WINDYR  
 PX11 33.40 112.00 2.30 0 1 1 0 1 650 0.0

INSTW	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
		JUL		XTMAX		XRAIN	WIND	STMAX	CO2				
PX11	86	87	21.53	38.6	20.3	0.0	0.00	202.2	-0.5	0.0	0.0	350	28-Mar
PX11	86	88	24.11	36.8	18.6	0.0	0.00	127.9	-1.4	0.0	0.0	350	29-Mar
PX11	86	89	23.48	37.4	15.6	0.0	0.00	82.8	1.5	0.0	0.0	350	30-Mar
PX11	86	90	10.93	33.5	18.5	0.0	0.00	121.0	0.6	0.0	0.0	350	31-Mar
PX11	86	91	17.70	31.8	19.6	0.0	0.00	162.0	-2.2	0.0	0.0	350	01-Apr
PX11	86	92	25.03	27.1	14.0	0.0	0.00	358.9	-1.7	0.0	0.0	350	02-Apr
PX11	86	93	26.40	28.8	8.3	0.0	0.00	111.3	0.9	0.0	0.0	350	03-Apr
PX11	86	94	26.54	31.8	10.3	0.0	0.00	141.9	1.1	0.0	0.0	350	04-Apr
PX11	86	95	26.78	35.6	10.5	0.0	0.00	204.3	-0.0	0.0	0.0	350	05-Apr
PX11	86	96	19.96	33.3	12.9	0.0	0.00	202.2	1.5	0.0	0.0	350	06-Apr
PX11	86	97	16.10	30.1	16.6	0.0	0.00	95.6	0.2	0.0	0.0	350	07-Apr
PX11	86	98	26.95	32.9	12.2	0.0	0.00	103.5	-0.9	0.0	0.0	350	08-Apr
PX11	86	99	27.50	34.0	11.1	0.0	0.00	86.0	-2.2	0.0	0.0	350	09-Apr
PX11	86	100	17.10	32.0	13.9	0.0	0.00	108.0	-2.2	0.0	0.0	350	10-Apr
PX11	86	101	24.30	33.7	13.5	0.0	0.00	121.0	-1.7	0.0	0.0	350	11-Apr
PX11	86	102	20.70	34.3	19.0	0.0	0.00	173.0	-1.4	0.0	0.0	350	12-Apr
PX11	86	103	27.40	30.4	14.0	0.0	0.00	233.0	-1.9	0.0	0.0	350	13-Apr
PX11	86	104	26.70	34.8	10.7	0.0	0.00	122.0	-1.7	0.0	0.0	350	14-Apr
PX11	86	105	25.50	36.6	16.6	0.0	0.00	145.0	-0.9	0.0	0.0	350	15-Apr
PX11	86	106	24.20	33.4	19.1	0.0	0.00	293.5	-1.2	0.0	0.0	350	16-Apr
PX11	86	107	28.50	27.2	14.8	0.0	0.00	271.5	-2.5	0.0	0.0	350	17-Apr
PX11	86	108	28.70	29.8	9.3	0.0	0.00	165.0	-2.2	0.0	0.0	350	18-Apr
PX11	86	109	28.80	32.7	9.6	0.0	0.00	97.0	-2.2	0.0	0.0	350	19-Apr
PX11	86	110	29.00	35.6	13.2	0.0	0.00	100.0	-1.2	0.0	0.0	350	20-Apr
PX11	86	111	28.70	38.6	15.9	0.0	0.00	120.0	-0.5	0.0	0.0	350	21-Apr
PX11	86	112	26.30	38.2	16.7	0.0	0.00	175.0	-0.5	0.0	0.0	350	22-Apr
PX11	86	113	23.90	35.8	19.5	0.0	0.00	184.0	-0.7	0.0	0.0	350	23-Apr
PX11	86	114	24.80	34.9	18.5	0.0	0.00	287.0	-0.7	0.0	0.0	350	24-Apr
PX11	86	115	26.30	34.9	19.0	0.0	0.00	305.0	-0.9	0.0	0.0	650	25-Apr
PX11	86	116	28.80	32.8	19.1	0.0	0.00	271.8	-1.4	0.0	0.0	650	26-Apr
PX11	86	117	29.90	33.7	12.8	0.0	0.00	112.0	-1.7	0.0	0.0	650	27-Apr
PX11	86	118	28.10	36.5	14.8	0.0	0.00	120.0	-0.9	0.0	0.0	650	28-Apr
PX11	86	119	27.30	36.6	16.0	0.0	0.00	123.0	-0.9	0.0	0.0	650	29-Apr
PX11	86	120	26.40	37.0	16.6	0.0	0.00	125.0	-0.7	0.0	0.0	650	30-Apr
PX11	86	121	25.40	38.9	19.0	0.0	0.00	190.1	-0.5	0.0	0.0	650	01-May
PX11	86	122	28.20	41.5	17.7	0.0	0.00	138.2	0.4	0.0	0.0	650	02-May
PX11	86	123	28.80	39.2	18.6	0.0	0.00	120.0	0.2	0.0	0.0	650	03-May
PX11	86	124	30.14	32.2	17.4	0.0	0.00	190.1	-1.2	0.0	0.0	650	04-May
PX11	86	125	29.90	32.9	13.3	0.0	0.00	121.0	-1.2	0.0	0.0	650	05-May
PX11	86	126	27.80	31.2	15.7	0.0	0.00	233.3	1.1	0.0	0.0	650	06-May
PX11	86	127	28.90	24.5	12.8	0.0	0.00	293.8	-1.7	0.0	0.0	650	07-May
PX11	86	128	30.20	29.2	10.0	0.0	0.00	146.9	-2.5	0.0	0.0	650	08-May
PX11	86	129	31.80	32.2	11.2	0.0	0.00	164.2	-3.8	0.0	0.0	650	09-May
PX11	86	130	30.30	36.1	13.3	0.0	0.00	146.9	-4.1	0.0	0.0	650	10-May
PX11	86	131	30.70	36.9	15.2	0.0	0.00	155.5	-3.8	0.0	0.0	650	11-May
PX11	86	132	30.70	36.3	14.3	0.0	0.00	86.4	-4.7	0.0	0.0	650	12-May

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		AOO	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX11	86	133	30.40	38.1	15.4	0.0	0.00	120.9	-3.0	0.0	0.0	650	13-May
PX11	86	134	29.10	36.3	16.1	0.0	0.00	138.2	-1.7	0.0	0.0	650	14-May
PX11	86	135	25.50	37.9	17.2	0.0	0.00	207.4	-1.7	0.0	0.0	650	15-May
PX11	86	136	31.20	36.4	17.4	0.0	0.00	207.4	-2.2	0.0	0.0	650	16-May
PX11	86	137	30.70	34.3	17.5	0.0	0.00	146.9	-2.7	0.0	0.0	650	17-May
PX11	86	138	30.90	38.5	17.4	0.0	0.00	112.3	-1.2	0.0	0.0	650	18-May
PX11	86	139	30.60	42.9	19.4	0.0	0.00	129.6	-0.5	0.0	0.0	650	19-May
PX11	86	140	29.60	43.3	20.4	0.0	0.00	198.7	0.6	0.0	0.0	650	20-May
PX11	86	141	22.63	38.6	21.0	0.0	0.00	190.1	0.9	0.0	0.0	650	21-May
PX11	86	142	29.10	38.0	18.8	0.0	0.00	103.7	1.5	0.0	0.0	650	22-May
PX11	86	143	27.90	38.0	21.2	0.0	0.00	146.9	3.2	0.0	0.0	650	23-May
PX11	86	144	23.10	37.9	21.0	0.0	0.00	95.0	1.3	0.0	0.0	650	24-May
PX11	86	145	29.90	41.2	19.3	0.0	0.00	129.6	2.5	0.0	0.0	650	25-May
PX11	86	146	29.40	41.3	20.7	0.0	0.00	181.4	2.9	0.0	0.0	650	26-May
PX11	86	147	29.80	41.4	20.7	0.0	0.00	129.6	3.9	0.0	0.0	650	27-May
PX11	86	148	28.57	42.2	21.4	0.0	0.00	146.9	6.7	0.0	0.0	650	28-May
PX11	86	149	26.90	40.1	23.8	0.0	0.00	164.2	9.2	0.0	0.0	650	29-May
PX11	86	150	20.00	36.4	24.8	0.0	0.00	172.8	11.5	0.0	0.0	650	30-May
PX11	86	151	25.50	38.6	21.7	0.0	0.00	172.8	13.8	0.0	0.0	650	31-May
PX11	86	152	26.30	40.7	21.9	0.5	0.00	164.2	11.1	0.0	0.0	650	01-Jun
PX11	86	153	25.14	40.3	22.4	0.0	0.00	181.4	12.7	0.0	0.0	650	02-Jun
PX11	86	154	28.73	41.3	23.1	0.0	0.00	164.2	13.1	0.0	0.0	650	03-Jun
PX11	86	155	29.30	40.6	25.3	0.0	0.00	164.2	13.5	0.0	0.0	650	04-Jun
PX11	86	156	29.40	40.5	24.4	0.0	0.00	164.2	11.9	0.0	0.0	650	05-Jun
PX11	86	157	30.60	40.5	19.6	0.0	0.00	103.7	7.7	0.0	0.0	650	06-Jun
PX11	86	158	31.10	41.2	20.7	0.0	0.00	129.6	6.2	0.0	0.0	650	07-Jun
PX11	86	159	31.30	39.4	21.5	0.0	0.00	164.2	3.6	0.0	0.0	650	08-Jun
PX11	86	160	28.70	40.0	20.7	0.0	0.00	181.4	4.3	0.0	0.0	650	09-Jun
PX11	86	161	31.00	41.2	19.3	0.0	0.00	112.3	2.3	0.0	0.0	650	10-Jun
PX11	86	162	30.80	39.9	19.3	0.0	0.00	95.0	6.4	0.0	0.0	650	11-Jun
PX11	86	163	31.00	40.7	20.2	0.0	0.00	120.9	6.8	0.0	0.0	650	12-Jun
PX11	86	164	31.10	41.5	21.1	0.0	0.00	132.0	7.4	0.0	0.0	650	13-Jun
PX11	86	165	31.30	42.4	21.9	0.0	0.00	114.0	8.2	0.0	0.0	650	14-Jun
PX11	86	166	30.14	43.0	24.8	0.0	0.00	129.6	5.6	0.0	0.0	650	15-Jun
PX11	86	167	29.50	42.4	24.6	0.0	0.00	155.5	7.7	0.0	0.0	650	16-Jun
PX11	86	168	29.70	43.8	27.8	0.0	0.00	155.5	10.9	0.0	0.0	650	17-Jun
PX11	86	169	30.60	39.6	22.9	0.0	0.00	172.8	7.7	0.0	0.0	650	18-Jun
PX11	86	170	30.90	40.1	22.1	0.0	0.00	120.0	5.6	0.0	0.0	650	19-Jun
PX11	86	171	31.30	41.5	21.4	0.0	0.00	155.5	5.0	0.0	0.0	650	20-Jun
PX11	86	172	27.70	42.2	21.3	0.0	0.00	121.0	4.8	0.0	0.0	650	21-Jun
PX11	86	173	24.10	39.6	21.5	0.0	0.00	172.8	3.9	0.0	0.0	650	22-Jun
PX11	86	174	29.60	42.4	24.3	0.0	0.00	216.0	6.8	0.0	0.0	650	23-Jun
PX11	86	175	28.90	41.7	27.2	0.0	0.00	337.0	12.3	0.0	0.0	650	24-Jun
PX11	86	176	29.40	38.1	25.5	0.0	0.00	267.8	17.2	0.0	0.0	650	25-Jun
PX11	86	177	29.30	40.0	24.5	0.0	0.00	95.0	17.7	0.0	0.0	650	26-Jun
PX11	86	178	29.70	40.4	26.1	0.0	0.00	138.2	16.9	0.0	0.0	650	27-Jun
PX11	86	179	20.70	39.6	28.8	0.0	0.00	138.2	14.3	0.0	0.0	650	28-Jun
PX11	86	180	13.60	34.8	27.2	0.0	0.00	259.2	15.0	0.0	0.0	650	29-Jun
PX11	86	181	28.30	38.8	24.3	0.0	0.00	138.2	20.4	0.0	0.0	650	30-Jun
PX11	86	182	29.20	39.8	23.8	10.9	0.00	198.7	21.2	0.0	0.0	650	01-Jul
PX11	86	183	28.30	36.2	24.5	14.0	0.00	121.0	23.5	0.0	0.0	650	02-Jul
PX11	86	184	22.90	36.2	24.6	0.0	0.00	130.0	23.6	0.0	0.0	650	03-Jul

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX	CO2			
PX11	86	185	22.60	34.2	23.5	1.3	0.00	190.1	22.3	0.0	0.0	650	04-Jul
PX11	86	186	30.90	36.4	22.7	0.0	0.00	181.4	19.2	0.0	0.0	650	05-Jul
PX11	86	187	30.70	37.6	21.2	0.0	0.00	181.4	18.4	0.0	0.0	650	06-Jul
PX11	86	188	18.40	36.7	26.5	0.0	0.00	181.4	16.1	0.0	0.0	650	07-Jul
PX11	86	189	29.80	39.4	24.8	0.0	0.00	155.5	15.5	0.0	0.0	650	08-Jul
PX11	86	190	29.80	36.9	24.8	0.0	0.00	172.8	16.1	0.0	0.0	650	09-Jul
PX11	86	191	29.30	37.4	27.2	0.0	0.00	155.5	17.8	0.0	0.0	650	10-Jul
PX11	86	192	29.60	37.8	26.9	0.0	0.00	146.9	16.8	0.0	0.0	650	11-Jul
PX11	86	193	30.40	38.8	25.6	0.0	0.00	164.2	12.0	0.0	0.0	650	12-Jul
PX11	86	194	26.70	38.0	25.5	0.0	0.00	198.7	15.5	0.0	0.0	650	13-Jul
PX11	86	195	22.12	36.3	27.8	0.0	0.00	207.4	18.0	0.0	0.0	650	14-Jul
PX11	86	196	25.80	36.8	25.9	0.0	0.00	198.7	18.9	0.0	0.0	650	15-Jul
PX11	86	197	23.30	35.4	25.1	0.0	0.00	302.4	19.1	0.0	0.0	650	16-Jul
PX11	86	198	30.70	35.8	23.1	0.0	0.00	181.4	18.9	0.0	0.0	650	17-Jul
PX11	86	199	22.40	36.3	26.2	0.0	0.00	138.2	19.0	0.0	0.0	650	18-Jul
PX11	86	200	28.00	40.1	25.9	0.0	0.00	181.4	18.4	0.0	0.0	650	19-Jul
PX11	86	201	26.40	41.6	22.4	0.0	0.00	164.2	16.4	0.0	0.0	650	20-Jul
PX11	86	202	13.41	28.3	20.6	15.2	0.00	146.9	20.4	0.0	0.0	650	21-Jul
PX11	86	203	28.20	34.1	21.1	0.0	0.00	121.0	20.4	0.0	0.0	650	22-Jul
PX11	86	204	19.40	36.2	22.4	0.0	0.00	172.8	18.3	0.0	0.0	650	23-Jul
PX11	86	205	28.70	37.1	23.6	0.0	0.00	241.9	18.5	0.0	0.0	650	24-Jul
PX11	86	206	26.50	38.0	21.6	0.0	0.00	250.6	15.8	0.0	0.0	650	25-Jul
PX11	86	207	29.70	38.8	19.6	0.0	0.00	112.3	13.4	0.0	0.0	650	26-Jul
PX11	86	208	29.40	40.1	20.4	0.0	0.00	103.7	9.7	0.0	0.0	650	27-Jul
PX11	86	209	25.00	40.4	21.1	0.0	0.00	69.1	11.8	0.0	0.0	650	28-Jul
PX11	86	210	28.30	39.8	23.9	0.0	0.00	198.7	14.7	0.0	0.0	650	29-Jul
PX11	86	211	29.10	39.7	21.9	0.0	0.00	146.9	12.9	0.0	0.0	650	30-Jul
PX11	86	212	28.80	41.4	22.4	0.0	0.00	146.9	12.4	0.0	0.0	650	31-Jul
PX11	86	213	27.70	40.6	24.4	0.0	0.00	164.2	14.5	0.0	0.0	650	01-Aug
PX11	86	214	25.40	40.8	28.2	0.0	0.00	181.4	18.4	0.0	0.0	650	02-Aug
PX11	86	215	20.50	42.0	26.3	0.0	0.00	103.7	16.8	0.0	0.0	650	03-Aug
PX11	86	216	27.70	45.2	26.9	0.0	0.00	138.2	16.9	0.0	0.0	650	04-Aug
PX11	86	217	26.20	42.4	28.0	0.0	0.00	129.6	19.3	0.0	0.0	650	05-Aug
PX11	86	218	22.70	38.3	27.5	0.0	0.00	164.2	20.5	0.0	0.0	650	06-Aug
PX11	86	219	27.30	40.2	27.6	2.8	0.00	198.7	20.4	0.0	0.0	650	07-Aug
PX11	86	220	20.24	37.5	26.2	0.0	0.00	172.8	20.1	0.0	0.0	650	08-Aug
PX11	86	221	27.10	40.3	26.5	1.1	0.00	155.5	20.4	0.0	0.0	650	09-Aug
PX11	86	222	25.00	39.4	26.0	0.0	0.00	155.5	21.4	0.0	0.0	650	10-Aug
PX11	86	223	21.90	41.4	27.2	0.0	0.00	172.8	21.2	0.0	0.0	650	11-Aug
PX11	86	224	24.20	39.3	27.6	0.0	0.00	129.6	19.8	0.0	0.0	650	12-Aug
PX11	86	225	26.60	40.5	26.6	0.0	0.00	112.3	20.0	0.0	0.0	650	13-Aug
PX11	86	226	26.50	40.8	27.4	0.0	0.00	138.2	19.2	0.0	0.0	650	14-Aug
PX11	86	227	27.10	40.5	27.4	0.0	0.00	150.0	17.3	0.0	0.0	650	15-Aug
PX11	86	228	26.60	40.7	27.1	0.0	0.00	146.9	17.7	0.0	0.0	650	16-Aug
PX11	86	229	19.70	39.3	28.6	0.0	0.00	198.7	18.3	0.0	0.0	650	17-Aug
PX11	86	230	14.70	39.8	26.9	0.0	0.00	95.0	18.6	0.0	0.0	650	18-Aug
PX11	86	231	25.30	44.6	26.7	0.0	0.00	95.0	17.9	0.0	0.0	650	19-Aug
PX11	86	232	25.00	42.4	27.9	0.0	0.00	112.3	18.4	0.0	0.0	650	20-Aug
PX11	86	233	21.70	41.9	27.2	0.0	0.00	205.0	17.5	0.0	0.0	650	21-Aug
PX11	86	234	26.90	41.4	26.4	0.0	0.00	131.0	16.5	0.0	0.0	650	22-Aug
PX11	86	235	18.70	41.0	25.7	0.0	0.00	241.9	15.5	0.0	0.0	650	23-Aug
PX11	86	236	17.80	35.6	24.6	0.0	0.00	121.0	19.6	0.0	0.0	650	24-Aug

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL	XTMAX		XRAIN	WIND	STMAX	CO2						
PX11	86	237	20.90	38.7	22.9	0.5	0.00	200.0	21.4	0.0	0.0	650	25-Aug
PX11	86	238	21.40	36.3	23.3	5.3	0.00	200.0	20.8	0.0	0.0	650	26-Aug
PX11	86	239	19.12	35.7	23.5	23.1	0.00	137.0	21.5	0.0	0.0	650	27-Aug
PX11	86	240	24.20	35.9	23.2	0.8	0.00	178.0	20.8	0.0	0.0	650	28-Aug
PX11	86	241	20.50	35.4	20.1	2.0	0.00	205.0	20.9	0.0	0.0	650	29-Aug
PX11	86	242	24.20	35.2	22.5	0.0	0.00	164.0	19.9	0.0	0.0	650	30-Aug
PX11	86	243	22.80	36.9	25.7	0.0	0.00	164.0	20.2	0.0	0.0	650	31-Aug
PX11	86	244	24.00	36.2	24.3	0.0	0.00	145.0	17.6	0.0	0.0	650	01-Sep
PX11	86	245	24.80	37.5	23.0	0.0	0.00	112.0	15.6	0.0	0.0	650	02-Sep
PX11	86	246	23.70	38.3	22.0	0.0	0.00	112.0	13.7	0.0	0.0	650	03-Sep
PX11	86	247	25.70	39.1	22.3	0.0	0.00	100.0	12.9	0.0	0.0	650	04-Sep
PX11	86	248	25.70	39.9	22.7	0.0	0.00	127.0	12.1	0.0	0.0	650	05-Sep
PX11	86	249	24.20	40.7	23.0	0.0	0.00	130.0	11.3	0.0	0.0	650	06-Sep
PX11	86	250	23.90	41.3	26.1	0.0	0.00	331.4	11.1	0.0	0.0	650	07-Sep
PX11	86	251	14.83	37.8	25.2	0.0	0.00	207.0	14.4	0.0	0.0	650	08-Sep
PX11	86	252	20.87	36.1	22.7	0.0	0.00	271.5	13.1	0.0	0.0	650	09-Sep
PX11	86	253	21.10	34.5	19.6	0.0	0.00	260.9	12.0	0.0	0.0	650	10-Sep
PX11	86	254	22.50	36.0	15.2	0.0	0.00	125.0	6.5	0.0	0.0	650	11-Sep
PX11	86	255	17.90	36.7	19.0	0.0	0.00	145.0	9.8	0.0	0.0	650	12-Sep
PX11	86	256	17.80	35.9	20.3	0.0	0.00	157.0	8.6	0.0	0.0	650	13-Sep
PX11	86	257	22.40	37.1	17.5	0.0	0.00	185.0	7.7	0.0	0.0	650	14-Sep
PX11	86	258	20.72	37.1	20.0	0.0	0.00	147.0	9.2	0.0	0.0	650	15-Sep
PX11	86	259	21.20	35.9	16.3	0.0	0.00	136.0	8.1	0.0	0.0	650	16-Sep
PX11	86	260	21.30	34.8	17.3	0.0	0.00	126.0	6.2	0.0	0.0	650	17-Sep
PX11	86	261	20.10	36.0	18.0	0.0	0.00	120.0	5.0	0.0	0.0	650	18-Sep
PX11	86	262	20.80	35.9	18.2	0.0	0.00	112.3	6.1	0.0	0.0	650	19-Sep
PX11	86	263	18.50	35.3	19.3	0.0	0.00	112.3	8.4	0.0	0.0	650	20-Sep
PX11	86	264	7.50	29.2	16.9	0.0	0.00	69.1	8.9	0.0	0.0	650	21-Sep
PX11	86	265	6.60	28.2	20.2	0.0	0.00	112.3	11.9	0.0	0.0	650	22-Sep
PX11	86	266	5.44	25.9	15.9	9.7	0.00	77.8	15.0	0.0	0.0	650	23-Sep
PX11	86	267	18.80	24.2	11.8	0.0	0.00	60.5	9.3	0.0	0.0	650	24-Sep
PX11	86	268	18.60	26.7	13.1	0.5	0.00	65.0	12.1	0.0	0.0	650	25-Sep
PX11	86	269	18.20	30.3	15.0	0.0	0.00	69.1	11.3	0.0	0.0	650	26-Sep
PX11	86	270	21.60	31.6	11.8	0.0	0.00	86.4	9.8	0.0	0.0	650	27-Sep
PX11	86	271	21.30	31.8	14.4	0.0	0.00	95.0	8.1	0.0	0.0	650	28-Sep
PX11	86	272	19.90	30.0	13.7	0.0	0.00	51.8	7.1	0.0	0.0	650	29-Sep
PX11	86	273	20.60	31.3	13.3	0.0	0.00	69.1	7.1	0.0	0.0	650	30-Sep
PX11	86	274	21.20	33.6	14.0	0.0	0.00	250.6	5.1	0.0	0.0	650	01-Oct
PX11	86	275	19.00	28.9	16.7	0.0	0.00	181.4	7.1	0.0	0.0	650	02-Oct
PX11	86	276	17.86	27.7	15.8	0.0	0.00	112.3	7.4	0.0	0.0	650	03-Oct

FILENAME: PX060308.W86

WEATHER DATA FOR CO2=650, IRR=DRY, NIT=+, REP=#1

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC      ↓      CO2YR WINDYR  
 PX06 33.40 112.00 2.30 0 1 1 0 1 650 0.0

	IYR	SOLRAD	XTMIN	XPAR	DEWPT	STMIN	A00
<u>INSTW</u>	<u>JUL</u>	<u>XTMAX</u>	<u>XRAIN</u>	<u>WIND</u>	<u>STMAX</u>	<u>CO2</u>	
PX06	86	87	21.53	38.6	20.3	0.0	0.00 202.2 -0.5 0.0 0.0 350 28-Mar
PX06	86	88	24.11	36.8	18.6	0.0	0.00 127.9 -1.4 0.0 0.0 350 29-Mar
PX06	86	89	23.48	37.4	15.6	0.0	0.00 82.8 1.5 0.0 0.0 350 30-Mar
PX06	86	90	10.93	33.5	18.5	0.0	0.00 121.0 0.6 0.0 0.0 350 31-Mar
PX06	86	91	17.70	31.8	19.6	0.0	0.00 162.0 -2.2 0.0 0.0 350 01-Apr
PX06	86	92	25.03	27.1	14.0	0.0	0.00 358.9 -1.7 0.0 0.0 350 02-Apr
PX06	86	93	26.40	28.8	8.3	0.0	0.00 111.3 0.9 0.0 0.0 350 03-Apr
PX06	86	94	26.54	31.8	10.3	0.0	0.00 141.9 1.1 0.0 0.0 350 04-Apr
PX06	86	95	26.78	35.6	10.5	0.0	0.00 204.3 -0.0 0.0 0.0 350 05-Apr
PX06	86	96	19.96	33.3	12.9	0.0	0.00 202.2 1.5 0.0 0.0 350 06-Apr
PX06	86	97	16.10	30.1	16.6	0.0	0.00 95.6 0.2 0.0 0.0 350 07-Apr
PX06	86	98	26.95	32.9	12.2	0.0	0.00 103.5 -0.9 0.0 0.0 350 08-Apr
PX06	86	99	27.50	33.8	10.9	0.0	0.00 86.0 0.4 0.0 0.0 350 09-Apr
PX06	86	100	17.10	32.1	13.8	0.0	0.00 108.0 0.4 0.0 0.0 350 10-Apr
PX06	86	101	24.30	33.5	13.4	0.0	0.00 121.0 0.9 0.0 0.0 350 11-Apr
PX06	86	102	20.70	34.1	19.2	0.0	0.00 173.0 1.1 0.0 0.0 350 12-Apr
PX06	86	103	27.40	30.8	13.9	0.0	0.00 233.0 0.4 0.0 0.0 350 13-Apr
PX06	86	104	26.70	34.5	10.5	0.0	0.00 122.0 0.6 0.0 0.0 350 14-Apr
PX06	86	105	25.50	36.1	16.6	0.0	0.00 145.0 1.7 0.0 0.0 350 15-Apr
PX06	86	106	24.20	33.3	19.3	0.0	0.00 293.5 1.5 0.0 0.0 350 16-Apr
PX06	86	107	28.50	28.0	14.7	0.0	0.00 271.5 -0.2 0.0 0.0 350 17-Apr
PX06	86	108	28.70	30.2	9.0	0.0	0.00 165.0 0.2 0.0 0.0 350 18-Apr
PX06	86	109	28.80	32.7	9.3	0.0	0.00 97.0 0.4 0.0 0.0 350 19-Apr
PX06	86	110	29.00	35.2	13.0	0.0	0.00 100.0 1.3 0.0 0.0 350 20-Apr
PX06	86	111	28.70	37.8	15.9	0.0	0.00 120.0 2.3 0.0 0.0 350 21-Apr
PX06	86	112	26.30	37.4	16.7	0.0	0.00 175.0 2.1 0.0 0.0 350 22-Apr
PX06	86	113	23.90	35.4	19.6	0.0	0.00 184.0 2.1 0.0 0.0 350 23-Apr
PX06	86	114	24.80	34.6	18.7	0.0	0.00 287.0 3.0 0.0 0.0 350 24-Apr
PX06	86	115	26.30	34.6	19.2	0.0	0.00 305.0 1.7 0.0 0.0 650 25-Apr
PX06	86	116	28.80	32.8	19.3	0.0	0.00 271.8 1.3 0.0 0.0 650 26-Apr
PX06	86	117	29.90	33.5	12.6	0.0	0.00 112.0 0.9 0.0 0.0 650 27-Apr
PX06	86	118	28.10	36.0	14.7	0.0	0.00 120.0 1.7 0.0 0.0 650 28-Apr
PX06	86	119	27.30	36.1	16.0	0.0	0.00 123.0 1.9 0.0 0.0 650 29-Apr
PX06	86	120	26.40	36.4	16.6	0.0	0.00 125.0 1.9 0.0 0.0 650 30-Apr
PX06	86	121	25.40	38.1	19.2	0.0	0.00 190.1 2.5 0.0 0.0 650 01-May
PX06	86	122	28.20	40.2	17.8	0.0	0.00 138.2 3.2 0.0 0.0 650 02-May
PX06	86	123	28.80	38.3	18.8	0.0	0.00 120.0 3.0 0.0 0.0 650 03-May
PX06	86	124	30.10	32.3	17.5	0.0	0.00 190.1 1.5 0.0 0.0 650 04-May
PX06	86	125	29.90	34.1	12.3	0.0	0.00 121.0 1.9 0.0 0.0 650 05-May
PX06	86	126	27.80	31.4	16.1	0.0	0.00 233.3 1.7 0.0 0.0 650 06-May
PX06	86	127	28.90	25.1	13.4	0.0	0.00 293.8 -0.9 0.0 0.0 650 07-May
PX06	86	128	30.20	29.8	9.6	0.0	0.00 146.9 -1.4 0.0 0.0 650 08-May
PX06	86	129	31.80	32.6	11.2	0.0	0.00 164.2 -2.5 0.0 0.0 650 09-May
PX06	86	130	30.30	35.7	13.4	0.0	0.00 146.9 -2.5 0.0 0.0 650 10-May
PX06	86	131	30.70	36.5	15.5	0.0	0.00 155.5 -1.9 0.0 0.0 650 11-May
PX06	86	132	30.70	35.9	14.9	0.0	0.00 86.4 -2.7 0.0 0.0 650 12-May

INSTW	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
	JUL	XTMAX	XRAIN	WIND	STMAX	CO2							
PX06	86	133	30.40	37.4	15.6	0.0	0.00	120.9	-1.2	0.0	0.0	650	13-May
PX06	86	134	29.10	36.1	16.3	0.0	0.00	138.2	-0.0	0.0	0.0	650	14-May
PX06	86	135	25.50	36.9	17.2	0.0	0.00	207.4	-0.9	0.0	0.0	650	15-May
PX06	86	136	31.20	37.2	18.0	0.0	0.00	207.4	-1.2	0.0	0.0	650	16-May
PX06	86	137	30.70	33.9	18.1	0.0	0.00	146.9	-1.2	0.0	0.0	650	17-May
PX06	86	138	30.90	37.7	17.8	0.0	0.00	112.3	-0.0	0.0	0.0	650	18-May
PX06	86	139	30.60	42.0	19.9	0.0	0.00	129.6	0.9	0.0	0.0	650	19-May
PX06	86	140	29.60	42.9	20.9	0.0	0.00	198.7	2.1	0.0	0.0	650	20-May
PX06	86	141	22.63	37.5	21.7	0.0	0.00	190.1	2.1	0.0	0.0	650	21-May
PX06	86	142	29.10	36.9	18.9	0.0	0.00	103.7	2.7	0.0	0.0	650	22-May
PX06	86	143	27.90	37.1	21.6	0.0	0.00	146.9	4.5	0.0	0.0	650	23-May
PX06	86	144	23.10	37.3	21.4	0.0	0.00	95.0	2.3	0.0	0.0	650	24-May
PX06	86	145	29.90	40.7	19.6	0.0	0.00	129.6	3.2	0.0	0.0	650	25-May
PX06	86	146	29.40	41.1	21.0	0.0	0.00	181.4	3.2	0.0	0.0	650	26-May
PX06	86	147	29.80	41.3	21.1	0.0	0.00	129.6	3.9	0.0	0.0	650	27-May
PX06	86	148	28.57	41.9	22.0	0.0	0.00	146.9	6.2	0.0	0.0	650	28-May
PX06	86	149	26.90	40.3	24.2	0.0	0.00	164.2	6.4	0.0	0.0	650	29-May
PX06	86	150	20.00	36.6	24.7	0.0	0.00	172.8	11.2	0.0	0.0	650	30-May
PX06	86	151	25.50	38.4	21.7	0.0	0.00	172.8	13.6	0.0	0.0	650	31-May
PX06	86	152	26.30	40.8	22.3	0.5	0.00	164.2	10.7	0.0	0.0	650	01-Jun
PX06	86	153	25.14	40.0	22.6	0.0	0.00	181.4	12.5	0.0	0.0	650	02-Jun
PX06	86	154	28.73	41.1	23.2	0.0	0.00	164.2	12.8	0.0	0.0	650	03-Jun
PX06	86	155	29.30	40.2	25.5	0.0	0.00	164.2	13.2	0.0	0.0	650	04-Jun
PX06	86	156	29.40	40.5	24.7	0.0	0.00	164.2	11.4	0.0	0.0	650	05-Jun
PX06	86	157	30.60	40.4	19.9	0.0	0.00	103.7	7.0	0.0	0.0	650	06-Jun
PX06	86	158	31.10	41.2	20.9	0.0	0.00	129.6	5.1	0.0	0.0	650	07-Jun
PX06	86	159	31.30	39.4	21.7	0.0	0.00	164.2	2.5	0.0	0.0	650	08-Jun
PX06	86	160	28.70	40.4	21.0	0.0	0.00	181.4	6.1	0.0	0.0	650	09-Jun
PX06	86	161	31.00	41.2	19.4	0.0	0.00	112.3	2.9	0.0	0.0	650	10-Jun
PX06	86	162	30.80	39.7	19.5	0.0	0.00	95.0	6.4	0.0	0.0	650	11-Jun
PX06	86	163	31.00	40.5	20.3	0.0	0.00	120.9	5.3	0.0	0.0	650	12-Jun
PX06	86	164	31.10	41.3	21.1	0.0	0.00	132.0	5.1	0.0	0.0	650	13-Jun
PX06	86	165	31.30	42.1	21.9	0.0	0.00	114.0	8.5	0.0	0.0	650	14-Jun
PX06	86	166	30.14	42.9	24.8	0.0	0.00	129.6	11.0	0.0	0.0	650	15-Jun
PX06	86	167	29.50	42.5	24.7	0.0	0.00	155.5	8.2	0.0	0.0	650	16-Jun
PX06	86	168	29.70	43.5	28.5	0.0	0.00	155.5	11.2	0.0	0.0	650	17-Jun
PX06	86	169	30.60	39.7	23.5	0.0	0.00	172.8	8.1	0.0	0.0	650	18-Jun
PX06	86	170	30.90	40.1	22.7	0.0	0.00	120.0	5.9	0.0	0.0	650	19-Jun
PX06	86	171	31.30	41.4	21.5	0.0	0.00	155.5	5.4	0.0	0.0	650	20-Jun
PX06	86	172	27.70	41.9	21.8	0.0	0.00	121.0	5.3	0.0	0.0	650	21-Jun
PX06	86	173	24.10	39.5	21.8	0.0	0.00	172.8	5.0	0.0	0.0	650	22-Jun
PX06	86	174	29.60	42.6	24.8	0.0	0.00	216.0	7.4	0.0	0.0	650	23-Jun
PX06	86	175	28.90	41.5	27.1	0.0	0.00	337.0	12.5	0.0	0.0	650	24-Jun
PX06	86	176	29.40	37.9	26.3	0.0	0.00	267.8	16.2	0.0	0.0	650	25-Jun
PX06	86	177	29.30	39.8	25.6	0.0	0.00	95.0	15.0	0.0	0.0	650	26-Jun
PX06	86	178	29.70	40.3	27.5	0.0	0.00	138.2	14.1	0.0	0.0	650	27-Jun
PX06	86	179	20.70	39.2	29.1	0.0	0.00	138.2	14.7	0.0	0.0	650	28-Jun
PX06	86	180	13.60	34.7	26.5	0.0	0.00	259.2	15.4	0.0	0.0	650	29-Jun
PX06	86	181	28.30	38.2	23.4	0.0	0.00	138.2	18.1	0.0	0.0	650	30-Jun
PX06	86	182	29.20	39.1	23.7	10.9	0.00	198.7	19.2	0.0	0.0	650	01-Jul
PX06	86	183	28.30	36.1	24.6	14.0	0.00	121.0	21.8	0.0	0.0	650	02-Jul
PX06	86	184	22.90	36.0	24.8	0.0	0.00	130.0	22.5	0.0	0.0	650	03-Jul

	YR	SOLRAD	XTMIN		XPAR		DEWPT		STMIN		A00		
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX	CO2			
PX06	86	185	22.60	34.0	23.6	1.3	0.00	190.1	20.4	0.0	0.0	650	04-Jul
PX06	86	186	30.90	36.1	23.0	0.0	0.00	181.4	15.0	0.0	0.0	650	05-Jul
PX06	86	187	30.70	37.6	21.8	0.0	0.00	181.4	12.3	0.0	0.0	650	06-Jul
PX06	86	188	18.40	36.8	26.9	0.0	0.00	181.4	14.1	0.0	0.0	650	07-Jul
PX06	86	189	29.80	39.2	25.4	0.0	0.00	155.5	16.5	0.0	0.0	650	08-Jul
PX06	86	190	29.80	36.6	26.7	0.0	0.00	172.8	18.7	0.0	0.0	650	09-Jul
PX06	86	191	29.30	37.1	27.6	0.0	0.00	155.5	18.7	0.0	0.0	650	10-Jul
PX06	86	192	29.60	37.5	27.6	0.0	0.00	146.9	17.9	0.0	0.0	650	11-Jul
PX06	86	193	30.40	38.7	25.7	0.0	0.00	164.2	14.2	0.0	0.0	650	12-Jul
PX06	86	194	26.70	38.0	25.5	0.0	0.00	198.7	17.1	0.0	0.0	650	13-Jul
PX06	86	195	22.12	36.4	27.8	0.0	0.00	207.4	18.9	0.0	0.0	650	14-Jul
PX06	86	196	25.80	36.7	25.9	0.0	0.00	198.7	19.7	0.0	0.0	650	15-Jul
PX06	86	197	23.30	35.3	25.2	0.0	0.00	302.4	19.7	0.0	0.0	650	16-Jul
PX06	86	198	30.70	35.3	23.1	0.0	0.00	181.4	19.5	0.0	0.0	650	17-Jul
PX06	86	199	22.40	36.1	26.3	0.0	0.00	138.2	19.7	0.0	0.0	650	18-Jul
PX06	86	200	28.00	37.6	24.7	0.0	0.00	181.4	19.1	0.0	0.0	650	19-Jul
PX06	86	201	26.40	40.2	22.4	0.0	0.00	164.2	17.3	0.0	0.0	650	20-Jul
PX06	86	202	13.41	28.2	20.4	15.2	0.00	146.9	20.6	0.0	0.0	650	21-Jul
PX06	86	203	28.20	34.2	20.7	0.0	0.00	121.0	18.8	0.0	0.0	650	22-Jul
PX06	86	204	19.40	34.7	21.5	0.0	0.00	172.8	18.9	0.0	0.0	650	23-Jul
PX06	86	205	28.70	36.0	25.1	0.0	0.00	241.9	18.2	0.0	0.0	650	24-Jul
PX06	86	206	26.50	36.4	23.8	0.0	0.00	250.6	14.9	0.0	0.0	650	25-Jul
PX06	86	207	29.70	38.1	21.9	0.0	0.00	112.3	12.0	0.0	0.0	650	26-Jul
PX06	86	208	29.40	39.1	20.3	0.0	0.00	103.7	9.7	0.0	0.0	650	27-Jul
PX06	86	209	25.00	39.7	21.2	0.0	0.00	69.1	11.4	0.0	0.0	650	28-Jul
PX06	86	210	28.30	39.7	24.0	0.0	0.00	198.7	14.6	0.0	0.0	650	29-Jul
PX06	86	211	29.10	39.0	22.1	0.0	0.00	146.9	13.0	0.0	0.0	650	30-Jul
PX06	86	212	28.80	40.7	22.5	0.0	0.00	146.9	13.0	0.0	0.0	650	31-Jul
PX06	86	213	27.70	40.3	24.8	0.0	0.00	164.2	16.0	0.0	0.0	650	01-Aug
PX06	86	214	25.40	40.5	28.5	0.0	0.00	181.4	20.2	0.0	0.0	650	02-Aug
PX06	86	215	20.50	41.9	26.5	0.0	0.00	103.7	19.5	0.0	0.0	650	03-Aug
PX06	86	216	27.70	44.9	27.4	0.0	0.00	138.2	17.3	0.0	0.0	650	04-Aug
PX06	86	217	26.20	41.5	28.2	0.0	0.00	129.6	17.7	0.0	0.0	650	05-Aug
PX06	86	218	22.70	37.3	27.7	0.0	0.00	164.2	18.9	0.0	0.0	650	06-Aug
PX06	86	219	27.30	39.3	27.4	2.8	0.00	198.7	18.4	0.0	0.0	650	07-Aug
PX06	86	220	20.24	36.8	26.4	0.0	0.00	172.8	18.4	0.0	0.0	650	08-Aug
PX06	86	221	27.10	40.2	26.7	1.1	0.00	155.5	18.0	0.0	0.0	650	09-Aug
PX06	86	222	25.00	39.7	26.2	0.0	0.00	155.5	19.1	0.0	0.0	650	10-Aug
PX06	86	223	21.90	41.6	27.3	0.0	0.00	172.8	20.2	0.0	0.0	650	11-Aug
PX06	86	224	24.20	38.8	27.7	0.0	0.00	129.6	20.3	0.0	0.0	650	12-Aug
PX06	86	225	26.60	39.3	26.8	0.0	0.00	112.3	20.7	0.0	0.0	650	13-Aug
PX06	86	226	26.50	39.4	27.5	0.0	0.00	138.2	20.1	0.0	0.0	650	14-Aug
PX06	86	227	27.10	39.2	27.6	0.0	0.00	150.0	17.9	0.0	0.0	650	15-Aug
PX06	86	228	26.60	39.9	27.4	0.0	0.00	146.9	18.7	0.0	0.0	650	16-Aug
PX06	86	229	19.70	38.8	28.6	0.0	0.00	198.7	19.2	0.0	0.0	650	17-Aug
PX06	86	230	14.70	38.8	26.9	0.0	0.00	95.0	19.0	0.0	0.0	650	18-Aug
PX06	86	231	25.30	43.9	26.8	0.0	0.00	95.0	18.0	0.0	0.0	650	19-Aug
PX06	86	232	25.00	41.9	28.2	0.0	0.00	112.3	18.9	0.0	0.0	650	20-Aug
PX06	86	233	21.70	43.2	27.7	0.0	0.00	205.0	18.2	0.0	0.0	650	21-Aug
PX06	86	234	26.90	43.2	27.2	0.0	0.00	131.0	17.1	0.0	0.0	650	22-Aug
PX06	86	235	18.70	40.6	26.6	0.0	0.00	241.9	15.9	0.0	0.0	650	23-Aug
PX06	86	236	17.80	34.9	24.6	0.0	0.00	121.0	19.7	0.0	0.0	650	24-Aug

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL	XTMAX		XRAIN		WIND		STMAX	CO2				
PX06	86	237	20.90	38.5	22.9	0.5	0.00	200.0	20.0	0.0	0.0	650	25-Aug
PX06	86	238	21.40	35.4	23.2	5.3	0.00	200.0	21.4	0.0	0.0	650	26-Aug
PX06	86	239	19.12	35.3	23.5	23.1	0.00	137.0	22.2	0.0	0.0	650	27-Aug
PX06	86	240	24.20	35.2	23.9	0.8	0.00	178.0	22.2	0.0	0.0	650	28-Aug
PX06	86	241	20.50	35.0	23.8	2.0	0.00	205.0	21.8	0.0	0.0	650	29-Aug
PX06	86	242	24.20	35.1	22.6	0.0	0.00	164.0	21.5	0.0	0.0	650	30-Aug
PX06	86	243	22.80	36.5	25.7	0.0	0.00	164.0	21.2	0.0	0.0	650	31-Aug
PX06	86	244	24.00	36.0	24.4	0.0	0.00	145.0	17.7	0.0	0.0	650	01-Sep
PX06	86	245	24.80	37.5	23.1	0.0	0.00	112.0	15.8	0.0	0.0	650	02-Sep
PX06	86	246	23.70	38.2	22.2	0.0	0.00	112.0	15.9	0.0	0.0	650	03-Sep
PX06	86	247	25.70	39.0	22.4	0.0	0.00	100.0	15.1	0.0	0.0	650	04-Sep
PX06	86	248	25.70	39.8	22.6	0.0	0.00	127.0	12.5	0.0	0.0	650	05-Sep
PX06	86	249	24.20	40.5	22.8	0.0	0.00	130.0	12.0	0.0	0.0	650	06-Sep
PX06	86	250	23.90	41.6	25.7	0.0	0.00	331.4	14.5	0.0	0.0	650	07-Sep
PX06	86	251	14.83	36.9	23.6	0.0	0.00	207.0	18.5	0.0	0.0	650	08-Sep
PX06	86	252	20.87	35.6	22.2	0.0	0.00	271.5	15.1	0.0	0.0	650	09-Sep
PX06	86	253	21.10	32.9	16.8	0.0	0.00	260.9	12.5	0.0	0.0	650	10-Sep
PX06	86	254	22.50	35.8	13.2	0.0	0.00	125.0	8.8	0.0	0.0	650	11-Sep
PX06	86	255	17.90	36.9	18.7	0.0	0.00	145.0	10.1	0.0	0.0	650	12-Sep
PX06	86	256	17.80	36.2	20.1	0.0	0.00	157.0	8.9	0.0	0.0	650	13-Sep
PX06	86	257	22.40	36.5	17.3	0.0	0.00	185.0	7.7	0.0	0.0	650	14-Sep
PX06	86	258	20.72	36.6	19.9	0.0	0.00	147.0	9.2	0.0	0.0	650	15-Sep
PX06	86	259	21.20	35.4	16.2	0.0	0.00	136.0	8.0	0.0	0.0	650	16-Sep
PX06	86	260	21.30	35.2	17.9	0.0	0.00	126.0	7.8	0.0	0.0	650	17-Sep
PX06	86	261	20.10	34.6	17.2	0.0	0.00	120.0	8.0	0.0	0.0	650	18-Sep
PX06	86	262	20.80	35.3	17.7	0.0	0.00	112.3	8.5	0.0	0.0	650	19-Sep
PX06	86	263	18.50	35.2	18.9	0.0	0.00	112.3	10.3	0.0	0.0	650	20-Sep
PX06	86	264	7.50	28.7	16.7	0.0	0.00	69.1	10.4	0.0	0.0	650	21-Sep
PX06	86	265	6.60	28.0	20.2	0.0	0.00	112.3	12.6	0.0	0.0	650	22-Sep
PX06	86	266	5.44	25.8	16.0	9.7	0.00	77.8	15.7	0.0	0.0	650	23-Sep
PX06	86	267	18.80	23.9	11.5	0.0	0.00	60.5	10.4	0.0	0.0	650	24-Sep
PX06	86	268	18.60	25.8	13.3	0.5	0.00	65.0	11.0	0.0	0.0	650	25-Sep
PX06	86	269	18.20	28.5	16.2	0.0	0.00	69.1	11.5	0.0	0.0	650	26-Sep
PX06	86	270	21.60	30.9	13.0	0.0	0.00	86.4	11.0	0.0	0.0	650	27-Sep
PX06	86	271	21.30	30.9	14.3	0.0	0.00	95.0	9.8	0.0	0.0	650	28-Sep
PX06	86	272	19.90	29.1	13.6	0.0	0.00	51.8	9.0	0.0	0.0	650	29-Sep
PX06	86	273	20.60	30.7	13.1	0.0	0.00	69.1	8.8	0.0	0.0	650	30-Sep
PX06	86	274	21.20	32.9	13.9	0.0	0.00	250.6	7.3	0.0	0.0	650	01-Oct
PX06	86	275	19.00	28.9	17.2	0.0	0.00	181.4	8.8	0.0	0.0	650	02-Oct
PX06	86	276	17.86	27.4	15.9	0.0	0.00	112.3	8.9	0.0	0.0	650	03-Oct



FILENAME: PX120308.W86

WEATHER DATA FOR CO2=650, IRR=DRY, NIT=+, REP=#2

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC ↓ CO2YR WINDYR  
 PX12 33.40 112.00 2.30 0 1 1 0 1 650 0.0

INSTW	IYR	SOLRAD	XTMAX	XTMIN	XRAIN	XPAR	WIND	DEWPT	STMAX	STMIN	CO2	A00
	JUL											
PX12 86 87	21.53	38.6	20.3	0.0	0.00	202.2	-0.5	0.0	0.0	0.0	350	28-Mar
PX12 86 88	24.11	36.8	18.6	0.0	0.00	127.9	-1.4	0.0	0.0	0.0	350	29-Mar
PX12 86 89	23.48	37.4	15.6	0.0	0.00	82.8	1.5	0.0	0.0	0.0	350	30-Mar
PX12 86 90	10.93	33.5	18.5	0.0	0.00	121.0	0.6	0.0	0.0	0.0	350	31-Mar
PX12 86 91	17.70	31.8	19.6	0.0	0.00	162.0	-2.2	0.0	0.0	0.0	350	01-Apr
PX12 86 92	25.03	27.1	14.0	0.0	0.00	358.9	-1.7	0.0	0.0	0.0	350	02-Apr
PX12 86 93	26.40	28.8	8.3	0.0	0.00	111.3	0.9	0.0	0.0	0.0	350	03-Apr
PX12 86 94	26.54	31.8	10.3	0.0	0.00	141.9	1.1	0.0	0.0	0.0	350	04-Apr
PX12 86 95	26.78	35.6	10.5	0.0	0.00	204.3	-0.0	0.0	0.0	0.0	350	05-Apr
PX12 86 96	19.96	33.3	12.9	0.0	0.00	202.2	1.5	0.0	0.0	0.0	350	06-Apr
PX12 86 97	16.10	30.1	16.6	0.0	0.00	95.6	0.2	0.0	0.0	0.0	350	07-Apr
PX12 86 98	26.95	32.9	12.2	0.0	0.00	103.5	-0.9	0.0	0.0	0.0	350	08-Apr
PX12 86 99	27.50	33.4	11.2	0.0	0.00	86.0	-0.9	0.0	0.0	0.0	350	09-Apr
PX12 86 100	17.10	31.5	14.1	0.0	0.00	108.0	-0.9	0.0	0.0	0.0	350	10-Apr
PX12 86 101	24.30	33.1	13.7	0.0	0.00	121.0	-0.5	0.0	0.0	0.0	350	11-Apr
PX12 86 102	20.70	33.7	19.2	0.0	0.00	173.0	-0.2	0.0	0.0	0.0	350	12-Apr
PX12 86 103	27.40	30.0	14.2	0.0	0.00	233.0	-0.9	0.0	0.0	0.0	350	13-Apr
PX12 86 104	26.70	34.2	10.8	0.0	0.00	122.0	-0.5	0.0	0.0	0.0	350	14-Apr
PX12 86 105	25.50	35.9	16.7	0.0	0.00	145.0	0.4	0.0	0.0	0.0	350	15-Apr
PX12 86 106	24.20	32.8	19.3	0.0	0.00	293.5	-0.0	0.0	0.0	0.0	350	16-Apr
PX12 86 107	28.50	26.9	14.9	0.0	0.00	271.5	-1.4	0.0	0.0	0.0	350	17-Apr
PX12 86 108	28.70	29.4	9.4	0.0	0.00	165.0	-1.2	0.0	0.0	0.0	350	18-Apr
PX12 86 109	28.80	32.1	9.7	0.0	0.00	97.0	-0.9	0.0	0.0	0.0	350	19-Apr
PX12 86 110	29.00	35.0	13.3	0.0	0.00	100.0	-0.0	0.0	0.0	0.0	350	20-Apr
PX12 86 111	28.70	37.9	16.1	0.0	0.00	120.0	0.9	0.0	0.0	0.0	350	21-Apr
PX12 86 112	26.30	37.5	16.8	0.0	0.00	175.0	0.6	0.0	0.0	0.0	350	22-Apr
PX12 86 113	23.90	35.2	19.7	0.0	0.00	184.0	0.6	0.0	0.0	0.0	350	23-Apr
PX12 86 114	24.80	34.3	18.7	0.0	0.00	287.0	0.4	0.0	0.0	0.0	350	24-Apr
PX12 86 115	26.30	34.3	19.2	0.0	0.00	305.0	0.2	0.0	0.0	0.0	650	25-Apr
PX12 86 116	28.80	32.2	19.3	0.0	0.00	271.8	-0.2	0.0	0.0	0.0	650	26-Apr
PX12 86 117	29.90	33.1	12.9	0.0	0.00	112.0	-0.5	0.0	0.0	0.0	650	27-Apr
PX12 86 118	28.10	35.8	14.9	0.0	0.00	120.0	0.2	0.0	0.0	0.0	650	28-Apr
PX12 86 119	27.30	35.9	16.2	0.0	0.00	123.0	0.4	0.0	0.0	0.0	650	29-Apr
PX12 86 120	26.40	36.3	16.7	0.0	0.00	125.0	0.4	0.0	0.0	0.0	650	30-Apr
PX12 86 121	25.40	38.2	19.2	0.0	0.00	190.1	0.9	0.0	0.0	0.0	650	01-May
PX12 86 122	28.20	40.6	17.9	0.0	0.00	138.2	1.7	0.0	0.0	0.0	650	02-May
PX12 86 123	28.80	38.5	18.8	0.0	0.00	120.0	1.5	0.0	0.0	0.0	650	03-May
PX12 86 124	30.10	31.8	17.6	0.0	0.00	190.1	-0.0	0.0	0.0	0.0	650	04-May
PX12 86 125	29.90	33.5	13.4	0.0	0.00	121.0	-0.0	0.0	0.0	0.0	650	05-May
PX12 86 126	27.80	31.4	15.8	0.0	0.00	233.3	3.4	0.0	0.0	0.0	650	06-May
PX12 86 127	28.90	24.0	13.0	0.0	0.00	293.8	-0.7	0.0	0.0	0.0	650	07-May
PX12 86 128	30.20	28.6	9.8	0.0	0.00	146.9	-1.7	0.0	0.0	0.0	650	08-May
PX12 86 129	31.80	31.1	11.8	0.0	0.00	164.2	-0.0	0.0	0.0	0.0	650	09-May
PX12 86 130	30.30	34.7	13.2	0.0	0.00	146.9	-3.0	0.0	0.0	0.0	650	10-May
PX12 86 131	30.70	35.9	15.3	0.0	0.00	155.5	-2.5	0.0	0.0	0.0	650	11-May
PX12 86 132	30.70	35.3	14.4	0.0	0.00	86.4	-3.3	0.0	0.0	0.0	650	12-May

INSTW	IYR	SOLRAD		XTMIN		XRAIN	XPAR	WIND	DEWPT	STMIN		CO2	A00
	JUL		XTMAX		STMAX								
PX12	86	133	30.40	37.1	15.4	0.0	0.00	120.9	-2.2	0.0	0.0	650	13-May
PX12	86	134	29.10	35.7	16.3	0.0	0.00	138.2	-1.2	0.0	0.0	650	14-May
PX12	86	135	25.50	36.4	17.3	0.0	0.00	207.4	-0.9	0.0	0.0	650	15-May
PX12	86	136	31.20	35.2	17.5	0.0	0.00	207.4	-1.2	0.0	0.0	650	16-May
PX12	86	137	30.70	33.9	17.9	0.0	0.00	146.9	-1.7	0.0	0.0	650	17-May
PX12	86	138	30.90	37.2	17.6	0.0	0.00	112.3	-1.2	0.0	0.0	650	18-May
PX12	86	139	30.60	41.4	19.6	0.0	0.00	129.6	1.1	0.0	0.0	650	19-May
PX12	86	140	29.60	42.4	20.6	0.0	0.00	198.7	2.9	0.0	0.0	650	20-May
PX12	86	141	22.63	37.8	21.4	0.0	0.00	190.1	3.4	0.0	0.0	650	21-May
PX12	86	142	29.10	36.9	18.9	0.0	0.00	103.7	4.5	0.0	0.0	650	22-May
PX12	86	143	27.90	37.1	21.3	0.0	0.00	146.9	4.5	0.0	0.0	650	23-May
PX12	86	144	23.10	37.7	21.1	0.0	0.00	95.0	1.9	0.0	0.0	650	24-May
PX12	86	145	29.90	40.5	19.3	0.0	0.00	129.6	3.0	0.0	0.0	650	25-May
PX12	86	146	29.40	40.5	20.7	0.0	0.00	181.4	5.4	0.0	0.0	650	26-May
PX12	86	147	29.80	40.4	20.7	0.0	0.00	129.6	7.0	0.0	0.0	650	27-May
PX12	86	148	28.57	41.0	21.5	0.0	0.00	146.9	9.3	0.0	0.0	650	28-May
PX12	86	149	26.90	39.0	23.9	0.0	0.00	164.2	11.6	0.0	0.0	650	29-May
PX12	86	150	20.00	35.9	24.8	0.0	0.00	172.8	12.9	0.0	0.0	650	30-May
PX12	86	151	25.50	37.7	21.4	0.0	0.00	172.8	15.0	0.0	0.0	650	31-May
PX12	86	152	26.30	39.6	22.0	0.5	0.00	164.2	12.9	0.0	0.0	650	01-Jun
PX12	86	153	25.14	38.8	22.3	0.0	0.00	181.4	13.4	0.0	0.0	650	02-Jun
PX12	86	154	28.73	39.8	23.0	0.0	0.00	164.2	13.6	0.0	0.0	650	03-Jun
PX12	86	155	29.30	39.4	25.4	0.0	0.00	164.2	13.8	0.0	0.0	650	04-Jun
PX12	86	156	29.40	39.6	24.5	0.0	0.00	164.2	12.0	0.0	0.0	650	05-Jun
PX12	86	157	30.60	38.9	19.6	0.0	0.00	103.7	7.7	0.0	0.0	650	06-Jun
PX12	86	158	31.10	39.9	20.6	0.0	0.00	129.6	6.2	0.0	0.0	650	07-Jun
PX12	86	159	31.30	38.0	21.5	0.0	0.00	164.2	3.9	0.0	0.0	650	08-Jun
PX12	86	160	28.70	38.6	20.5	0.0	0.00	181.4	4.6	0.0	0.0	650	09-Jun
PX12	86	161	31.00	39.9	19.0	0.0	0.00	112.3	2.3	0.0	0.0	650	10-Jun
PX12	86	162	30.80	39.1	19.6	0.0	0.00	95.0	5.6	0.0	0.0	650	11-Jun
PX12	86	163	31.00	39.8	20.3	0.0	0.00	120.9	6.5	0.0	0.0	650	12-Jun
PX12	86	164	31.10	40.5	21.0	0.0	0.00	132.0	7.4	0.0	0.0	650	13-Jun
PX12	86	165	31.30	41.2	21.7	0.0	0.00	114.0	8.2	0.0	0.0	650	14-Jun
PX12	86	166	30.14	42.0	24.4	0.0	0.00	129.6	10.9	0.0	0.0	650	15-Jun
PX12	86	167	29.50	41.3	24.4	0.0	0.00	155.5	9.0	0.0	0.0	650	16-Jun
PX12	86	168	29.70	42.1	28.3	0.0	0.00	155.5	11.9	0.0	0.0	650	17-Jun
PX12	86	169	30.60	38.7	23.3	0.0	0.00	172.8	7.7	0.0	0.0	650	18-Jun
PX12	86	170	30.90	39.0	22.4	0.0	0.00	120.0	5.6	0.0	0.0	650	19-Jun
PX12	86	171	31.30	40.6	21.2	0.0	0.00	155.5	5.1	0.0	0.0	650	20-Jun
PX12	86	172	27.70	40.7	21.6	0.0	0.00	121.0	5.1	0.0	0.0	650	21-Jun
PX12	86	173	24.10	38.8	21.2	0.0	0.00	172.8	4.8	0.0	0.0	650	22-Jun
PX12	86	174	29.60	41.7	24.4	0.0	0.00	216.0	10.1	0.0	0.0	650	23-Jun
PX12	86	175	28.90	40.8	27.1	0.0	0.00	337.0	12.6	0.0	0.0	650	24-Jun
PX12	86	176	29.40	37.6	25.8	0.0	0.00	267.8	16.8	0.0	0.0	650	25-Jun
PX12	86	177	29.30	39.2	25.5	0.0	0.00	95.0	17.0	0.0	0.0	650	26-Jun
PX12	86	178	29.70	39.7	27.5	0.0	0.00	138.2	17.1	0.0	0.0	650	27-Jun
PX12	86	179	20.70	38.6	28.7	0.0	0.00	138.2	17.4	0.0	0.0	650	28-Jun
PX12	86	180	13.60	34.2	27.1	0.0	0.00	259.2	17.6	0.0	0.0	650	29-Jun
PX12	86	181	28.30	37.3	24.2	0.0	0.00	138.2	17.5	0.0	0.0	650	30-Jun
PX12	86	182	29.20	38.3	22.4	10.9	0.00	198.7	19.1	0.0	0.0	650	01-Jul
PX12	86	183	28.30	36.5	24.5	14.0	0.00	121.0	22.0	0.0	0.0	650	02-Jul
PX12	86	184	22.90	36.2	24.7	0.0	0.00	130.0	22.3	0.0	0.0	650	03-Jul

	YR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2	
PX12 86 185	22.60	34.0	23.5	1.3	0.00	190.1	20.6	0.0	0.0	650	04-Jul	
PX12 86 186	30.90	35.8	23.0	0.0	0.00	181.4	13.1	0.0	0.0	650	05-Jul	
PX12 86 187	30.70	37.4	21.4	0.0	0.00	181.4	13.8	0.0	0.0	650	06-Jul	
PX12 86 188	18.40	37.0	26.7	0.0	0.00	181.4	15.3	0.0	0.0	650	07-Jul	
PX12 86 189	29.80	38.4	25.1	0.0	0.00	155.5	17.7	0.0	0.0	650	08-Jul	
PX12 86 190	29.80	36.5	26.6	0.0	0.00	172.8	17.7	0.0	0.0	650	09-Jul	
PX12 86 191	29.30	36.6	27.6	0.0	0.00	155.5	17.7	0.0	0.0	650	10-Jul	
PX12 86 192	29.60	37.1	27.0	0.0	0.00	146.9	17.0	0.0	0.0	650	11-Jul	
PX12 86 193	30.40	37.8	25.7	0.0	0.00	164.2	12.1	0.0	0.0	650	12-Jul	
PX12 86 194	26.70	37.5	25.4	0.0	0.00	198.7	15.8	0.0	0.0	650	13-Jul	
PX12 86 195	22.12	35.6	27.6	0.0	0.00	207.4	18.1	0.0	0.0	650	14-Jul	
PX12 86 196	25.80	36.7	25.7	0.0	0.00	198.7	18.7	0.0	0.0	650	15-Jul	
PX12 86 197	23.30	35.2	25.2	0.0	0.00	302.4	18.7	0.0	0.0	650	16-Jul	
PX12 86 198	30.70	35.4	23.1	0.0	0.00	181.4	19.8	0.0	0.0	650	17-Jul	
PX12 86 199	22.40	36.1	26.3	0.0	0.00	138.2	18.7	0.0	0.0	650	18-Jul	
PX12 86 200	28.00	40.0	25.9	0.0	0.00	181.4	18.0	0.0	0.0	650	19-Jul	
PX12 86 201	26.40	41.2	22.2	0.0	0.00	164.2	16.0	0.0	0.0	650	20-Jul	
PX12 86 202	13.40	28.0	20.6	15.2	0.00	146.9	20.2	0.0	0.0	650	21-Jul	
PX12 86 203	28.20	33.5	20.9	0.0	0.00	121.0	19.9	0.0	0.0	650	22-Jul	
PX12 86 204	19.40	35.0	22.9	0.0	0.00	172.8	17.4	0.0	0.0	650	23-Jul	
PX12 86 205	28.70	36.7	25.1	0.0	0.00	241.9	17.8	0.0	0.0	650	24-Jul	
PX12 86 206	26.50	37.2	24.0	0.0	0.00	250.6	14.5	0.0	0.0	650	25-Jul	
PX12 86 207	29.70	36.6	21.7	0.0	0.00	112.3	13.6	0.0	0.0	650	26-Jul	
PX12 86 208	29.40	38.3	20.0	0.0	0.00	103.7	11.1	0.0	0.0	650	27-Jul	
PX12 86 209	25.00	38.6	20.9	0.0	0.00	69.1	11.4	0.0	0.0	650	28-Jul	
PX12 86 210	28.30	40.2	23.5	0.0	0.00	198.7	15.6	0.0	0.0	650	29-Jul	
PX12 86 211	29.10	39.8	21.7	0.0	0.00	146.9	13.3	0.0	0.0	650	30-Jul	
PX12 86 212	28.80	41.0	22.3	0.0	0.00	146.9	12.2	0.0	0.0	650	31-Jul	
PX12 86 213	27.70	39.9	24.2	0.0	0.00	164.2	14.7	0.0	0.0	650	01-Aug	
PX12 86 214	25.40	40.2	28.0	0.0	0.00	181.4	18.5	0.0	0.0	650	02-Aug	
PX12 86 215	20.50	41.0	26.0	0.0	0.00	103.7	16.9	0.0	0.0	650	03-Aug	
PX12 86 216	27.70	43.5	27.1	0.0	0.00	138.2	16.2	0.0	0.0	650	04-Aug	
PX12 86 217	26.20	40.5	27.7	0.0	0.00	129.6	16.0	0.0	0.0	650	05-Aug	
PX12 86 218	22.70	37.3	27.6	0.0	0.00	164.2	19.5	0.0	0.0	650	06-Aug	
PX12 86 219	27.30	39.5	27.1	2.8	0.00	198.7	20.2	0.0	0.0	650	07-Aug	
PX12 86 220	20.24	37.0	26.4	0.0	0.00	172.8	20.7	0.0	0.0	650	08-Aug	
PX12 86 221	27.10	39.3	26.7	1.1	0.00	155.5	21.5	0.0	0.0	650	09-Aug	
PX12 86 222	25.00	38.7	26.1	0.0	0.00	155.5	19.2	0.0	0.0	650	10-Aug	
PX12 86 223	21.90	39.6	27.2	0.0	0.00	172.8	19.9	0.0	0.0	650	11-Aug	
PX12 86 224	24.20	39.0	27.5	0.0	0.00	129.6	19.9	0.0	0.0	650	12-Aug	
PX12 86 225	26.60	40.1	26.6	0.0	0.00	112.3	20.2	0.0	0.0	650	13-Aug	
PX12 86 226	26.50	39.6	27.5	0.0	0.00	138.2	19.7	0.0	0.0	650	14-Aug	
PX12 86 227	27.10	40.0	27.3	0.0	0.00	150.0	17.7	0.0	0.0	650	15-Aug	
PX12 86 228	26.60	40.3	27.0	0.0	0.00	146.9	18.4	0.0	0.0	650	16-Aug	
PX12 86 229	19.70	38.7	28.5	0.0	0.00	198.7	18.7	0.0	0.0	650	17-Aug	
PX12 86 230	14.70	38.6	26.8	0.0	0.00	95.0	18.4	0.0	0.0	650	18-Aug	
PX12 86 231	25.30	43.7	26.6	0.0	0.00	95.0	18.9	0.0	0.0	650	19-Aug	
PX12 86 232	25.00	41.8	28.1	0.0	0.00	112.3	18.5	0.0	0.0	650	20-Aug	
PX12 86 233	21.70	41.2	27.4	0.0	0.00	205.0	17.7	0.0	0.0	650	21-Aug	
PX12 86 234	26.90	40.5	26.6	0.0	0.00	131.0	16.8	0.0	0.0	650	22-Aug	
PX12 86 235	18.70	39.8	25.9	0.0	0.00	241.9	15.8	0.0	0.0	650	23-Aug	
PX12 86 236	17.80	34.4	24.3	0.0	0.00	121.0	21.4	0.0	0.0	650	24-Aug	

INSTW	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
	JUL		XTMAX		XRAIN		WIND		STMAX	CO2			
PX12	86	237	20.90	37.6	23.1	0.5	0.00	200.0	21.0	0.0	0.0	650	25-Aug
PX12	86	238	21.40	35.0	23.3	5.3	0.00	200.0	20.6	0.0	0.0	650	26-Aug
PX12	86	239	19.12	34.8	24.0	23.1	0.00	137.0	21.5	0.0	0.0	650	27-Aug
PX12	86	240	24.20	35.5	24.0	0.8	0.00	178.0	21.1	0.0	0.0	650	28-Aug
PX12	86	241	20.50	34.8	23.8	2.0	0.00	205.0	20.4	0.0	0.0	650	29-Aug
PX12	86	242	24.20	34.6	22.6	0.0	0.00	164.0	19.9	0.0	0.0	650	30-Aug
PX12	86	243	22.80	35.3	25.6	0.0	0.00	164.0	20.5	0.0	0.0	650	31-Aug
PX12	86	244	24.00	35.7	24.4	0.0	0.00	145.0	18.9	0.0	0.0	650	01-Sep
PX12	86	245	24.80	36.8	22.9	0.0	0.00	112.0	15.7	0.0	0.0	650	02-Sep
PX12	86	246	23.70	37.7	21.8	0.0	0.00	112.0	16.1	0.0	0.0	650	03-Sep
PX12	86	247	25.70	38.4	22.2	0.0	0.00	100.0	14.9	0.0	0.0	650	04-Sep
PX12	86	248	25.70	39.1	22.6	0.0	0.00	127.0	13.4	0.0	0.0	650	05-Sep
PX12	86	249	24.20	39.9	22.9	0.0	0.00	130.0	12.0	0.0	0.0	650	06-Sep
PX12	86	250	23.90	40.2	25.9	0.0	0.00	331.4	11.5	0.0	0.0	650	07-Sep
PX12	86	251	14.83	36.2	24.9	0.0	0.00	207.0	19.6	0.0	0.0	650	08-Sep
PX12	86	252	20.87	34.8	21.8	0.0	0.00	271.5	15.4	0.0	0.0	650	09-Sep
PX12	86	253	21.10	33.6	18.6	0.0	0.00	260.9	12.8	0.0	0.0	650	10-Sep
PX12	86	254	22.50	34.8	14.3	0.0	0.00	125.0	7.8	0.0	0.0	650	11-Sep
PX12	86	255	17.90	35.7	18.4	0.0	0.00	145.0	11.0	0.0	0.0	650	12-Sep
PX12	86	256	17.80	34.6	19.6	0.0	0.00	157.0	10.0	0.0	0.0	650	13-Sep
PX12	86	257	22.40	36.0	17.1	0.0	0.00	185.0	9.3	0.0	0.0	650	14-Sep
PX12	86	258	20.72	36.3	19.7	0.0	0.00	147.0	10.7	0.0	0.0	650	15-Sep
PX12	86	259	21.20	34.9	15.4	0.0	0.00	136.0	9.7	0.0	0.0	650	16-Sep
PX12	86	260	21.30	34.4	17.2	0.0	0.00	126.0	6.8	0.0	0.0	650	17-Sep
PX12	86	261	20.10	35.9	17.8	0.0	0.00	120.0	5.3	0.0	0.0	650	18-Sep
PX12	86	262	20.80	35.7	17.8	0.0	0.00	112.3	6.2	0.0	0.0	650	19-Sep
PX12	86	263	18.50	34.4	18.8	0.0	0.00	112.3	8.5	0.0	0.0	650	20-Sep
PX12	86	264	7.50	28.4	16.1	0.0	0.00	69.1	8.9	0.0	0.0	650	21-Sep
PX12	86	265	6.60	28.0	20.2	0.0	0.00	112.3	12.6	0.0	0.0	650	22-Sep
PX12	86	266	5.44	25.7	16.6	9.7	0.00	77.8	15.0	0.0	0.0	650	23-Sep
PX12	86	267	18.80	24.9	11.7	0.0	0.00	60.5	9.4	0.0	0.0	650	24-Sep
PX12	86	268	18.60	26.9	13.4	0.5	0.00	65.0	9.9	0.0	0.0	650	25-Sep
PX12	86	269	18.20	29.4	16.1	0.0	0.00	69.1	10.5	0.0	0.0	650	26-Sep
PX12	86	270	21.60	32.1	12.3	0.0	0.00	86.4	9.8	0.0	0.0	650	27-Sep
PX12	86	271	21.30	31.5	13.8	0.0	0.00	95.0	8.1	0.0	0.0	650	28-Sep
PX12	86	272	19.90	30.2	13.2	0.0	0.00	51.8	7.5	0.0	0.0	650	29-Sep
PX12	86	273	20.60	31.2	12.7	0.0	0.00	69.1	7.3	0.0	0.0	650	30-Sep
PX12	86	274	21.20	34.4	13.5	0.0	0.00	250.6	5.0	0.0	0.0	650	01-Oct
PX12	86	275	19.00	28.9	16.7	0.0	0.00	181.4	7.4	0.0	0.0	650	02-Oct
PX12	86	276	17.86	28.1	14.9	0.0	0.00	112.3	8.0	0.0	0.0	650	03-Oct

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC      ↓      CO2YR WINDYR  
 PX04 33.40 112.00 2.30 0 1 1 0 1 650 0.0

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
<u>INSTW</u>	<u>JUL</u>		<u>XTMAX</u>		<u>XRAIN</u>		<u>WIND</u>		<u>STMAX</u>		<u>CO2</u>		
PX04	86	87	21.53	38.6	20.3	0.0	0.00	202.2	-0.5	0.0	0.0	350	28-Mar
PX04	86	88	24.11	36.8	18.6	0.0	0.00	127.9	-1.4	0.0	0.0	350	29-Mar
PX04	86	89	23.48	37.4	15.6	0.0	0.00	82.8	1.5	0.0	0.0	350	30-Mar
PX04	86	90	10.93	33.5	18.5	0.0	0.00	121.0	0.6	0.0	0.0	350	31-Mar
PX04	86	91	17.70	31.8	19.6	0.0	0.00	162.0	-2.2	0.0	0.0	350	01-Apr
PX04	86	92	25.03	27.1	14.0	0.0	0.00	358.9	-1.7	0.0	0.0	350	02-Apr
PX04	86	93	26.40	28.8	8.3	0.0	0.00	111.3	0.9	0.0	0.0	350	03-Apr
PX04	86	94	26.54	31.8	10.3	0.0	0.00	141.9	1.1	0.0	0.0	350	04-Apr
PX04	86	95	26.78	35.6	10.5	0.0	0.00	204.3	-0.0	0.0	0.0	350	05-Apr
PX04	86	96	19.96	33.3	12.9	0.0	0.00	202.2	1.5	0.0	0.0	350	06-Apr
PX04	86	97	16.10	30.1	16.6	0.0	0.00	95.6	0.2	0.0	0.0	350	07-Apr
PX04	86	98	26.95	32.9	12.2	0.0	0.00	103.5	-0.9	0.0	0.0	350	08-Apr
PX04	86	99	27.50	33.9	10.5	0.0	0.00	86.0	0.2	0.0	0.0	350	09-Apr
PX04	86	100	17.10	32.1	13.5	0.0	0.00	108.0	0.2	0.0	0.0	350	10-Apr
PX04	86	101	24.30	33.6	13.1	0.0	0.00	121.0	1.1	0.0	0.0	350	11-Apr
PX04	86	102	20.70	34.1	19.1	0.0	0.00	173.0	1.3	0.0	0.0	350	12-Apr
PX04	86	103	27.40	30.8	13.6	0.0	0.00	233.0	0.2	0.0	0.0	350	13-Apr
PX04	86	104	26.70	34.1	10.0	0.0	0.00	122.0	0.6	0.0	0.0	350	14-Apr
PX04	86	105	25.50	36.2	16.4	0.0	0.00	145.0	2.3	0.0	0.0	350	15-Apr
PX04	86	106	24.20	33.3	19.2	0.0	0.00	293.5	1.7	0.0	0.0	350	16-Apr
PX04	86	107	28.50	27.9	14.4	0.0	0.00	271.5	-0.9	0.0	0.0	350	17-Apr
PX04	86	108	28.70	30.2	8.5	0.0	0.00	165.0	-0.2	0.0	0.0	350	18-Apr
PX04	86	109	28.80	32.7	8.8	0.0	0.00	97.0	0.2	0.0	0.0	350	19-Apr
PX04	86	110	29.00	35.3	12.7	0.0	0.00	100.0	1.5	0.0	0.0	350	20-Apr
PX04	86	111	28.70	37.9	15.7	0.0	0.00	120.0	3.0	0.0	0.0	350	21-Apr
PX04	86	112	26.30	37.6	16.5	0.0	0.00	175.0	2.9	0.0	0.0	350	22-Apr
PX04	86	113	23.90	35.5	19.6	0.0	0.00	184.0	2.9	0.0	0.0	350	23-Apr
PX04	86	114	24.80	34.7	18.5	0.0	0.00	287.0	2.5	0.0	0.0	350	24-Apr
PX04	86	115	26.30	34.7	19.1	0.0	0.00	305.0	2.3	0.0	0.0	650	25-Apr
PX04	86	116	28.80	32.8	19.2	0.0	0.00	271.8	1.5	0.0	0.0	650	26-Apr
PX04	86	117	29.90	33.6	12.3	0.0	0.00	112.0	0.9	0.0	0.0	650	27-Apr
PX04	86	118	28.10	36.1	14.4	0.0	0.00	120.0	2.1	0.0	0.0	650	28-Apr
PX04	86	119	27.30	36.2	15.8	0.0	0.00	123.0	2.5	0.0	0.0	650	29-Apr
PX04	86	120	26.40	38.9	17.1	0.0	0.00	125.0	2.7	0.0	0.0	650	30-Apr
PX04	86	121	25.40	37.1	19.3	0.0	0.00	190.1	5.0	0.0	0.0	650	01-May
PX04	86	122	28.20	42.7	16.7	0.0	0.00	138.2	5.3	0.0	0.0	650	02-May
PX04	86	123	28.80	38.0	18.2	0.0	0.00	121.0	4.8	0.0	0.0	650	03-May
PX04	86	124	30.14	34.0	16.0	0.0	0.00	190.0	2.5	0.0	0.0	650	04-May
PX04	86	125	29.90	34.8	12.7	0.0	0.00	121.0	0.4	0.0	0.0	650	05-May
PX04	86	126	27.80	31.6	15.7	0.0	0.00	233.3	3.0	0.0	0.0	650	06-May
PX04	86	127	28.90	24.3	13.4	0.0	0.00	293.8	0.4	0.0	0.0	650	07-May
PX04	86	128	30.20	29.1	9.1	0.0	0.00	146.9	-0.2	0.0	0.0	650	08-May
PX04	86	129	31.80	32.1	10.5	0.0	0.00	164.2	-2.5	0.0	0.0	650	09-May
PX04	86	130	30.27	35.6	12.6	0.0	0.00	146.9	-2.7	0.0	0.0	650	10-May
PX04	86	131	30.70	36.7	14.9	0.0	0.00	155.5	-2.2	0.0	0.0	650	11-May
PX04	86	132	30.70	35.9	13.8	0.0	0.00	86.4	-3.3	0.0	0.0	650	12-May

INSTW	IYR	SOLRAD		XTMIN		XPAR	WIND	DEWPT	STMIN		CO2	A00	
		JUL	XTMAX	XRAIN	STMAX								
PX04	86	133	30.40	37.9	14.9	0.0	0.00	120.9	-1.7	0.0	0.0	650	13-May
PX04	86	134	29.10	35.8	15.7	0.0	0.00	138.2	-0.5	0.0	0.0	650	14-May
PX04	86	135	25.50	37.5	17.1	0.0	0.00	207.4	-0.0	0.0	0.0	650	15-May
PX04	86	136	31.20	36.8	18.5	0.0	0.00	207.4	2.9	0.0	0.0	650	16-May
PX04	86	137	30.70	34.2	18.0	0.0	0.00	146.9	-0.9	0.0	0.0	650	17-May
PX04	86	138	30.90	37.3	17.4	0.0	0.00	112.3	0.6	0.0	0.0	650	18-May
PX04	86	139	30.60	41.5	19.2	0.0	0.00	129.6	2.7	0.0	0.0	650	19-May
PX04	86	140	29.60	40.8	20.6	0.0	0.00	198.7	4.5	0.0	0.0	650	20-May
PX04	86	141	22.63	37.6	21.6	0.0	0.00	190.1	5.6	0.0	0.0	650	21-May
PX04	86	142	29.10	36.4	18.5	0.0	0.00	103.7	6.4	0.0	0.0	650	22-May
PX04	86	143	27.90	36.4	21.2	0.0	0.00	146.9	3.4	0.0	0.0	650	23-May
PX04	86	144	23.10	36.8	21.2	0.0	0.00	95.0	5.6	0.0	0.0	650	24-May
PX04	86	145	29.90	39.8	19.7	0.0	0.00	129.6	5.0	0.0	0.0	650	25-May
PX04	86	146	29.40	39.7	20.5	0.0	0.00	181.4	5.3	0.0	0.0	650	26-May
PX04	86	147	29.80	39.9	20.6	0.0	0.00	129.6	5.1	0.0	0.0	650	27-May
PX04	86	148	28.57	40.6	21.3	0.0	0.00	146.9	8.9	0.0	0.0	650	28-May
PX04	86	149	26.90	38.6	23.9	0.0	0.00	164.2	10.6	0.0	0.0	650	29-May
PX04	86	150	20.00	35.6	24.4	0.0	0.00	172.8	12.3	0.0	0.0	650	30-May
PX04	86	151	25.50	37.4	21.3	0.0	0.00	172.8	14.4	0.0	0.0	650	31-May
PX04	86	152	26.30	39.6	22.1	0.5	0.00	164.2	12.1	0.5	0.0	650	01-Jun
PX04	86	153	25.14	38.8	21.8	0.0	0.00	181.4	13.8	0.0	0.0	650	02-Jun
PX04	86	154	28.73	39.9	22.8	0.0	0.00	164.2	13.8	0.0	0.0	650	03-Jun
PX04	86	155	29.30	39.3	25.3	0.0	0.00	164.2	14.1	0.0	0.0	650	04-Jun
PX04	86	156	29.40	39.7	24.5	0.0	0.00	164.2	12.5	0.0	0.0	650	05-Jun
PX04	86	157	30.60	39.1	19.6	0.0	0.00	103.7	8.5	0.0	0.0	650	06-Jun
PX04	86	158	31.10	39.9	20.0	0.0	0.00	129.6	7.1	0.0	0.0	650	07-Jun
PX04	86	159	31.30	38.0	21.3	0.0	0.00	164.2	5.0	0.0	0.0	650	08-Jun
PX04	86	160	28.70	39.1	20.0	0.0	0.00	181.4	5.6	0.0	0.0	650	09-Jun
PX04	86	161	31.00	39.9	18.1	0.0	0.00	112.3	3.9	0.0	0.0	650	10-Jun
PX04	86	162	30.80	39.4	19.2	0.0	0.00	95.0	6.5	0.0	0.0	650	11-Jun
PX04	86	163	31.00	44.1	20.1	0.0	0.00	120.9	7.4	0.0	0.0	650	12-Jun
PX04	86	164	31.10	42.7	24.2	0.0	0.00	132.0	7.1	0.0	0.0	650	13-Jun
PX04	86	165	31.30	40.7	21.1	0.0	0.00	114.0	9.4	0.0	0.0	650	14-Jun
PX04	86	166	30.14	41.1	23.6	0.0	0.00	129.6	11.5	0.0	0.0	650	15-Jun
PX04	86	167	29.50	40.9	23.8	0.0	0.00	155.5	8.8	0.0	0.0	650	16-Jun
PX04	86	168	29.70	42.3	28.3	0.0	0.00	155.5	11.1	0.0	0.0	650	17-Jun
PX04	86	169	30.60	38.7	22.6	0.0	0.00	172.8	7.8	0.0	0.0	650	18-Jun
PX04	86	170	30.90	39.1	21.9	0.0	0.00	120.0	6.1	0.0	0.0	650	19-Jun
PX04	86	171	31.30	40.3	20.6	0.0	0.00	155.5	6.1	0.0	0.0	650	20-Jun
PX04	86	172	27.70	40.4	20.6	0.0	0.00	121.0	6.1	0.0	0.0	650	21-Jun
PX04	86	173	24.10	37.5	20.6	0.0	0.00	172.8	6.4	0.0	0.0	650	22-Jun
PX04	86	174	29.60	40.4	24.0	0.0	0.00	216.0	8.0	0.0	0.0	650	23-Jun
PX04	86	175	28.90	40.1	26.7	0.0	0.00	337.0	12.5	0.0	0.0	650	24-Jun
PX04	86	176	29.40	37.7	26.2	0.0	0.00	267.8	16.0	0.0	0.0	650	25-Jun
PX04	86	177	29.30	39.3	25.0	0.0	0.00	95.0	14.8	0.0	0.0	650	26-Jun
PX04	86	178	29.70	39.6	26.9	0.0	0.00	138.2	14.0	0.0	0.0	650	27-Jun
PX04	86	179	20.70	38.3	28.9	0.0	0.00	138.2	14.8	0.0	0.0	650	28-Jun
PX04	86	180	13.60	33.8	26.8	0.0	0.00	259.2	15.3	0.0	0.0	650	29-Jun
PX04	86	181	28.30	37.4	24.1	0.0	0.00	138.2	17.0	0.0	0.0	650	30-Jun
PX04	86	182	29.20	38.4	23.4	10.9	0.00	198.7	19.2	0.0	0.0	650	01-Jul
PX04	86	183	28.30	35.3	24.3	14.0	0.00	121.0	22.3	0.0	0.0	650	02-Jul
PX04	86	184	22.90	35.2	23.5	0.0	0.00	130.0	22.5	0.0	0.0	650	03-Jul

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX04	86	185	22.60	34.2	23.5	1.3	0.00	190.1	20.7	0.0	0.0	650	04-Jul
PX04	86	186	30.90	35.5	22.5	0.0	0.00	181.4	15.1	0.0	0.0	650	05-Jul
PX04	86	187	30.70	36.9	21.2	0.0	0.00	181.4	12.6	0.0	0.0	650	06-Jul
PX04	86	188	18.40	36.1	26.3	0.0	0.00	181.4	13.8	0.0	0.0	650	07-Jul
PX04	86	189	29.80	38.3	24.9	0.0	0.00	155.5	15.4	0.0	0.0	650	08-Jul
PX04	86	190	29.80	36.7	26.2	0.0	0.00	172.8	17.7	0.0	0.0	650	09-Jul
PX04	86	191	29.30	37.1	27.5	0.0	0.00	155.5	17.8	0.0	0.0	650	10-Jul
PX04	86	192	29.60	37.1	26.9	0.0	0.00	146.9	17.3	0.0	0.0	650	11-Jul
PX04	86	193	30.40	37.2	25.7	0.0	0.00	164.9	12.6	0.0	0.0	650	12-Jul
PX04	86	194	26.70	37.0	25.2	0.0	0.00	198.7	16.2	0.0	0.0	650	13-Jul
PX04	86	195	22.12	35.2	27.6	0.0	0.00	207.4	18.5	0.0	0.0	650	14-Jul
PX04	86	196	25.80	36.6	25.4	0.0	0.00	198.7	19.5	0.0	0.0	650	15-Jul
PX04	86	197	23.30	34.2	24.1	0.0	0.00	302.4	19.3	0.0	0.0	650	16-Jul
PX04	86	198	30.70	35.4	22.2	0.0	0.00	181.4	19.8	0.0	0.0	650	17-Jul
PX04	86	199	22.40	36.1	24.9	0.0	0.00	138.2	20.2	0.0	0.0	650	18-Jul
PX04	86	200	28.00	40.0	25.5	0.0	0.00	181.4	18.9	0.0	0.0	650	19-Jul
PX04	86	201	26.40	38.3	22.2	0.0	0.00	164.2	17.6	0.0	0.0	650	20-Jul
PX04	86	202	13.41	27.7	20.4	15.2	0.00	146.9	20.5	0.0	0.0	650	21-Jul
PX04	86	203	28.20	34.7	20.8	0.0	0.00	121.0	21.3	0.0	0.0	650	22-Jul
PX04	86	204	19.40	34.5	22.9	0.0	0.00	172.8	18.6	0.0	0.0	650	23-Jul
PX04	86	205	28.70	36.6	24.8	0.0	0.00	241.9	19.5	0.0	0.0	650	24-Jul
PX04	86	206	26.50	36.7	23.6	0.0	0.00	250.6	9.2	0.0	0.0	650	25-Jul
PX04	86	207	29.70	37.5	22.0	0.0	0.00	112.3	13.3	0.0	0.0	650	26-Jul
PX04	86	208	29.40	38.2	20.7	0.0	0.00	103.7	11.3	0.0	0.0	650	27-Jul
PX04	86	209	25.00	37.9	21.4	0.0	0.00	69.0	12.5	0.0	0.0	650	28-Jul
PX04	86	210	28.30	39.1	24.0	0.0	0.00	198.7	15.0	0.0	0.0	650	29-Jul
PX04	86	211	29.10	38.5	22.1	0.0	0.00	146.9	14.0	0.0	0.0	650	30-Jul
PX04	86	212	28.80	39.7	22.6	0.0	0.00	146.9	13.4	0.0	0.0	650	31-Jul
PX04	86	213	27.70	38.5	24.9	0.0	0.00	164.2	15.1	0.0	0.0	650	01-Aug
PX04	86	214	25.40	38.7	28.2	0.0	0.00	181.4	18.9	0.0	0.0	650	02-Aug
PX04	86	215	20.50	39.9	25.8	0.0	0.00	103.7	17.3	0.0	0.0	650	03-Aug
PX04	86	216	27.70	42.2	26.7	0.0	0.00	138.2	15.8	0.0	0.0	650	04-Aug
PX04	86	217	26.20	40.1	28.0	0.0	0.00	129.6	17.2	0.0	0.0	650	05-Aug
PX04	86	218	22.70	36.9	27.4	0.0	0.00	164.2	18.9	0.0	0.0	650	06-Aug
PX04	86	219	27.30	39.3	26.3	2.8	0.00	198.7	23.4	0.0	0.0	650	07-Aug
PX04	86	220	20.24	37.1	25.5	0.0	0.00	172.8	18.7	0.0	0.0	650	08-Aug
PX04	86	221	27.10	38.8	26.1	1.1	0.00	155.5	18.5	0.0	0.0	650	09-Aug
PX04	86	222	25.00	37.9	25.5	0.0	0.00	155.5	19.5	0.0	0.0	650	10-Aug
PX04	86	223	21.90	40.0	26.9	0.0	0.00	172.8	20.6	0.0	0.0	650	11-Aug
PX04	86	224	24.20	38.3	27.7	0.0	0.00	129.6	21.0	0.0	0.0	650	12-Aug
PX04	86	225	26.60	38.8	25.8	0.0	0.00	112.3	21.7	0.0	0.0	650	13-Aug
PX04	86	226	26.50	39.3	26.9	0.0	0.00	138.2	21.1	0.0	0.0	650	14-Aug
PX04	86	227	27.10	39.9	27.9	0.0	0.00	150.0	17.4	0.0	0.0	650	15-Aug
PX04	86	228	26.60	40.7	27.1	0.0	0.00	146.9	17.7	0.0	0.0	650	16-Aug
PX04	86	229	19.70	39.3	28.6	0.0	0.00	198.7	20.3	0.0	0.0	650	17-Aug
PX04	86	230	14.70	37.7	26.8	0.0	0.00	95.0	19.7	0.0	0.0	650	18-Aug
PX04	86	231	25.30	43.6	25.6	0.0	0.00	95.0	18.4	0.0	0.0	650	19-Aug
PX04	86	232	25.00	41.7	27.7	0.0	0.00	112.3	19.2	0.0	0.0	650	20-Aug
PX04	86	233	21.70	43.5	30.4	0.0	0.00	205.0	6.8	0.0	0.0	650	21-Aug
PX04	86	234	26.90	44.1	26.5	0.0	0.00	131.0	7.1	0.0	0.0	650	22-Aug
PX04	86	235	18.70	40.7	26.6	0.0	0.00	241.9	15.9	0.0	0.0	650	23-Aug
PX04	86	236	17.80	34.4	24.2	0.0	0.00	121.0	19.7	0.0	0.0	650	24-Aug

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL	XTMAX		XRAIN		WIND		STMAX		CO2			
PX04	86	237	20.90	37.0	22.3	0.5	0.00	200.0	20.0	0.0	0.0	650	25-Aug
PX04	86	238	21.40	35.1	22.7	5.3	0.00	152.0	21.0	0.0	0.0	650	26-Aug
PX04	86	239	19.12	34.8	23.2	23.1	0.00	137.0	22.0	0.0	0.0	650	27-Aug
PX04	86	240	24.20	34.8	24.1	0.8	0.00	178.0	20.9	0.0	0.0	650	28-Aug
PX04	86	241	20.50	35.4	23.4	2.0	0.00	205.0	21.6	0.0	0.0	650	29-Aug
PX04	86	242	24.20	34.7	22.6	0.0	0.00	164.0	20.5	0.0	0.0	650	30-Aug
PX04	86	243	22.80	35.7	25.6	0.0	0.00	164.0	20.8	0.0	0.0	650	31-Aug
PX04	86	244	24.00	35.6	24.7	0.0	0.00	145.0	18.5	0.0	0.0	650	01-Sep
PX04	86	245	24.80	36.7	22.4	0.0	0.00	112.0	16.6	0.0	0.0	650	02-Sep
PX04	86	246	23.70	37.5	21.4	0.0	0.00	112.0	15.0	0.0	0.0	650	03-Sep
PX04	86	247	25.70	43.1	24.4	0.0	0.00	100.0	5.6	0.0	0.0	650	04-Sep
PX04	86	248	25.70	44.0	25.8	0.0	0.00	127.0	6.4	0.0	0.0	650	05-Sep
PX04	86	249	24.20	39.7	22.3	0.0	0.00	130.0	13.7	0.0	0.0	650	06-Sep
PX04	86	250	23.90	41.1	25.2	0.0	0.00	331.4	13.1	0.0	0.0	650	07-Sep
PX04	86	251	14.83	37.4	25.4	0.0	0.00	207.0	15.7	0.0	0.0	650	08-Sep
PX04	86	252	20.87	39.0	25.2	0.0	0.00	271.5	2.1	0.0	0.0	650	09-Sep
PX04	86	253	21.10	33.5	18.1	0.0	0.00	260.9	13.0	0.0	0.0	650	10-Sep
PX04	86	254	22.50	34.8	13.8	0.0	0.00	125.0	7.0	0.0	0.0	650	11-Sep
PX04	86	255	17.90	36.3	17.5	0.0	0.00	145.0	10.0	0.0	0.0	650	12-Sep
PX04	86	256	17.80	34.5	19.2	0.0	0.00	157.0	8.5	0.0	0.0	650	13-Sep
PX04	86	257	22.40	36.3	16.5	0.0	0.00	185.0	7.0	0.0	0.0	650	14-Sep
PX04	86	258	20.72	35.9	19.2	0.0	0.00	147.0	8.9	0.0	0.0	650	15-Sep
PX04	86	259	21.20	35.1	14.8	0.0	0.00	136.0	7.7	0.0	0.0	650	16-Sep
PX04	86	260	21.30	33.7	15.9	0.0	0.00	126.0	7.1	0.0	0.0	650	17-Sep
PX04	86	261	20.10	35.1	17.3	0.0	0.00	120.0	6.4	0.0	0.0	650	18-Sep
PX04	86	262	20.80	35.1	17.1	0.0	0.00	112.0	7.0	0.0	0.0	650	19-Sep
PX04	86	263	18.50	35.1	18.1	0.0	0.00	112.3	8.9	0.0	0.0	650	20-Sep
PX04	86	264	7.50	29.0	16.2	0.0	0.00	69.1	9.7	0.0	0.0	650	21-Sep
PX04	86	265	6.60	28.1	20.5	0.0	0.00	112.3	11.9	0.0	0.0	650	22-Sep
PX04	86	266	5.44	26.0	16.2	9.7	0.00	77.8	15.9	0.0	0.0	650	23-Sep
PX04	86	267	18.80	24.6	11.7	0.0	0.00	60.5	11.0	0.0	0.0	650	24-Sep
PX04	86	268	18.60	27.0	13.9	0.5	0.00	65.0	11.0	0.0	0.0	650	25-Sep
PX04	86	269	18.20	29.3	16.1	0.0	0.00	69.1	11.0	0.0	0.0	650	26-Sep
PX04	86	270	21.60	31.6	12.1	0.0	0.00	86.4	9.9	0.0	0.0	650	27-Sep
PX04	86	271	21.30	31.8	13.6	0.0	0.00	95.0	8.4	0.0	0.0	650	28-Sep
PX04	86	272	19.90	30.0	12.9	0.0	0.00	51.8	7.7	0.0	0.0	650	29-Sep
PX04	86	273	20.60	31.5	12.1	0.0	0.00	69.1	7.3	0.0	0.0	650	30-Sep
PX04	86	274	21.20	34.2	12.7	0.0	0.00	250.6	5.0	0.0	0.0	650	01-Oct
PX04	86	275	19.00	29.4	17.1	0.0	0.00	181.4	7.5	0.0	0.0	650	02-Oct
PX04	86	276	17.86	28.4	15.3	0.0	0.00	112.3	7.4	0.0	0.0	650	03-Oct



options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC      ↓      CO2YR WINDYR  
 PX13 33.40 112.00 2.30 0 1 1 0 1 650 0.0

	IYR	SOLRAD	XTMIN	XPAR	DEWPT	STMIN	A00
<u>INSTW</u>	<u>JUL</u>	<u>XTMAX</u>	<u>XRAIN</u>	<u>WIND</u>	<u>STMAX</u>	<u>CO2</u>	
PX13 86 87 21.53 38.6 20.3 0.0 0.00 202.2 -0.5 0.0 0.0 350 28-Mar							
PX13 86 88 24.11 36.8 18.6 0.0 0.00 127.9 -1.4 0.0 0.0 350 29-Mar							
PX13 86 89 23.48 37.4 15.6 0.0 0.00 82.8 1.5 0.0 0.0 350 30-Mar							
PX13 86 90 10.93 33.5 18.5 0.0 0.00 121.0 0.6 0.0 0.0 350 31-Mar							
PX13 86 91 17.70 31.8 19.6 0.0 0.00 162.0 -2.2 0.0 0.0 350 01-Apr							
PX13 86 92 25.03 27.1 14.0 0.0 0.00 358.9 -1.7 0.0 0.0 350 02-Apr							
PX13 86 93 26.40 28.8 8.3 0.0 0.00 111.3 0.9 0.0 0.0 350 03-Apr							
PX13 86 94 26.54 31.8 10.3 0.0 0.00 141.9 1.1 0.0 0.0 350 04-Apr							
PX13 86 95 26.78 35.6 10.5 0.0 0.00 204.3 -0.0 0.0 0.0 350 05-Apr							
PX13 86 96 19.96 33.3 12.9 0.0 0.00 202.2 1.5 0.0 0.0 350 06-Apr							
PX13 86 97 16.10 30.1 16.6 0.0 0.00 95.6 0.2 0.0 0.0 350 07-Apr							
PX13 86 98 26.95 32.9 12.2 0.0 0.00 103.5 -0.9 0.0 0.0 350 08-Apr							
PX13 86 99 27.50 33.6 11.5 0.0 0.00 86.0 -1.7 0.0 0.0 350 09-Apr							
PX13 86 100 17.10 31.8 14.4 0.0 0.00 108.0 -1.7 0.0 0.0 350 10-Apr							
PX13 86 101 24.30 33.4 14.0 0.0 0.00 121.0 -1.2 0.0 0.0 350 11-Apr							
PX13 86 102 20.70 33.9 19.6 0.0 0.00 173.0 -0.9 0.0 0.0 350 12-Apr							
PX13 86 103 27.40 30.4 14.5 0.0 0.60 233.0 -1.7 0.0 0.0 350 13-Apr							
PX13 86 104 26.70 34.4 11.2 0.0 0.00 122.0 -1.4 0.0 0.0 350 14-Apr							
PX13 86 105 25.50 36.1 17.1 0.0 0.00 145.0 -0.0 0.0 0.0 350 15-Apr							
PX13 86 106 24.20 33.1 19.7 0.0 0.00 293.5 -0.5 0.0 0.0 350 16-Apr							
PX13 86 107 28.50 27.4 15.3 0.0 0.00 271.5 -2.5 0.0 0.0 350 17-Apr							
PX13 86 108 28.73 29.8 9.7 0.0 0.00 165.0 -1.9 0.0 0.0 350 18-Apr							
PX13 86 109 28.80 32.4 10.0 0.0 0.00 97.0 -1.7 0.0 0.0 350 19-Apr							
PX13 86 110 29.00 35.1 13.7 0.0 0.00 100.0 -0.7 0.0 0.0 350 20-Apr							
PX13 86 111 28.90 37.9 16.4 0.0 0.00 120.0 0.6 0.0 0.0 350 21-Apr							
PX13 86 112 26.30 37.5 17.2 0.0 0.00 175.0 0.4 0.0 0.0 350 22-Apr							
PX13 86 113 23.90 35.3 20.1 0.0 0.00 184.0 0.2 0.0 0.0 350 23-Apr							
PX13 86 114 24.80 34.5 19.1 0.0 0.00 287.0 -0.0 0.0 0.0 350 24-Apr							
PX13 86 115 26.30 34.5 19.6 0.0 0.00 305.0 -0.7 0.0 0.0 650 25-Apr							
PX13 86 116 28.80 32.5 19.7 0.0 0.00 271.8 -1.2 0.0 0.0 650 26-Apr							
PX13 86 117 29.90 33.4 13.3 0.0 0.00 112.0 -0.2 0.0 0.0 650 27-Apr							
PX13 86 118 28.10 36.0 15.3 0.0 0.00 120.0 0.4 0.0 0.0 650 28-Apr							
PX13 86 119 27.30 36.1 16.5 0.0 0.00 123.0 -0.0 0.0 0.0 650 29-Apr							
PX13 86 120 26.40 38.0 18.2 0.0 0.00 125.0 0.2 0.0 0.0 650 30-Apr							
PX13 86 121 25.40 36.1 19.2 0.0 0.00 190.1 -0.9 0.0 0.0 650 01-May							
PX13 86 122 28.20 42.0 18.1 0.0 0.00 138.2 1.1 0.0 0.0 650 02-May							
PX13 86 123 28.80 40.1 19.2 0.0 0.00 120.0 1.1 0.0 0.0 650 03-May							
PX13 86 124 30.14 33.1 17.7 0.0 0.00 190.1 -1.2 0.0 0.0 650 04-May							
PX13 86 125 29.90 33.0 14.0 0.0 0.00 121.0 -4.1 0.0 0.0 650 05-May							
PX13 86 126 27.80 31.0 16.2 0.0 0.00 233.3 1.7 0.0 0.0 650 06-May							
PX13 86 127 28.90 24.4 13.1 0.0 0.00 293.8 -1.2 0.0 0.0 650 07-May							
PX13 86 128 30.20 26.9 10.2 0.0 0.00 146.9 -1.7 0.0 0.0 650 08-May							
PX13 86 129 31.80 31.7 11.7 0.0 0.00 164.2 -3.0 0.0 0.0 650 09-May							
PX13 86 130 30.27 35.2 13.8 0.0 0.00 146.9 -5.0 0.0 0.0 650 10-May							
PX13 86 131 30.70 36.2 15.6 0.0 0.00 155.5 -2.7 0.0 0.0 650 11-May							
PX13 86 132 30.70 35.3 14.8 0.0 0.00 86.4 -3.3 0.0 0.0 650 12-May							

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00
INSTW	JUL	XTMAX	XRAIN	WIND	STMAX	CO2						
PX13 86 133	30.40	36.9	15.8	0.0	0.00	120.9	-1.7	0.0	0.0	650	13-May	
PX13 86 134	29.10	35.6	16.6	0.0	0.00	138.2	-0.5	0.0	0.0	650	14-May	
PX13 86 135	25.50	36.4	17.6	0.0	0.00	207.4	-0.2	0.0	0.0	650	15-May	
PX13 86 136	31.20	36.7	19.3	0.0	0.00	207.4	2.7	0.0	0.0	650	16-May	
PX13 86 137	30.70	33.7	18.0	0.0	0.00	146.9	-0.9	0.0	0.0	650	17-May	
PX13 86 138	30.90	37.5	17.8	0.0	0.00	112.3	0.2	0.0	0.0	650	18-May	
PX13 86 139	30.60	41.9	20.1	0.0	0.00	129.6	1.1	0.0	0.0	650	19-May	
PX13 86 140	29.60	41.5	21.0	0.0	0.00	198.7	2.9	0.0	0.0	650	20-May	
PX13 86 141	22.63	37.2	21.5	0.0	0.00	190.1	3.0	0.0	0.0	650	21-May	
PX13 86 142	29.10	36.4	19.0	0.0	0.00	103.7	3.8	0.0	0.0	650	22-May	
PX13 86 143	27.90	36.7	21.5	0.0	0.00	146.9	4.5	0.0	0.0	650	23-May	
PX13 86 144	23.10	36.8	21.3	0.0	0.00	95.0	2.1	0.0	0.0	650	24-May	
PX13 86 145	29.90	40.1	19.8	0.0	0.00	129.6	2.9	0.0	0.0	650	25-May	
PX13 86 146	29.40	40.0	21.1	0.0	0.00	181.4	3.2	0.0	0.0	650	26-May	
PX13 86 147	29.80	39.8	21.2	0.0	0.00	129.6	3.9	0.0	0.0	650	27-May	
PX13 86 148	28.57	40.7	22.2	0.0	0.00	146.9	6.1	0.0	0.0	650	28-May	
PX13 86 149	26.90	39.1	24.1	0.0	0.00	164.2	8.5	0.0	0.0	650	29-May	
PX13 86 150	20.00	35.6	25.0	0.0	0.00	172.8	11.5	0.0	0.0	650	30-May	
PX13 86 151	25.50	37.2	21.7	0.0	0.00	172.8	13.8	0.0	0.0	650	31-May	
PX13 86 152	26.30	39.4	22.3	0.5	0.00	164.2	11.1	0.0	0.0	650	01-Jun	
PX13 86 153	25.14	38.7	22.8	0.0	0.00	181.4	12.8	0.0	0.0	650	02-Jun	
PX13 86 154	28.73	39.6	23.3	0.0	0.00	164.2	13.0	0.0	0.0	650	03-Jun	
PX13 86 155	29.30	39.6	25.8	0.0	0.00	164.2	13.3	0.0	0.0	650	04-Jun	
PX13 86 156	29.40	39.2	24.4	0.0	0.00	164.2	11.6	0.0	0.0	650	05-Jun	
PX13 86 157	30.60	38.9	19.8	0.0	0.00	103.7	7.3	0.0	0.0	650	06-Jun	
PX13 86 158	31.10	40.0	21.3	0.0	0.00	129.6	5.3	0.0	0.0	650	07-Jun	
PX13 86 159	31.30	38.2	21.8	0.0	0.00	164.2	2.5	0.0	0.0	650	08-Jun	
PX13 86 160	28.70	39.1	21.0	0.0	0.00	181.4	4.3	0.0	0.0	650	09-Jun	
PX13 86 161	31.00	39.6	19.6	0.0	0.00	112.3	3.2	0.0	0.0	650	10-Jun	
PX13 86 162	30.80	38.6	19.5	0.0	0.00	95.0	6.5	0.0	0.0	650	11-Jun	
PX13 86 163	31.00	44.3	21.5	0.0	0.00	120.9	4.1	0.0	0.0	650	12-Jun	
PX13 86 164	31.10	42.9	24.4	0.0	0.00	132.0	3.9	0.0	0.0	650	13-Jun	
PX13 86 165	31.30	40.4	22.5	0.0	0.00	114.0	9.0	0.0	0.0	650	14-Jun	
PX13 86 166	30.14	41.1	25.2	0.0	0.00	129.6	11.5	0.0	0.0	650	15-Jun	
PX13 86 167	29.50	41.1	25.1	0.0	0.00	155.5	8.8	0.0	0.0	650	16-Jun	
PX13 86 168	29.70	42.5	27.9	0.0	0.00	155.5	11.4	0.0	0.0	650	17-Jun	
PX13 86 169	30.60	37.6	23.7	0.0	0.00	172.8	8.6	0.0	0.0	650	18-Jun	
PX13 86 170	30.90	38.2	22.6	0.0	0.00	120.0	6.5	0.0	0.0	650	19-Jun	
PX13 86 171	31.30	39.5	21.8	0.0	0.00	155.5	6.2	0.0	0.0	650	20-Jun	
PX13 86 172	27.70	39.7	22.2	0.0	0.00	121.0	6.1	0.0	0.0	650	21-Jun	
PX13 86 173	24.10	38.0	22.0	0.0	0.00	172.8	5.4	0.0	0.0	650	22-Jun	
PX13 86 174	29.60	41.0	24.9	0.0	0.00	216.0	7.8	0.0	0.0	650	23-Jun	
PX13 86 175	28.90	40.9	27.4	0.0	0.00	337.0	12.7	0.0	0.0	650	24-Jun	
PX13 86 176	29.40	37.1	26.1	0.0	0.00	267.8	16.4	0.0	0.0	650	25-Jun	
PX13 86 177	29.30	38.7	26.1	0.0	0.00	95.0	15.0	0.0	0.0	650	26-Jun	
PX13 86 178	29.70	38.8	27.7	0.0	0.00	138.2	14.4	0.0	0.0	650	27-Jun	
PX13 86 179	20.70	38.2	28.9	0.0	0.00	138.2	15.0	0.0	0.0	650	28-Jun	
PX13 86 180	13.60	34.0	27.1	0.0	0.00	259.2	15.5	0.0	0.0	650	29-Jun	
PX13 86 181	28.30	36.7	24.4	0.0	0.00	138.2	17.4	0.0	0.0	650	30-Jun	
PX13 86 182	29.20	37.9	23.0	10.9	0.00	198.7	19.5	0.0	0.0	650	01-Jul	
PX13 86 183	28.30	35.6	24.5	14.0	0.00	121.0	22.4	0.0	0.0	650	02-Jul	
PX13 86 184	22.90	36.0	24.8	0.0	0.00	130.0	22.4	0.0	0.0	650	03-Jul	

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2	
PX13 86 185	22.60	34.3	23.6	1.3	0.00	190.1	20.6	0.0	0.0	650	04-Jul	
PX13 86 186	30.90	35.7	23.2	0.0	0.00	181.4	15.4	0.0	0.0	650	05-Jul	
PX13 86 187	30.70	37.2	21.6	0.0	0.00	181.4	13.1	0.0	0.0	650	06-Jul	
PX13 86 188	18.40	36.1	26.7	0.0	0.00	181.4	14.5	0.0	0.0	650	07-Jul	
PX13 86 189	29.80	37.5	25.4	0.0	0.00	155.5	16.5	0.0	0.0	650	08-Jul	
PX13 86 190	29.80	35.8	26.6	0.0	0.00	172.8	18.7	0.0	0.0	650	09-Jul	
PX13 86 191	29.30	36.5	27.5	0.0	0.00	155.5	18.4	0.0	0.0	650	10-Jul	
PX13 86 192	29.60	37.0	27.0	0.0	0.00	146.9	18.0	0.0	0.0	650	11-Jul	
PX13 86 193	30.40	36.5	25.7	0.0	0.00	164.2	14.7	0.0	0.0	650	12-Jul	
PX13 86 194	26.70	36.1	25.3	0.0	0.00	198.7	17.7	0.0	0.0	650	13-Jul	
PX13 86 195	22.12	34.7	27.7	0.0	0.00	207.4	18.9	0.0	0.0	650	14-Jul	
PX13 86 196	25.80	35.5	25.9	0.0	0.00	198.7	19.3	0.0	0.0	650	15-Jul	
PX13 86 197	23.30	34.3	25.2	0.0	0.00	302.4	19.2	0.0	0.0	650	16-Jul	
PX13 86 198	30.70	35.2	23.1	0.0	0.00	181.4	18.9	0.0	0.0	650	17-Jul	
PX13 86 199	22.40	35.9	26.2	0.0	0.00	138.2	19.1	0.0	0.0	650	18-Jul	
PX13 86 200	28.00	39.0	26.1	0.0	0.00	181.4	18.6	0.0	0.0	650	19-Jul	
PX13 86 201	26.40	40.2	22.3	0.0	0.00	164.2	16.6	0.0	0.0	650	20-Jul	
PX13 86 202	13.41	28.3	20.6	15.2	0.00	146.2	20.3	0.0	0.0	650	21-Jul	
PX13 86 203	28.20	33.4	21.1	0.0	0.00	121.0	20.1	0.0	0.0	650	22-Jul	
PX13 86 204	19.40	34.8	23.0	0.0	0.00	172.8	17.7	0.0	0.0	650	23-Jul	
PX13 86 205	28.70	36.5	25.0	0.0	0.00	241.9	18.0	0.0	0.0	650	24-Jul	
PX13 86 206	26.50	36.9	23.8	0.0	0.00	250.6	14.8	0.0	0.0	650	25-Jul	
PX13 86 207	29.70	37.7	22.1	0.0	0.00	112.3	11.8	0.0	0.0	650	26-Jul	
PX13 86 208	29.40	38.4	20.8	0.0	0.00	103.7	9.3	0.0	0.0	650	27-Jul	
PX13 86 209	25.00	38.5	21.2	0.0	0.00	69.1	11.2	0.0	0.0	650	28-Jul	
PX13 86 210	28.30	38.7	24.1	0.0	0.00	198.7	14.2	0.0	0.0	650	29-Jul	
PX13 86 211	29.10	39.0	22.2	0.0	0.00	146.9	12.1	0.0	0.0	650	30-Jul	
PX13 86 212	28.80	40.1	22.8	0.0	0.00	146.9	11.5	0.0	0.0	650	31-Jul	
PX13 86 213	27.70	38.5	24.9	0.0	0.00	164.2	14.2	0.0	0.0	650	01-Aug	
PX13 86 214	25.40	38.4	28.1	0.0	0.00	181.4	18.6	0.0	0.0	650	02-Aug	
PX13 86 215	20.50	39.3	26.5	0.0	0.00	103.7	16.8	0.0	0.0	650	03-Aug	
PX13 86 216	27.70	41.8	27.3	0.0	0.00	138.2	16.3	0.0	0.0	650	04-Aug	
PX13 86 217	26.20	38.9	28.2	0.0	0.00	129.6	17.8	0.0	0.0	650	05-Aug	
PX13 86 218	22.70	36.4	27.4	0.0	0.00	164.2	19.2	0.0	0.0	650	06-Aug	
PX13 86 219	27.30	38.4	27.1	2.8	0.00	198.7	19.1	0.0	0.0	650	07-Aug	
PX13 86 220	20.24	36.1	26.4	0.0	0.00	172.8	19.2	0.0	0.0	650	08-Aug	
PX13 86 221	27.10	38.4	26.9	1.1	0.00	155.5	19.2	0.0	0.0	650	09-Aug	
PX13 86 222	25.00	37.7	26.1	0.0	0.00	155.5	20.1	0.0	0.0	650	10-Aug	
PX13 86 223	21.90	38.9	27.3	0.0	0.00	172.8	20.9	0.0	0.0	650	11-Aug	
PX13 86 224	24.20	37.7	27.5	0.0	0.00	129.6	20.6	0.0	0.0	650	12-Aug	
PX13 86 225	26.60	38.7	26.5	0.0	0.00	112.3	21.0	0.0	0.0	650	13-Aug	
PX13 86 226	26.50	39.2	27.6	0.0	0.00	138.2	20.4	0.0	0.0	650	14-Aug	
PX13 86 227	27.10	38.7	27.5	0.0	0.00	150.0	18.4	0.0	0.0	650	15-Aug	
PX13 86 228	26.60	39.0	27.2	0.0	0.00	146.9	19.6	0.0	0.0	650	16-Aug	
PX13 86 229	19.70	37.8	28.2	0.0	0.00	198.7	20.3	0.0	0.0	650	17-Aug	
PX13 86 230	14.70	37.8	26.9	0.0	0.00	95.0	19.7	0.0	0.0	650	18-Aug	
PX13 86 231	25.30	42.6	26.7	0.0	0.00	95.0	18.9	0.0	0.0	650	19-Aug	
PX13 86 232	25.00	40.9	28.0	0.0	0.00	112.3	19.6	0.0	0.0	650	20-Aug	
PX13 86 233	21.70	43.7	30.3	0.0	0.00	205.0	3.8	0.0	0.0	650	21-Aug	
PX13 86 234	26.90	44.3	26.6	0.0	0.00	131.0	3.9	0.0	0.0	650	22-Aug	
PX13 86 235	18.70	39.8	26.1	0.0	0.00	241.9	16.4	0.0	0.0	650	23-Aug	
PX13 86 236	17.80	34.4	24.6	0.0	0.00	121.0	20.1	0.0	0.0	650	24-Aug	

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX13	86	237	20.90	37.2	22.8	0.5	0.00	200.0	19.9	0.0	0.0	650	25-Aug
PX13	86	238	21.40	35.1	23.5	5.3	0.00	152.0	21.0	0.0	0.0	650	26-Aug
PX13	86	239	19.12	35.1	24.4	23.1	0.00	137.0	21.9	0.0	0.0	650	27-Aug
PX13	86	240	24.20	35.2	23.9	0.8	0.00	178.0	20.7	0.0	0.0	650	28-Aug
PX13	86	241	20.50	35.9	23.1	2.0	0.00	205.0	21.7	0.0	0.0	650	29-Aug
PX13	86	242	24.20	35.3	22.7	0.0	0.00	164.0	20.3	0.0	0.0	650	30-Aug
PX13	86	243	22.80	36.0	26.0	0.0	0.00	164.0	20.7	0.0	0.0	650	31-Aug
PX13	86	244	24.00	35.6	24.7	0.0	0.00	145.0	19.6	0.0	0.0	650	01-Sep
PX13	86	245	24.80	37.1	23.3	0.0	0.00	112.0	16.4	0.0	0.0	650	02-Sep
PX13	86	246	23.70	38.0	22.2	0.0	0.00	112.0	14.8	0.0	0.0	650	03-Sep
PX13	86	247	25.70	43.3	24.6	0.0	0.00	100.0	2.7	0.0	0.0	650	04-Sep
PX13	86	248	25.70	44.2	26.0	0.0	0.00	127.0	3.4	0.0	0.0	650	05-Sep
PX13	86	249	24.20	40.3	23.2	0.0	0.00	130.0	12.5	0.0	0.0	650	06-Sep
PX13	86	250	23.90	41.5	26.5	0.0	0.00	331.4	12.4	0.0	0.0	650	07-Sep
PX13	86	251	14.83	38.0	25.3	0.0	0.00	207.0	15.2	0.0	0.0	650	08-Sep
PX13	86	252	20.87	39.0	25.4	0.0	0.00	271.5	-0.2	0.0	0.0	650	09-Sep
PX13	86	253	21.10	33.0	19.1	0.0	0.00	260.9	13.3	0.0	0.0	650	10-Sep
PX13	86	254	22.50	34.9	15.2	0.0	0.00	125.0	7.5	0.0	0.0	650	11-Sep
PX13	86	255	17.90	35.9	19.0	0.0	0.00	145.0	10.4	0.0	0.0	650	12-Sep
PX13	86	256	17.80	34.6	20.4	0.0	0.00	157.0	9.0	0.0	0.0	650	13-Sep
PX13	86	257	22.40	35.8	17.3	0.0	0.00	185.0	7.8	0.0	0.0	650	14-Sep
PX13	86	258	20.72	35.8	19.8	0.0	0.00	147.0	9.2	0.0	0.0	650	15-Sep
PX13	86	259	21.20	34.6	16.6	0.0	0.00	136.0	8.1	0.0	0.0	650	16-Sep
PX13	86	260	21.30	35.1	18.1	0.0	0.00	126.0	10.6	0.0	0.0	650	17-Sep
PX13	86	261	20.10	33.9	17.3	0.0	0.00	120.0	9.2	0.0	0.0	650	18-Sep
PX13	86	262	20.80	34.8	17.7	0.0	0.00	112.3	10.5	0.0	0.0	650	19-Sep
PX13	86	263	18.50	34.1	19.3	0.0	0.00	112.3	9.8	0.0	0.0	650	20-Sep
PX13	86	264	7.50	28.4	17.1	0.0	0.00	69.1	9.9	0.0	0.0	650	21-Sep
PX13	86	265	6.60	27.9	20.2	0.0	0.00	112.3	12.2	0.0	0.0	650	22-Sep
PX13	86	266	5.44	25.6	15.9	9.7	0.00	77.8	15.5	0.0	0.0	650	23-Sep
PX13	86	267	18.80	24.5	11.7	0.0	0.00	60.5	9.9	0.0	0.0	650	24-Sep
PX13	86	268	18.60	26.7	16.4	0.5	0.00	65.0	11.2	0.0	0.0	650	25-Sep
PX13	86	269	18.20	28.9	16.4	0.0	0.00	69.1	11.6	0.0	0.0	650	26-Sep
PX13	86	270	21.60	31.2	13.3	0.0	0.00	86.4	10.7	0.0	0.0	650	27-Sep
PX13	86	271	21.30	31.3	13.5	0.0	0.00	95.0	9.3	0.0	0.0	650	28-Sep
PX13	86	272	19.90	29.6	13.5	0.0	0.00	51.8	8.5	0.0	0.0	650	29-Sep
PX13	86	273	20.60	30.9	13.6	0.0	0.00	69.1	8.4	0.0	0.0	650	30-Sep
PX13	86	274	21.20	33.0	14.0	0.0	0.00	250.6	6.8	0.0	0.0	650	01-Oct
PX13	86	275	19.00	28.5	16.9	0.0	0.00	181.4	8.6	0.0	0.0	650	02-Oct
PX13	86	276	17.86	27.8	15.8	0.0	0.00	112.3	8.6	0.0	0.0	650	03-Oct

FILENAME: PX010308.W86

WEATHER DATA FOR CO2=650, IRR=WET, NIT=+, REP=#1

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC     ↓     CO2YR WINDYR  
 PX01 33.40 112.00 2.30 0 1 1 0 1 650 0.0

	IYR	SOLRAD	XTMIN	XPAR	DEWPT	STMIN	A00
<u>INSTW</u>	<u>JUL</u>	<u>XTMAX</u>	<u>XRAIN</u>	<u>WIND</u>	<u>STMAX</u>	<u>CO2</u>	
PX01	86	87	21.53	38.6	20.3	0.0	0.00 202.2 -0.5 0.0 0.0 350 28-Mar
PX01	86	88	24.11	36.8	18.6	0.0	0.00 127.9 -1.4 0.0 0.0 350 29-Mar
PX01	86	89	23.48	37.4	15.6	0.0	0.00 82.8 1.5 0.0 0.0 350 30-Mar
PX01	86	90	10.93	33.5	18.5	0.0	0.00 121.0 0.6 0.0 0.0 350 31-Mar
PX01	86	91	17.70	31.8	19.6	0.0	0.00 162.0 -2.2 0.0 0.0 350 01-Apr
PX01	86	92	25.03	27.1	14.0	0.0	0.00 358.9 -1.7 0.0 0.0 350 02-Apr
PX01	86	93	26.40	28.8	8.3	0.0	0.00 111.3 0.9 0.0 0.0 350 03-Apr
PX01	86	94	26.54	31.8	10.3	0.0	0.00 141.9 1.1 0.0 0.0 350 04-Apr
PX01	86	95	26.78	35.6	10.5	0.0	0.00 204.3 -0.0 0.0 0.0 350 05-Apr
PX01	86	96	19.96	33.3	12.9	0.0	0.00 202.2 1.5 0.0 0.0 350 06-Apr
PX01	86	97	16.10	30.1	16.6	0.0	0.00 95.6 0.2 0.0 0.0 350 07-Apr
PX01	86	98	26.95	32.9	12.2	0.0	0.00 103.5 -0.9 0.0 0.0 350 08-Apr
PX01	86	99	27.50	35.2	10.4	0.0	0.00 86.0 -2.5 0.0 0.0 350 09-Apr
PX01	86	100	17.10	33.3	13.3	0.0	0.00 108.0 -2.5 0.0 0.0 350 10-Apr
PX01	86	101	24.30	34.9	12.9	0.0	0.00 121.0 -1.7 0.0 0.0 350 11-Apr
PX01	86	102	20.70	35.4	18.7	0.0	0.00 173.0 0.9 0.0 0.0 350 12-Apr
PX01	86	103	27.40	31.9	13.4	0.0	0.00 233.0 -2.2 0.0 0.0 350 13-Apr
PX01	86	104	26.70	35.9	10.6	0.0	0.00 122.0 -1.9 0.0 0.0 350 14-Apr
PX01	86	105	25.50	37.6	16.1	0.0	0.00 145.0 -0.7 0.0 0.0 350 15-Apr
PX01	86	106	24.20	34.6	18.8	0.0	0.00 293.5 -0.9 0.0 0.0 350 16-Apr
PX01	86	107	28.50	28.9	14.2	0.0	0.00 271.5 -3.0 0.0 0.0 350 17-Apr
PX01	86	108	28.70	31.3	8.5	0.0	0.00 165.0 -2.5 0.0 0.0 350 18-Apr
PX01	86	109	28.80	33.9	8.8	0.0	0.00 97.0 -2.5 0.0 0.0 350 19-Apr
PX01	86	110	29.00	36.6	12.5	0.0	0.00 100.0 -1.2 0.0 0.0 350 20-Apr
PX01	86	111	28.70	39.6	15.4	0.0	0.00 120.0 -0.0 0.0 0.0 350 21-Apr
PX01	86	112	26.30	39.4	16.2	0.0	0.00 175.0 -0.2 0.0 0.0 350 22-Apr
PX01	86	113	23.90	36.8	19.1	0.0	0.00 184.0 -0.2 0.0 0.0 350 23-Apr
PX01	86	114	24.80	36.0	18.2	0.0	0.00 287.0 -0.5 0.0 0.0 350 24-Apr
PX01	86	115	26.30	36.0	18.7	0.0	0.00 305.0 -0.7 0.0 0.0 650 25-Apr
PX01	86	116	28.80	34.0	18.8	0.0	0.00 271.8 -1.4 0.0 0.0 650 26-Apr
PX01	86	117	29.90	34.9	12.2	0.0	0.00 112.0 -1.7 0.0 0.0 650 27-Apr
PX01	86	118	28.10	37.5	14.2	0.0	0.00 120.0 -0.7 0.0 0.0 650 28-Apr
PX01	86	119	27.30	37.6	15.5	0.0	0.00 123.0 -0.5 0.0 0.0 650 29-Apr
PX01	86	120	26.40	42.9	15.8	0.0	0.00 125.0 -0.5 0.0 0.0 650 30-Apr
PX01	86	121	25.40	42.3	17.4	0.0	0.00 190.1 -3.5 0.0 0.0 650 01-May
PX01	86	122	28.20	42.0	16.6	0.0	0.00 138.2 -1.2 0.0 0.0 650 02-May
PX01	86	123	28.80	40.0	17.1	0.0	0.00 120.0 -0.7 0.0 0.0 650 03-May
PX01	86	124	30.10	35.5	16.0	0.0	0.00 190.1 -3.3 0.0 0.0 650 04-May
PX01	86	125	29.90	35.2	11.5	0.0	0.00 121.0 -8.6 0.0 0.0 650 05-May
PX01	86	126	27.80	31.8	14.4	0.0	0.00 233.3 1.5 0.0 0.0 650 06-May
PX01	86	127	28.90	25.2	13.1	0.0	0.00 293.8 -0.9 0.0 0.0 650 07-May
PX01	86	128	30.20	29.9	9.3	0.0	0.00 146.9 -1.7 0.0 0.0 650 08-May
PX01	86	129	31.80	32.9	10.8	0.0	0.00 164.2 -3.5 0.0 0.0 650 09-May
PX01	86	130	30.30	35.8	12.8	0.0	0.00 146.9 -3.3 0.0 0.0 650 10-May
PX01	86	131	30.70	37.2	15.0	0.0	0.00 155.5 -2.7 0.0 0.0 650 11-May
PX01	86	132	30.70	36.5	14.0	0.0	0.00 86.4 -3.5 0.0 0.0 650 12-May

INSTW	YR	SOLRAD		XTMIN		XRAIN	XPAR		DEWPT	STMIN		CO2	A00
	JUL		XTMAX		WIND		STMAX						
PX01	86	133	30.40	37.9	15.1	0.0	0.00	120.9	-1.2	0.0	0.0	650	13-May
PX01	86	134	29.10	36.1	15.7	0.0	0.00	138.2	-0.5	0.0	0.0	650	14-May
PX01	86	135	25.50	37.3	17.0	0.0	0.00	207.4	-0.5	0.0	0.0	650	15-May
PX01	86	136	31.20	37.0	18.6	0.0	0.00	207.4	2.5	0.0	0.0	650	16-May
PX01	86	137	30.70	34.1	17.6	0.0	0.00	146.9	-1.9	0.0	0.0	650	17-May
PX01	86	138	30.90	37.9	17.2	0.0	0.00	112.3	-0.7	0.0	0.0	650	18-May
PX01	86	139	30.60	42.1	19.2	0.0	0.00	129.6	1.1	0.0	0.0	650	19-May
PX01	86	140	29.60	41.9	20.4	0.0	0.00	198.7	2.9	0.0	0.0	650	20-May
PX01	86	141	22.63	37.9	21.3	0.0	0.00	190.1	2.3	0.0	0.0	650	21-May
PX01	86	142	29.10	35.9	18.3	0.0	0.00	103.7	2.7	0.0	0.0	650	22-May
PX01	86	143	27.90	37.1	21.1	0.0	0.00	146.9	4.1	0.0	0.0	650	23-May
PX01	86	144	23.10	37.4	20.8	0.0	0.00	95.0	2.1	0.0	0.0	650	24-May
PX01	86	145	29.90	40.6	19.0	0.0	0.00	129.6	2.9	0.0	0.0	650	25-May
PX01	86	146	29.40	40.5	20.4	0.0	0.00	181.4	3.2	0.0	0.0	650	26-May
PX01	86	147	29.80	40.7	20.6	0.0	0.00	129.6	4.3	0.0	0.0	650	27-May
PX01	86	148	28.57	41.5	21.4	0.0	0.00	146.9	6.7	0.0	0.0	650	28-May
PX01	86	149	26.90	40.0	23.7	0.0	0.00	164.2	9.3	0.0	0.0	650	29-May
PX01	86	150	20.00	36.4	24.5	0.0	0.00	172.8	11.6	0.0	0.0	650	30-May
PX01	86	151	25.50	38.3	21.5	0.0	0.00	172.8	13.9	0.0	0.0	650	31-May
PX01	86	152	26.30	40.7	22.0	0.5	0.00	164.2	11.2	0.0	0.0	650	01-Jun
PX01	86	153	25.14	39.6	22.1	0.0	0.00	181.4	12.9	0.0	0.0	650	02-Jun
PX01	86	154	28.73	40.5	23.0	0.0	0.00	164.2	13.5	0.0	0.0	650	03-Jun
PX01	86	155	29.30	39.8	25.3	0.0	0.00	164.2	14.0	0.0	0.0	650	04-Jun
PX01	86	156	29.40	40.1	24.7	0.0	0.00	164.2	12.4	0.0	0.0	650	05-Jun
PX01	86	157	30.60	40.0	19.7	0.0	0.00	103.7	8.2	0.0	0.0	650	06-Jun
PX01	86	158	31.10	40.9	20.4	0.0	0.00	129.6	7.0	0.0	0.0	650	07-Jun
PX01	86	159	31.30	38.8	21.5	0.0	0.00	164.2	4.6	0.0	0.0	650	08-Jun
PX01	86	160	28.70	39.6	20.3	0.0	0.00	181.4	4.6	0.0	0.0	650	09-Jun
PX01	86	161	31.00	39.2	18.7	0.0	0.00	112.3	5.4	0.0	0.0	650	10-Jun
PX01	86	162	30.80	38.8	18.7	0.0	0.00	95.0	8.4	0.0	0.0	650	11-Jun
PX01	86	163	31.00	44.6	21.7	0.0	0.00	120.9	7.4	0.0	0.0	650	12-Jun
PX01	86	164	31.10	43.4	24.9	0.0	0.00	132.0	7.0	0.0	0.0	650	13-Jun
PX01	86	165	31.30	40.9	21.5	0.0	0.00	114.0	10.0	0.0	0.0	650	14-Jun
PX01	86	166	30.14	41.7	24.4	0.0	0.00	129.6	12.0	0.0	0.0	650	15-Jun
PX01	86	167	29.50	41.7	24.4	0.0	0.00	155.5	10.0	0.0	0.0	650	16-Jun
PX01	86	168	29.70	43.0	23.3	0.0	0.00	155.5	12.1	0.0	0.0	650	17-Jun
PX01	86	169	30.60	38.0	22.2	0.0	0.00	172.8	9.2	0.0	0.0	650	18-Jun
PX01	86	170	30.90	38.9	22.3	0.0	0.00	120.0	7.1	0.0	0.0	650	19-Jun
PX01	86	171	31.30	40.4	20.9	0.0	0.00	155.5	7.4	0.0	0.0	650	20-Jun
PX01	86	172	27.70	41.0	21.1	0.0	0.00	121.0	7.1	0.0	0.0	650	21-Jun
PX01	86	173	24.10	38.4	21.2	0.0	0.00	172.8	7.0	0.0	0.0	650	22-Jun
PX01	86	174	29.60	41.2	24.3	0.0	0.00	216.0	11.2	0.0	0.0	650	23-Jun
PX01	86	175	28.90	40.7	26.8	0.0	0.00	337.0	16.3	0.0	0.0	650	24-Jun
PX01	86	176	29.40	35.5	24.4	0.0	0.00	267.8	19.1	0.0	0.0	650	25-Jun
PX01	86	177	29.30	38.1	24.0	0.0	0.00	95.0	18.7	0.0	0.0	650	26-Jun
PX01	86	178	29.70	39.0	26.6	0.0	0.00	138.2	17.6	0.0	0.0	650	27-Jun
PX01	86	179	20.70	38.3	28.6	0.0	0.00	138.2	16.4	0.0	0.0	650	28-Jun
PX01	86	180	13.60	34.1	26.7	0.0	0.00	259.2	15.6	0.0	0.0	650	29-Jun
PX01	86	181	28.30	36.8	24.0	0.0	0.00	138.2	17.4	0.0	0.0	650	30-Jun
PX01	86	182	29.20	37.9	23.9	10.9	0.00	198.7	19.7	0.0	0.0	650	01-Jul
PX01	86	183	28.30	34.1	24.3	14.0	0.00	121.0	23.1	0.0	0.0	650	02-Jul
PX01	86	184	22.90	34.3	24.9	0.0	0.00	130.0	23.1	0.0	0.0	650	03-Jul

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX01	86	185	22.60	34.2	23.5	1.3	0.00	190.1	20.9	0.0	0.0	650	04-Jul
PX01	86	186	30.90	34.8	22.2	0.0	0.00	181.4	15.8	0.0	0.0	650	05-Jul
PX01	86	187	30.70	37.0	21.1	0.0	0.00	181.4	13.0	0.0	0.0	650	06-Jul
PX01	86	188	18.40	36.4	26.2	0.0	0.00	181.4	13.9	0.0	0.0	650	07-Jul
PX01	86	189	29.80	37.8	24.5	0.0	0.00	155.5	16.1	0.0	0.0	650	08-Jul
PX01	86	190	29.80	34.6	25.1	0.0	0.00	172.8	18.7	0.0	0.0	650	09-Jul
PX01	86	191	29.30	36.1	26.8	0.0	0.00	155.5	18.4	0.0	0.0	650	10-Jul
PX01	86	192	29.60	36.6	26.4	0.0	0.00	146.9	17.1	0.0	0.0	650	11-Jul
PX01	86	193	30.40	36.8	25.3	0.0	0.00	164.2	12.6	0.0	0.0	650	12-Jul
PX01	86	194	26.70	36.5	25.1	0.0	0.00	198.7	16.0	0.0	0.0	650	13-Jul
PX01	86	195	22.12	34.6	27.5	0.0	0.00	207.4	18.7	0.0	0.0	650	14-Jul
PX01	86	196	25.80	35.2	25.5	0.0	0.00	198.7	19.9	0.0	0.0	650	15-Jul
PX01	86	197	23.30	33.4	24.4	0.0	0.00	302.4	20.6	0.0	0.0	650	16-Jul
PX01	86	198	30.70	34.1	22.6	0.0	0.00	181.4	20.8	0.0	0.0	650	17-Jul
PX01	86	199	22.43	35.2	25.7	0.0	0.00	138.2	21.0	0.0	0.0	650	18-Jul
PX01	86	200	28.00	38.5	25.5	0.0	0.00	181.4	20.8	0.0	0.0	650	19-Jul
PX01	86	201	26.40	40.1	22.4	0.0	0.00	164.2	18.8	0.0	0.0	650	20-Jul
PX01	86	202	13.41	28.3	20.6	15.2	0.00	146.9	20.7	0.0	0.0	650	21-Jul
PX01	86	203	28.20	33.8	21.0	0.0	0.00	121.0	21.0	0.0	0.0	650	22-Jul
PX01	86	204	19.40	33.4	22.0	0.0	0.00	172.8	19.3	0.0	0.0	650	23-Jul
PX01	86	205	28.70	35.9	24.4	0.0	0.00	241.9	19.5	0.0	0.0	650	24-Jul
PX01	86	206	26.50	35.9	23.2	0.0	0.00	250.6	16.8	0.0	0.0	650	25-Jul
PX01	86	207	29.70	36.9	21.2	0.0	0.00	112.3	14.7	0.0	0.0	650	26-Jul
PX01	86	208	29.40	37.8	19.4	0.0	0.00	103.7	13.3	0.0	0.0	650	27-Jul
PX01	86	209	25.00	38.0	20.3	0.0	0.00	69.1	14.5	0.0	0.0	650	28-Jul
PX01	86	210	28.30	38.3	23.3	0.0	0.00	198.7	15.2	0.0	0.0	650	29-Jul
PX01	86	211	29.10	37.6	20.6	0.0	0.00	146.9	14.1	0.0	0.0	650	30-Jul
PX01	86	212	28.80	39.1	21.5	0.0	0.00	146.9	13.2	0.0	0.0	650	31-Jul
PX01	86	213	27.70	38.1	24.0	0.0	0.00	164.2	15.2	0.0	0.0	650	01-Aug
PX01	86	214	25.40	38.5	28.0	0.0	0.00	181.4	19.0	0.0	0.0	650	02-Aug
PX01	86	215	20.50	39.8	25.8	0.0	0.00	103.7	17.4	0.0	0.0	650	03-Aug
PX01	86	216	27.70	42.5	26.2	0.0	0.00	138.2	16.8	0.0	0.0	650	04-Aug
PX01	86	217	26.20	39.4	27.0	0.0	0.00	129.6	18.1	0.0	0.0	650	05-Aug
PX01	86	218	22.70	35.8	26.4	0.0	0.00	164.2	19.9	0.0	0.0	650	06-Aug
PX01	86	219	27.30	38.1	25.8	2.8	0.00	198.7	19.9	0.0	0.0	650	07-Aug
PX01	86	220	20.24	36.1	25.1	0.0	0.00	172.8	20.2	0.0	0.0	650	08-Aug
PX01	86	221	27.10	38.8	25.7	1.1	0.00	155.5	20.8	0.0	0.0	650	09-Aug
PX01	86	222	25.00	38.3	25.4	0.0	0.00	155.5	21.7	0.0	0.0	650	10-Aug
PX01	86	223	21.90	41.4	25.8	0.0	0.00	172.8	23.5	0.0	0.0	650	11-Aug
PX01	86	224	24.20	38.3	27.4	0.0	0.00	129.6	20.6	0.0	0.0	650	12-Aug
PX01	86	225	26.60	37.7	25.2	0.0	0.00	112.3	21.5	0.0	0.0	650	13-Aug
PX01	86	226	26.50	39.3	26.2	0.0	0.00	138.2	20.6	0.0	0.0	650	14-Aug
PX01	86	227	27.10	39.7	26.6	0.0	0.00	150.0	18.4	0.0	0.0	650	15-Aug
PX01	86	228	26.60	40.1	26.9	0.0	0.00	146.9	19.0	0.0	0.0	650	16-Aug
PX01	86	229	19.70	38.7	28.1	0.0	0.00	198.7	19.4	0.0	0.0	650	17-Aug
PX01	86	230	14.70	39.6	26.7	0.0	0.00	95.0	19.6	0.0	0.0	650	18-Aug
PX01	86	231	25.30	44.5	25.9	0.0	0.00	95.0	18.9	0.0	0.0	650	19-Aug
PX01	86	232	25.00	41.4	26.0	0.0	0.00	112.3	16.7	0.0	0.0	650	20-Aug
PX01	86	233	21.70	43.0	28.0	0.0	0.00	205.0	3.0	0.0	0.0	650	21-Aug
PX01	86	234	26.90	44.7	24.2	0.0	0.00	131.0	3.2	0.0	0.0	650	22-Aug
PX01	86	235	18.70	41.4	24.6	0.0	0.00	241.9	20.0	0.0	0.0	650	23-Aug
PX01	86	236	17.80	34.7	26.1	0.0	0.00	121.0	20.8	0.0	0.0	650	24-Aug

	IYR	SOLRAD	XTMIN	XPAR	DEWPT	STMIN	A00						
INSTW	JUL	XTMAX	XRAIN	WIND	STMAX	CO2							
PX01	86	237	20.90	36.1	22.2	0.5	0.00	152.0	20.6	0.0	0.0	650	25-Aug
PX01	86	238	21.40	34.8	22.9	5.3	0.00	200.0	21.2	0.0	0.0	650	26-Aug
PX01	86	239	19.12	35.6	20.3	23.1	0.00	137.0	20.7	0.0	0.0	650	27-Aug
PX01	86	240	24.20	36.1	22.4	0.8	0.00	178.0	20.6	0.0	0.0	650	28-Aug
PX01	86	241	20.50	35.6	23.6	2.0	0.00	205.0	20.7	0.0	0.0	650	29-Aug
PX01	86	242	24.20	36.1	21.8	0.0	0.00	164.0	20.1	0.0	0.0	650	30-Aug
PX01	86	243	22.80	37.2	25.5	0.0	0.00	164.0	20.4	0.0	0.0	650	31-Aug
PX01	86	244	24.00	36.6	24.3	0.0	0.00	145.0	18.0	0.0	0.0	650	01-Sep
PX01	86	245	24.80	38.1	22.7	0.0	0.00	112.0	16.0	0.0	0.0	650	02-Sep
PX01	86	246	23.70	38.8	21.7	0.0	0.00	112.0	14.2	0.0	0.0	650	03-Sep
PX01	86	247	25.70	40.9	20.9	0.0	0.00	100.0	2.1	0.0	0.0	650	04-Sep
PX01	86	248	25.70	41.1	22.5	0.0	0.00	127.0	2.7	0.0	0.0	650	05-Sep
PX01	86	249	24.20	41.6	22.3	0.0	0.00	130.0	11.6	0.0	0.0	650	06-Sep
PX01	86	250	23.90	42.0	25.6	0.0	0.00	331.4	11.8	0.0	0.0	650	07-Sep
PX01	86	251	14.83	38.7	25.0	0.0	0.00	207.0	14.9	0.0	0.0	650	08-Sep
PX01	86	252	20.87	40.5	24.6	0.0	0.00	271.5	-0.7	0.0	0.0	650	09-Sep
PX01	86	253	21.10	32.1	18.3	0.0	0.00	260.9	13.3	0.0	0.0	650	10-Sep
PX01	86	254	22.50	35.6	13.9	0.0	0.00	125.0	7.4	0.0	0.0	650	11-Sep
PX01	86	255	17.90	36.1	17.9	0.0	0.00	145.0	10.1	0.0	0.0	650	12-Sep
PX01	86	256	17.80	34.8	19.4	0.0	0.00	157.0	8.6	0.0	0.0	650	13-Sep
PX01	86	257	22.40	36.7	16.6	0.0	0.00	185.0	7.5	0.0	0.0	650	14-Sep
PX01	86	258	20.72	36.5	19.4	0.0	0.00	147.0	8.9	0.0	0.0	650	15-Sep
PX01	86	259	21.20	34.7	15.6	0.0	0.00	136.0	8.2	0.0	0.0	650	16-Sep
PX01	86	260	21.30	34.6	16.9	0.0	0.00	126.0	7.5	0.0	0.0	650	17-Sep
PX01	86	261	20.10	32.6	15.7	0.0	0.00	120.0	8.5	0.0	0.0	650	18-Sep
PX01	86	262	20.80	35.0	16.6	0.0	0.00	112.3	8.1	0.0	0.0	650	19-Sep
PX01	86	263	18.50	34.4	18.1	0.0	0.00	112.3	9.8	0.0	0.0	650	20-Sep
PX01	86	264	7.50	28.5	16.1	0.0	0.00	69.1	10.0	0.0	0.0	650	21-Sep
PX01	86	265	6.60	27.9	20.1	0.0	0.00	112.3	12.3	0.0	0.0	650	22-Sep
PX01	86	266	5.44	25.4	13.4	9.7	0.00	77.8	16.2	0.0	0.0	650	23-Sep
PX01	86	267	18.80	24.5	11.2	0.0	0.00	60.5	10.6	0.0	0.0	650	24-Sep
PX01	86	268	18.60	26.7	13.4	0.5	0.00	65.0	10.6	0.0	0.0	650	25-Sep
PX01	86	269	18.20	29.2	15.7	0.0	0.00	69.1	11.5	0.0	0.0	650	26-Sep
PX01	86	270	21.60	31.4	12.4	0.0	0.00	86.4	10.9	0.0	0.0	650	27-Sep
PX01	86	271	21.30	31.8	13.8	0.0	0.00	95.0	9.4	0.0	0.0	650	28-Sep
PX01	86	272	19.90	30.0	13.0	0.0	0.00	51.8	8.2	0.0	0.0	650	29-Sep
PX01	86	273	20.60	31.6	12.4	0.0	0.00	69.1	8.4	0.0	0.0	650	30-Sep
PX01	86	274	21.20	32.9	12.9	0.0	0.00	250.6	7.1	0.0	0.0	650	01-Oct
PX01	86	275	19.00	28.8	16.3	0.0	0.00	181.4	8.5	0.0	0.0	650	02-Oct
PX01	86	276	17.86	28.2	14.9	0.0	0.00	112.3	8.6	0.0	0.0	650	03-Oct



FILENAME: PX140308.W86

WEATHER DATA FOR CO2=650, IRR=WET, NIT=+, REP=#2

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC     ↓     CO2YR WINDYR  
 PX14 33.40 112.00 2.30 0 1 1 0 1 650 0.0

	IYR	SOLRAD	XTMIN	XPAR	DEWPT	STMIN	A00			
<u>INSTW</u>	<u>JUL</u>	<u>XTMAX</u>	<u>XRAIN</u>	<u>WIND</u>	<u>STMAX</u>	<u>CO2</u>				
PX14 86 87	21.53	38.6	20.3	0.0	0.00	202.2	-0.5	0.0	350	28-Mar
PX14 86 88	24.11	36.8	18.6	0.0	0.00	127.9	-1.4	0.0	350	29-Mar
PX14 86 89	23.48	37.4	15.6	0.0	0.00	82.8	1.5	0.0	350	30-Mar
PX14 86 90	10.93	33.5	18.5	0.0	0.00	121.0	0.6	0.0	350	31-Mar
PX14 86 91	17.70	31.8	19.6	0.0	0.00	162.0	-2.2	0.0	350	01-Apr
PX14 86 92	25.03	27.1	14.0	0.0	0.00	358.9	-1.7	0.0	350	02-Apr
PX14 86 93	26.40	28.8	8.3	0.0	0.00	111.3	0.9	0.0	350	03-Apr
PX14 86 94	26.54	31.8	10.3	0.0	0.00	141.9	1.1	0.0	350	04-Apr
PX14 86 95	26.78	35.6	10.5	0.0	0.00	204.3	-0.0	0.0	350	05-Apr
PX14 86 96	19.96	33.3	12.9	0.0	0.00	202.2	1.5	0.0	350	06-Apr
PX14 86 97	16.10	30.1	16.6	0.0	0.00	95.6	0.2	0.0	350	07-Apr
PX14 86 98	26.95	32.9	12.2	0.0	0.00	103.5	-0.9	0.0	350	08-Apr
PX14 86 99	27.50	33.7	12.0	0.0	0.00	86.0	1.9	0.0	350	09-Apr
PX14 86 100	17.10	32.1	14.6	0.0	0.00	108.0	1.9	0.0	350	10-Apr
PX14 86 101	24.30	33.5	14.3	0.0	0.00	121.0	2.5	0.0	350	11-Apr
PX14 86 102	20.70	34.0	19.3	0.0	0.00	173.0	2.7	0.0	350	12-Apr
PX14 86 103	27.40	30.8	14.7	0.0	0.00	233.0	1.9	0.0	350	13-Apr
PX14 86 104	26.70	34.4	11.7	0.0	0.00	122.0	2.3	0.0	350	14-Apr
PX14 86 105	25.50	35.8	17.1	0.0	0.00	145.0	3.6	0.0	350	15-Apr
PX14 86 106	24.20	33.2	19.4	0.0	0.00	293.5	3.0	0.0	350	16-Apr
PX14 86 107	28.50	28.2	15.4	0.0	0.00	271.5	1.1	0.0	350	17-Apr
PX14 86 108	28.70	30.3	10.4	0.0	0.00	165.0	1.5	0.0	350	18-Apr
PX14 86 109	28.80	32.6	10.6	0.0	0.00	97.0	1.9	0.0	350	19-Apr
PX14 86 110	29.00	35.0	13.9	0.0	0.00	100.0	3.0	0.0	350	20-Apr
PX14 86 111	28.70	37.5	16.5	0.0	0.00	120.0	4.1	0.0	350	21-Apr
PX14 86 112	26.30	37.2	17.2	0.0	0.00	175.0	3.9	0.0	350	22-Apr
PX14 86 113	23.90	35.2	19.8	0.0	0.00	184.0	3.9	0.0	350	23-Apr
PX14 86 114	24.80	34.4	19.5	0.0	0.00	287.0	3.8	0.0	350	24-Apr
PX14 86 115	26.30	34.4	19.5	0.0	0.00	305.0	3.4	0.0	650	25-Apr
PX14 86 116	28.80	32.7	19.4	0.0	0.00	271.8	2.9	0.0	650	26-Apr
PX14 86 117	29.90	33.5	13.6	0.0	0.00	112.0	2.5	0.0	650	27-Apr
PX14 86 118	28.10	35.8	15.4	0.0	0.00	120.0	3.4	0.0	650	28-Apr
PX14 86 119	27.30	35.8	16.6	0.0	0.00	123.0	3.6	0.0	650	29-Apr
PX14 86 120	26.40	41.1	16.9	0.0	0.00	125.0	3.8	0.0	650	30-Apr
PX14 86 121	25.40	41.7	17.6	0.0	0.00	190.1	5.0	0.0	650	01-May
PX14 86 122	28.20	42.2	16.6	0.0	0.00	138.2	6.1	0.0	650	02-May
PX14 86 123	28.80	40.6	17.4	0.0	0.00	120.0	3.6	0.0	650	03-May
PX14 86 124	30.14	33.7	18.0	0.0	0.00	190.1	1.7	0.0	650	04-May
PX14 86 125	29.90	33.8	14.4	0.0	0.00	121.0	-0.5	0.0	650	05-May
PX14 86 126	27.80	31.6	16.6	0.0	0.00	233.3	3.6	0.0	650	06-May
PX14 86 127	28.90	24.7	13.6	0.0	0.00	293.8	0.9	0.0	650	07-May
PX14 86 128	30.20	29.5	10.2	0.0	0.00	146.9	1.1	0.0	650	08-May
PX14 86 129	31.80	32.2	11.8	0.0	0.00	164.1	1.7	0.0	650	09-May
PX14 86 130	30.27	35.3	13.8	0.0	0.00	146.9	1.7	0.0	650	10-May
PX14 86 131	30.70	36.3	15.8	0.0	0.00	155.5	6.5	0.0	650	11-May
PX14 86 132	30.70	36.0	15.2	0.0	0.00	86.4	0.6	0.0	650	12-May

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX14	86	133	30.40	37.3	16.0	0.0	0.00	120.9	0.9	0.0	0.0	650	13-May
PX14	86	134	29.10	35.6	16.7	0.0	0.00	138.2	2.3	0.0	0.0	650	14-May
PX14	86	135	25.50	36.7	17.7	0.0	0.00	207.4	1.1	0.0	0.0	650	15-May
PX14	86	136	31.20	37.0	17.0	0.0	0.00	207.4	-0.0	0.0	0.0	650	16-May
PX14	86	137	30.70	33.7	18.3	0.0	0.00	146.9	-1.2	0.0	0.0	650	17-May
PX14	86	138	30.90	37.5	18.0	0.0	0.00	112.3	-0.5	0.0	0.0	650	18-May
PX14	86	139	30.60	41.7	20.3	0.0	0.00	129.6	0.4	0.0	0.0	650	19-May
PX14	86	140	29.60	42.4	21.2	0.0	0.00	198.7	3.4	0.0	0.0	650	20-May
PX14	86	141	22.63	36.7	21.7	0.0	0.00	190.1	4.1	0.0	0.0	650	21-May
PX14	86	142	29.10	35.3	18.0	0.0	0.00	103.7	2.3	0.0	0.0	650	22-May
PX14	86	143	27.90	36.6	19.9	0.0	0.00	146.9	5.3	0.0	0.0	650	23-May
PX14	86	144	23.10	36.9	19.4	0.0	0.00	95.0	4.6	0.0	0.0	650	24-May
PX14	86	145	29.90	39.8	20.1	0.0	0.00	129.6	4.3	0.0	0.0	650	25-May
PX14	86	146	29.40	40.0	21.3	0.0	0.00	181.4	5.6	0.0	0.0	650	26-May
PX14	86	147	29.80	39.7	21.5	0.0	0.00	129.6	7.4	0.0	0.0	650	27-May
PX14	86	148	28.57	40.7	22.3	0.0	0.00	146.9	10.0	0.0	0.0	650	28-May
PX14	86	149	26.90	39.2	24.4	0.0	0.00	164.2	13.1	0.0	0.0	650	29-May
PX14	86	150	20.00	35.6	24.9	0.0	0.00	172.8	14.5	0.0	0.0	650	30-May
PX14	86	151	25.50	37.2	21.8	0.0	0.00	172.8	15.0	0.0	0.0	650	31-May
PX14	86	152	26.30	39.5	22.3	0.5	0.00	164.2	13.2	0.0	0.0	650	01-Jun
PX14	86	153	25.14	38.8	22.9	0.0	0.00	181.4	15.2	0.0	0.0	650	02-Jun
PX14	86	154	28.73	39.7	23.2	0.0	0.00	164.2	16.4	0.0	0.0	650	03-Jun
PX14	86	155	29.30	38.6	25.5	0.0	0.00	164.2	17.3	0.0	0.0	650	04-Jun
PX14	86	156	29.40	38.9	24.3	0.0	0.00	164.2	16.4	0.0	0.0	650	05-Jun
PX14	86	157	30.60	39.9	20.9	0.0	0.00	103.7	11.8	0.0	0.0	650	06-Jun
PX14	86	158	31.10	38.6	21.5	0.0	0.00	129.6	9.7	0.0	0.0	650	07-Jun
PX14	86	159	31.30	39.1	20.7	0.0	0.00	164.2	7.8	0.0	0.0	650	08-Jun
PX14	86	160	28.70	39.6	19.4	0.0	0.00	181.4	7.4	0.0	0.0	650	09-Jun
PX14	86	161	31.00	39.6	19.4	0.0	0.00	112.3	10.0	0.0	0.0	650	10-Jun
PX14	86	162	30.80	38.7	19.2	0.0	0.00	95.0	11.3	0.0	0.0	650	11-Jun
PX14	86	163	31.00	43.1	21.0	0.0	0.00	120.9	7.7	0.0	0.0	650	12-Jun
PX14	86	164	31.10	41.9	23.7	0.0	0.00	132.0	7.4	0.0	0.0	650	13-Jun
PX14	86	165	31.30	39.5	22.1	0.0	0.00	114.0	11.8	0.0	0.0	650	14-Jun
PX14	86	166	30.14	40.2	24.7	0.0	0.00	129.6	14.8	0.0	0.0	650	15-Jun
PX14	86	167	29.50	40.0	24.7	0.0	0.00	155.5	11.6	0.0	0.0	650	16-Jun
PX14	86	168	29.70	41.4	21.9	0.0	0.00	155.5	14.1	0.0	0.0	650	17-Jun
PX14	86	169	30.60	37.2	23.1	0.0	0.00	172.8	11.3	0.0	0.0	650	18-Jun
PX14	86	170	30.90	37.7	22.8	0.0	0.00	120.0	10.0	0.0	0.0	650	19-Jun
PX14	86	171	31.30	38.8	21.6	0.0	0.00	155.5	10.5	0.0	0.0	650	20-Jun
PX14	86	172	27.70	38.7	21.9	0.0	0.00	121.0	11.4	0.0	0.0	650	21-Jun
PX14	86	173	24.10	37.3	21.9	0.0	0.00	172.8	11.4	0.0	0.0	650	22-Jun
PX14	86	174	29.60	39.6	24.9	0.0	0.00	216.0	10.4	0.0	0.0	650	23-Jun
PX14	86	175	28.90	40.2	27.3	0.0	0.00	337.0	15.8	0.0	0.0	650	24-Jun
PX14	86	176	29.40	37.6	26.3	0.0	0.00	267.8	17.9	0.0	0.0	650	25-Jun
PX14	86	177	29.30	39.9	25.6	0.0	0.00	95.0	20.0	0.0	0.0	650	26-Jun
PX14	86	178	29.70	37.8	27.4	0.0	0.00	138.2	18.8	0.0	0.0	650	27-Jun
PX14	86	179	20.70	37.1	28.6	0.0	0.00	138.2	17.5	0.0	0.0	650	28-Jun
PX14	86	180	13.60	33.6	27.0	0.0	0.00	259.2	16.7	0.0	0.0	650	29-Jun
PX14	86	181	28.30	38.4	24.3	0.0	0.00	138.2	19.5	0.0	0.0	650	30-Jun
PX14	86	182	29.20	36.6	23.5	10.9	0.00	198.7	19.6	0.0	0.0	650	01-Jul
PX14	86	183	28.30	34.7	24.2	14.0	0.00	121.0	22.5	0.0	0.0	650	02-Jul
PX14	86	184	22.90	35.1	24.5	0.0	0.00	130.0	22.6	0.0	0.0	650	03-Jul

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX14	86	185	22.60	33.3	23.6	1.3	0.00	190.1	20.5	0.0	0.0	650	04-Jul
PX14	86	186	30.90	34.5	23.1	0.0	0.00	181.4	15.4	0.0	0.0	650	05-Jul
PX14	86	187	30.70	35.5	21.2	0.0	0.00	181.4	13.1	0.0	0.0	650	06-Jul
PX14	86	188	18.40	35.7	26.2	0.0	0.00	181.4	14.6	0.0	0.0	650	07-Jul
PX14	86	189	29.80	37.1	25.2	0.0	0.00	155.5	16.8	0.0	0.0	650	08-Jul
PX14	86	190	29.80	35.5	26.5	0.0	0.00	172.8	18.9	0.0	0.0	650	09-Jul
PX14	86	191	29.30	35.8	27.3	0.0	0.00	155.5	18.9	0.0	0.0	650	10-Jul
PX14	86	192	29.60	36.3	26.8	0.0	0.00	146.9	18.3	0.0	0.0	650	11-Jul
PX14	86	193	30.40	36.1	25.5	0.0	0.00	164.2	14.5	0.0	0.0	650	12-Jul
PX14	86	194	26.70	35.9	25.3	0.0	0.00	198.7	17.6	0.0	0.0	650	13-Jul
PX14	86	195	22.12	34.2	25.7	0.0	0.00	207.4	20.6	0.0	0.0	650	14-Jul
PX14	86	196	25.80	34.7	23.9	0.0	0.00	198.7	21.5	0.0	0.0	650	15-Jul
PX14	86	197	23.30	34.8	22.8	0.0	0.00	302.4	20.4	0.0	0.0	650	16-Jul
PX14	86	198	30.70	34.2	25.0	0.0	0.00	181.4	21.7	0.0	0.0	650	17-Jul
PX14	86	199	22.40	34.9	24.3	0.0	0.00	138.2	21.2	0.0	0.0	650	18-Jul
PX14	86	200	28.00	37.7	26.0	0.0	0.00	181.4	19.4	0.0	0.0	650	19-Jul
PX14	86	201	26.40	39.1	22.5	0.0	0.00	164.2	17.3	0.0	0.0	650	20-Jul
PX14	86	202	13.41	27.8	20.7	15.2	0.00	146.9	20.7	0.0	0.0	650	21-Jul
PX14	86	203	28.20	32.0	21.1	0.0	0.00	121.0	20.9	0.0	0.0	650	22-Jul
PX14	86	204	19.40	33.1	22.0	0.0	0.00	172.8	19.1	0.0	0.0	650	23-Jul
PX14	86	205	28.70	35.9	24.7	0.0	0.00	241.9	20.2	0.0	0.0	650	24-Jul
PX14	86	206	26.50	36.2	23.5	0.0	0.00	250.6	18.4	0.0	0.0	650	25-Jul
PX14	86	207	29.70	37.2	21.6	0.0	0.00	112.3	17.5	0.0	0.0	650	26-Jul
PX14	86	208	29.40	38.0	20.6	0.0	0.00	103.7	15.2	0.0	0.0	650	27-Jul
PX14	86	209	25.00	37.9	21.2	0.0	0.00	69.1	14.8	0.0	0.0	650	28-Jul
PX14	86	210	28.30	38.4	23.9	0.0	0.00	198.7	15.6	0.0	0.0	650	29-Jul
PX14	86	211	29.10	38.3	22.2	0.0	0.00	146.9	13.4	0.0	0.0	650	30-Jul
PX14	86	212	28.80	40.0	22.4	0.0	0.00	146.9	13.1	0.0	0.0	650	31-Jul
PX14	86	213	27.70	37.9	24.8	0.0	0.00	164.2	15.0	0.0	0.0	650	01-Aug
PX14	86	214	25.40	38.4	28.2	0.0	0.00	181.4	18.7	0.0	0.0	650	02-Aug
PX14	86	215	20.50	39.1	26.6	0.0	0.00	103.7	17.7	0.0	0.0	650	03-Aug
PX14	86	216	27.70	41.3	27.1	0.0	0.00	138.2	17.0	0.0	0.0	650	04-Aug
PX14	86	217	26.20	39.1	27.4	0.0	0.00	129.6	17.9	0.0	0.0	650	05-Aug
PX14	86	218	22.70	36.7	27.4	0.0	0.00	164.2	19.2	0.0	0.0	650	06-Aug
PX14	86	219	27.30	38.7	27.0	2.8	0.00	198.7	18.6	0.0	0.0	650	07-Aug
PX14	86	220	20.24	36.3	26.1	0.0	0.00	172.8	19.1	0.0	0.0	650	08-Aug
PX14	86	221	27.10	38.7	26.5	1.1	0.00	155.5	19.1	0.0	0.0	650	09-Aug
PX14	86	222	25.00	38.2	26.0	0.0	0.00	155.5	21.3	0.0	0.0	650	10-Aug
PX14	86	223	21.90	39.6	27.2	0.0	0.00	172.8	22.1	0.0	0.0	650	11-Aug
PX14	86	224	24.20	37.7	27.6	0.0	0.00	129.6	21.9	0.0	0.0	650	12-Aug
PX14	86	225	26.60	39.3	26.3	0.0	0.00	112.3	22.4	0.0	0.0	650	13-Aug
PX14	86	226	26.50	39.6	27.3	0.0	0.00	138.2	21.3	0.0	0.0	650	14-Aug
PX14	86	227	27.10	39.3	28.8	0.0	0.00	150.0	19.0	0.0	0.0	650	15-Aug
PX14	86	228	26.60	39.6	27.3	0.0	0.00	146.9	20.1	0.0	0.0	650	16-Aug
PX14	86	229	19.70	38.4	28.2	0.0	0.00	198.7	20.9	0.0	0.0	650	17-Aug
PX14	86	230	14.70	38.4	26.9	0.0	0.00	95.0	19.8	0.0	0.0	650	18-Aug
PX14	86	231	25.30	43.5	26.5	0.0	0.00	95.0	18.7	0.0	0.0	650	19-Aug
PX14	86	232	25.00	41.9	28.0	0.0	0.00	112.3	19.2	0.0	0.0	650	20-Aug
PX14	86	233	21.70	45.9	30.0	0.0	0.00	205.0	7.3	0.0	0.0	650	21-Aug
PX14	86	234	26.90	46.5	26.1	0.0	0.00	131.0	7.4	0.0	0.0	650	22-Aug
PX14	86	235	18.70	40.5	26.5	0.0	0.00	241.9	16.2	0.0	0.0	650	23-Aug
PX14	86	236	17.80	34.9	24.6	0.0	0.00	121.0	19.9	0.0	0.0	650	24-Aug

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX14	86	237	20.90	37.1	22.9	0.5	0.00	200.0	19.7	0.0	0.0	650	25-Aug
PX14	86	238	21.40	34.8	23.2	5.4	0.00	152.0	20.9	0.0	0.0	650	26-Aug
PX14	86	239	19.12	35.3	23.6	23.1	0.00	137.0	21.5	0.0	0.0	650	27-Aug
PX14	86	240	24.20	36.1	24.1	0.8	0.00	178.0	20.3	0.0	0.0	650	28-Aug
PX14	86	241	20.50	34.9	24.2	2.0	0.00	205.0	20.4	0.0	0.0	650	29-Aug
PX14	86	242	24.20	34.8	22.9	0.0	0.00	164.0	19.7	0.0	0.0	650	30-Aug
PX14	86	243	22.80	36.3	26.1	0.0	0.00	164.0	20.1	0.0	0.0	650	31-Aug
PX14	86	244	24.00	36.0	24.9	0.0	0.00	145.0	17.6	0.0	0.0	650	01-Sep
PX14	86	245	24.80	37.6	23.8	0.0	0.00	112.0	15.8	0.0	0.0	650	02-Sep
PX14	86	246	23.70	37.8	22.7	0.0	0.00	112.0	14.6	0.0	0.0	650	03-Sep
PX14	86	247	25.70	42.2	23.9	0.0	0.00	100.0	6.2	0.0	0.0	650	04-Sep
PX14	86	248	25.70	43.1	25.7	0.0	0.00	127.0	6.8	0.0	0.0	650	05-Sep
PX14	86	249	24.20	40.7	23.4	0.0	0.00	130.0	12.2	0.0	0.0	650	06-Sep
PX14	86	250	23.90	41.5	26.5	0.0	0.00	331.4	12.0	0.0	0.0	650	07-Sep
PX14	86	251	14.83	37.2	25.7	0.0	0.00	207.0	15.7	0.0	0.0	650	08-Sep
PX14	86	252	20.87	38.5	24.6	0.0	0.00	271.5	3.4	0.0	0.0	650	09-Sep
PX14	86	253	21.10	33.2	19.5	0.0	0.00	260.9	12.9	0.0	0.0	650	10-Sep
PX14	86	254	22.50	34.8	15.5	0.0	0.00	125.0	6.7	0.0	0.0	650	11-Sep
PX14	86	255	17.90	35.7	19.3	0.0	0.00	145.0	9.5	0.0	0.0	650	12-Sep
PX14	86	256	17.80	34.3	20.5	0.0	0.00	157.0	8.2	0.0	0.0	650	13-Sep
PX14	86	257	22.40	35.4	17.6	0.0	0.00	185.0	6.8	0.0	0.0	650	14-Sep
PX14	86	258	20.72	35.5	19.9	0.0	0.00	147.0	8.5	0.0	0.0	650	15-Sep
PX14	86	259	21.20	35.4	16.2	0.0	0.00	136.0	8.0	0.0	0.0	650	16-Sep
PX14	86	260	21.30	34.0	17.5	0.0	0.00	126.0	8.4	0.0	0.0	650	17-Sep
PX14	86	261	20.10	35.2	18.2	0.0	0.00	120.0	8.6	0.0	0.0	650	18-Sep
PX14	86	262	20.80	35.2	18.0	0.0	0.00	112.3	9.7	0.0	0.0	650	19-Sep
PX14	86	263	18.50	35.9	19.9	0.0	0.00	112.3	8.1	0.0	0.0	650	20-Sep
PX14	86	264	7.50	28.7	17.2	0.0	0.00	69.1	11.4	0.0	0.0	650	21-Sep
PX14	86	265	6.60	28.1	20.3	0.0	0.00	112.3	13.3	0.0	0.0	650	22-Sep
PX14	86	266	5.44	25.7	16.2	9.7	0.00	77.8	16.0	0.0	0.0	650	23-Sep
PX14	86	267	18.80	24.4	11.7	0.0	0.00	60.5	10.6	0.0	0.0	650	24-Sep
PX14	86	268	18.60	26.7	13.7	0.5	0.00	65.0	11.3	0.0	0.0	650	25-Sep
PX14	86	269	18.20	29.0	15.7	0.0	0.00	69.1	12.0	0.0	0.0	650	26-Sep
PX14	86	270	21.60	29.6	12.9	0.0	0.00	86.4	11.1	0.0	0.0	650	27-Sep
PX14	86	271	21.30	31.4	14.2	0.0	0.00	95.0	8.9	0.0	0.0	650	28-Sep
PX14	86	272	19.90	30.1	13.5	0.0	0.00	51.8	7.8	0.0	0.0	650	29-Sep
PX14	86	273	20.60	30.0	13.8	0.0	0.00	69.1	8.6	0.0	0.0	650	30-Sep
PX14	86	274	21.20	35.6	13.5	0.0	0.00	250.6	9.4	0.0	0.0	650	01-Oct
PX14	86	275	19.00	29.4	17.1	0.0	0.00	181.4	7.8	0.0	0.0	650	02-Oct
PX14	86	276	17.86	28.3	16.1	0.0	0.00	112.3	7.8	0.0	0.0	650	03-Oct

FILENAME: AVONDALE.CT2

SOIL PROFILE PROPERTIES FOR AVONDALE LOAM  
(ALL PLOTS EXCEPT LYSIMETERS & GRAVEL LAYER)

IDUMSL	PEDON	TAXON										
01	-9	AVONDALE LOAM (FINE-LOAMY, MIXED (CALCAREOUS), HYPERTHERMIC.										
SALB	U	SWCON	CN2	TAV	AMP	DMOD	SWCON1	SWCON2	SWCON3	RWUMX	PHFAC3	
0.14	12.00	0.32	80.00	21.8	22.2	1.0	0.267E-02	58.0	6.68	0.03	1.00	

DLAYR	LL	DUL	SAT	DSW	WR	BD	OC	DNH4	DNO3	DPH
5.	0.152	0.272	0.370	0.272	1.000	1.45	0.45	0.0	20.0	7.7
5.	0.153	0.272	0.360	0.272	0.861	1.50	0.45	0.0	20.0	7.7
10.	0.159	0.279	0.360	0.279	0.741	1.52	0.45	0.0	20.0	7.7
10.	0.164	0.285	0.365	0.285	0.607	1.51	0.45	0.0	16.0	7.7
20.	0.164	0.288	0.369	0.288	0.449	1.50	0.30	0.0	13.0	8.0
20.	0.163	0.289	0.372	0.289	0.301	1.48	0.20	0.0	10.0	8.0
30.	0.159	0.285	0.371	0.285	0.183	1.48	0.10	0.0	10.0	8.0
30.	0.172	0.298	0.379	0.298	0.100	1.47	0.00	0.0	10.0	8.0
30.	0.189	0.316	0.390	0.316	0.055	1.46	0.00	0.0	10.0	8.0
30.	0.189	0.316	0.390	0.316	0.030	1.46	0.00	0.0	10.0	8.0

-1.

ROCK	SILT		SCOND								
	SAND	CLAY	CATEXC	ALPHA	XN	VGTHS	VGTHR				
0.0	34.6	43.9	21.5	20.0	287.0	3.380	1.184	0.384	0.043		
0.0	34.6	43.9	21.5	15.0	287.0	3.380	1.184	0.371	0.042		
0.0	31.4	45.9	22.8	10.0	305.0	3.380	1.184	0.366	0.041		
0.0	28.1	47.9	24.0	7.0	321.0	3.380	1.184	0.369	0.041		
0.0	27.4	47.7	24.9	7.2	333.0	3.380	1.184	0.371	0.042		
0.0	29.1	45.7	25.3	7.3	338.0	3.380	1.184	0.376	0.042		
0.0	34.4	40.6	25.1	7.3	335.0	3.380	1.184	0.376	0.042		
0.0	36.2	35.1	28.8	7.3	385.0	3.380	1.184	0.379	0.042		
0.0	29.4	37.5	33.0	7.3	441.0	3.380	1.184	0.381	0.043		
0.0	29.4	37.5	33.0	7.3	441.0	3.380	1.184	0.381	0.043		

DATAID  
AVONDALE LOAM (FINE-LOAMY, MIXED (CALCAREOUS), HYPERTHERMIC.

LYRSOL  
1

DIFF0	THETA0	BETA	GLAYR	THETAS	FC	THETAR	AIRDR	ETA	GBD	PSIBUB
0.18E-08	0.145	34.0	0.19E+03	0.45	0.26	0.23	0.03	2.90	1.49	1.00
0.18E-08	0.145	34.0		0.45	0.26	0.23	0.03	2.90	1.49	1.00
0.18E-08	0.145	34.0		0.45	0.26	0.23	0.03	2.90	1.49	1.00

TD	THETA1	BDSLOP	BDRATO	PSISFC
47	0.240	0.00	1.00	33.0

SNAME  
Norfolk silt loam

NCURVE  
7

INRIM GH2OC  
6 0.05

TSTBD TSTIMP  
0.9 0.1  
1.1 5.4  
1.3 16.2  
1.5 36.0  
1.7 62.0  
1.9 93.0

INRIM GH2OC  
6 0.07

TSTBD TSTIMP  
0.9 0.1  
1.1 2.5  
1.3 7.8  
1.5 22.6  
1.7 44.5  
1.9 71.3

INRIM GH2OC  
6 0.09

TSTBD TSTIMP  
0.9 0.1  
1.1 1.0  
1.3 2.3  
1.5 12.8  
1.7 30.4  
1.9 52.6

INRIM GH2OC  
6 0.11

TSTBD TSTIMP  
0.9 0.1  
1.1 0.9  
1.3 1.7  
1.5 7.5  
1.7 21.5  
1.9 31.2

INRIM GH2OC  
6      0.13

TSTBD   TSTIMP  
0.9      0.1  
1.1      0.5  
1.3      1.0  
1.5      5.6  
1.7      15.2  
1.9      29.8

INRIM GH2OC  
6      0.15

TSTBD   TSTIMP  
0.9      0.1  
1.1      0.2  
1.3      0.5  
1.5      4.9  
1.7      13.9  
1.9      27.7

INRIM GH2OC  
6      0.30

TSTBD   TSTIMP  
0.9      0.1  
1.1      0.2  
1.3      0.5  
1.5      0.9  
1.7      1.1  
1.9      1.3

FILENAME: AVONGRAV.CT2

SOIL PROFILE PROPERTIES FOR AVONDALE LOAM  
WITH GRAVEL LAYER (PLOTS 13-16)

IDUMSL	PEDON	TAXON									
01	-9	AVONDALE LOAM WITH GRAVEL FROM 100-130 CM DEEP.									
SALB	U	SWCON	CN2	TAV	AMP	DMOD	SWCON1	SWCON2	SWCON3	RWUMX	PHFAC3
0.14	12.00	0.32	80.00	21.8	22.2	1.0	0.267E-02	58.0	6.68	0.03	1.00

DLAYR	LL	DUL	SAT	DSW	WR	BD	OC	DNH4	DNO3	DPH
5.	0.152	0.272	0.370	0.272	1.000	1.45	0.45	0.0	20.0	7.7
5.	0.153	0.272	0.360	0.272	0.861	1.50	0.45	0.0	20.0	7.7
10.	0.159	0.279	0.360	0.279	0.741	1.52	0.45	0.0	20.0	7.7
10.	0.164	0.285	0.365	0.285	0.607	1.51	0.45	0.0	16.0	7.7
20.	0.164	0.288	0.369	0.288	0.449	1.50	0.30	0.0	13.0	8.0
20.	0.163	0.289	0.372	0.289	0.301	1.48	0.20	0.0	10.0	8.0
30.	0.159	0.285	0.371	0.285	0.183	1.48	0.10	0.0	10.0	8.0
30.	0.086	0.149	0.190	0.149	0.050	2.10	0.00	0.0	5.0	8.0
30.	0.189	0.316	0.390	0.316	0.055	1.46	0.00	0.0	10.0	8.0
30.	0.189	0.316	0.390	0.316	0.030	1.46	0.00	0.0	10.0	8.0

-1.

ROCK	SILT		SCOND								
	SAND	CLAY	CATEXC	ALPHA	XN	VGTHS	VGTHR				
0.0	34.6	43.9	21.5	20.0	287.0	3.380	1.184	0.384	0.043		
0.0	34.6	43.9	21.5	15.0	287.0	3.380	1.184	0.371	0.042		
0.0	31.4	45.9	22.8	10.0	305.0	3.380	1.184	0.366	0.041		
0.0	28.1	47.9	24.0	7.0	321.0	3.380	1.184	0.369	0.041		
0.0	27.4	47.7	24.9	7.2	333.0	3.380	1.184	0.371	0.042		
0.0	29.1	45.7	25.3	7.3	338.0	3.380	1.184	0.376	0.042		
0.0	34.4	40.6	25.1	7.3	335.0	3.380	1.184	0.376	0.042		
50.0	18.1	17.6	14.4	3.7	193.0	3.380	1.184	0.190	0.021		
0.0	29.4	37.5	33.0	7.3	441.0	3.380	1.184	0.381	0.043		
0.0	29.4	37.5	33.0	7.3	441.0	3.380	1.184	0.381	0.043		

DATAID

AVONDALE LOAM WITH GRAVEL FROM 100-130 CM DEEP.

LYRSOL

3

DIFFO	THETA0	BETA	GLAYR	THETAS	FC	THETAR	AIRDR	ETA	GBD	PSIBUB
0.18E-08	0.145	34.0	0.10E+03	0.45	0.26	0.23	0.03	2.90	1.49	1.00
0.09E-08	0.072	34.0	0.30E+02	0.22	0.13	0.11	0.015	2.90	2.10	1.00
0.18E-08	0.145	34.0	0.60E+02	0.45	0.26	0.23	0.03	2.90	1.49	1.00
0.18E-08	0.145	34.0		0.45	0.26	0.23	0.03	2.90	1.49	1.00
0.18E-08	0.145	34.0		0.45	0.26	0.23	0.03	2.90	1.49	1.00

TD	THETA1	BDSLOP	BDRATO	PSISFC
47	0.240	0.00	1.00	33.0



SNAME  
Norfolk silt loam

NCURVE  
7

INRIM GH2OC  
6 0.05

TSTBD TSTIMP  
0.9 0.1  
1.1 5.4  
1.3 16.2  
1.5 36.0  
1.7 62.0  
1.9 93.0

INRIM GH2OC  
6 0.07

TSTBD TSTIMP  
0.9 0.1  
1.1 2.5  
1.3 7.8  
1.5 22.6  
1.7 44.5  
1.9 71.3

INRIM GH2OC  
6 0.09

TSTBD TSTIMP  
0.9 0.1  
1.1 1.0  
1.3 2.3  
1.5 12.8  
1.7 30.4  
1.9 52.6

INRIM GH2OC  
6 0.11

TSTBD TSTIMP  
0.9 0.1  
1.1 0.9  
1.3 1.7  
1.5 7.5  
1.7 21.5  
1.9 31.2

INRIM GH2OC  
6 0.13

TSTBD TSTIMP  
0.9 0.1  
1.1 0.5  
1.3 1.0  
1.5 5.6  
1.7 15.2  
1.9 29.8

INRIM GH2OC  
6 0.15

TSTBD TSTIMP  
0.9 0.1  
1.1 0.2  
1.3 0.5  
1.5 4.9  
1.7 13.9  
1.9 27.7

INRIM GH2OC  
6 0.30

TSTBD TSTIMP  
0.9 0.1  
1.1 0.2  
1.3 0.5  
1.5 0.9  
1.7 1.1  
1.9 1.3

FILENAME: PX078601.CT4 SOIL ORGANIC RESIDUE (ALL PLOTS)

<u>ID</u>	<u>TRTNO</u>	<u>STRAW</u>	<u>SDEP</u>	<u>SCN</u>	<u>ROOT</u>
PX078601	01	4500.	20.	30.	1200.

FILENAME: PX078601.CT5 INITIAL SOIL PROFILE CONDITIONS FOR AVONDALE LOAM  
(PLOTS 01-12)

TRTNO ID  
01 PX078601

<u>DLAYR</u>	<u>SW</u>	<u>NH4</u>	<u>NO3</u>	<u>PH</u>
5.	0.250	0.0	22.7	7.7
5.	0.317	0.0	22.7	7.7
10.	0.317	0.0	22.7	7.7
10.	0.330	0.0	15.0	7.7
20.	0.295	0.0	10.0	8.0
20.	0.256	0.0	10.0	8.0
30.	0.255	0.0	10.0	8.0
30.	0.240	0.0	10.0	8.0
30.	0.240	0.0	10.0	8.0
30.	0.240	0.0	10.0	8.0
-1.				

FILENAME: PX168601.CT5 INITIAL SOIL PROFILE CONDITIONS FOR AVONDALE LOAM  
WITH GRAVEL LAYER AT 100 TO 130 CM. (PLOTS 13-16)

TRTNO ID  
01 PX168601

<u>DLAYR</u>	<u>SW</u>	<u>NH4</u>	<u>NO3</u>	<u>PH</u>
5.	0.250	0.0	22.7	7.7
5.	0.317	0.0	22.7	7.7
10.	0.317	0.0	22.7	7.7
10.	0.330	0.0	15.0	7.7
20.	0.295	0.0	10.0	8.0
20.	0.256	0.0	10.0	8.0
30.	0.255	0.0	10.0	8.0
30.	0.120	0.0	5.0	8.0
30.	0.240	0.0	10.0	8.0
30.	0.240	0.0	10.0	8.0
-1.				

FILENAME: PX078601.CT6

IRRIGATION FOR DRY, N- (PLOTS 05,07,09,&11)

TRTNO ID  
01 PX078601

	AMTIRR	X1IRR	X2IRR		
<u>JDIRR</u>	<u>IRRCOD</u>	<u>Z1IRR</u>	<u>Z2IRR</u>		
113	23. 5	0.0	0.0	1.0	0.0
133	11. 5	0.0	0.0	1.0	0.0
140	12. 5	0.0	0.0	1.0	0.0
142	13. 5	0.0	0.0	1.0	0.0
147	5. 5	0.0	0.0	1.0	0.0
154	14. 5	0.0	0.0	1.0	0.0
161	35. 5	0.0	0.0	1.0	0.0
168	47. 5	0.0	0.0	1.0	0.0
175	52. 5	0.0	0.0	1.0	0.0
182	64. 5	0.0	0.0	1.0	0.0
189	30. 5	0.0	0.0	1.0	0.0
196	51. 5	0.0	0.0	1.0	0.0
203	49. 5	0.0	0.0	1.0	0.0
210	34. 5	0.0	0.0	1.0	0.0
217	59. 5	0.0	0.0	1.0	0.0
224	48. 5	0.0	0.0	1.0	0.0
231	44. 5	0.0	0.0	1.0	0.0
238	133. 5	0.0	0.0	1.0	0.0
252	0. 5	0.0	0.0	1.0	0.0
259	37. 5	0.0	0.0	1.0	0.0
266	40. 5	0.0	0.0	1.0	0.0
273	21. 5	0.0	0.0	1.0	0.0

-1

FILENAME: PX088601.CT6

IRRIGATION FOR DRY, N+ (PLOTS 06,08,10,&12)

TRTNO ID  
01 PX088601

<u>JDIRR</u>	<u>AMTIRR</u>	<u>IRRCOD</u>	<u>X1IRR</u>	<u>Z1IRR</u>	<u>X2IRR</u>	<u>Z2IRR</u>
113	25.5	5	0.0	0.0	1.0	0.0
133	7.5	5	0.0	0.0	1.0	0.0
140	14.5	5	0.0	0.0	1.0	0.0
142	15.5	5	0.0	0.0	1.0	0.0
147	6.5	5	0.0	0.0	1.0	0.0
154	14.5	5	0.0	0.0	1.0	0.0
161	41.5	5	0.0	0.0	1.0	0.0
168	30.5	5	0.0	0.0	1.0	0.0
175	78.5	5	0.0	0.0	1.0	0.0
182	38.5	5	0.0	0.0	1.0	0.0
189	44.5	5	0.0	0.0	1.0	0.0
196	47.5	5	0.0	0.0	1.0	0.0
203	44.5	5	0.0	0.0	1.0	0.0
210	38.5	5	0.0	0.0	1.0	0.0
217	56.5	5	0.0	0.0	1.0	0.0
224	50.5	5	0.0	0.0	1.0	0.0
231	43.5	5	0.0	0.0	1.0	0.0
238	125.5	5	0.0	0.0	1.0	0.0
252	4.5	5	0.0	0.0	1.0	0.0
259	39.5	5	0.0	0.0	1.0	0.0
266	41.5	5	0.0	0.0	1.0	0.0
273	16.5	5	0.0	0.0	1.0	0.0

-1

FILENAME: PX028601.CT6

IRRIGATION FOR WET, N- (PLOTS 02,04,13,&16)

TRTNO ID  
01 PX028601

<u>JDIRR</u>	<u>AMTIRR</u>	<u>IRRCOD</u>	<u>X1IRR</u>	<u>Z1IRR</u>	<u>X2IRR</u>	<u>Z2IRR</u>
113	24. 5	0.0	0.0	1.0	0.0	0.0
133	12. 5	0.0	0.0	1.0	0.0	0.0
140	18. 5	0.0	0.0	1.0	0.0	0.0
142	22. 5	0.0	0.0	1.0	0.0	0.0
147	6. 5	0.0	0.0	1.0	0.0	0.0
154	20. 5	0.0	0.0	1.0	0.0	0.0
161	52. 5	0.0	0.0	1.0	0.0	0.0
168	66. 5	0.0	0.0	1.0	0.0	0.0
175	79. 5	0.0	0.0	1.0	0.0	0.0
182	100. 5	0.0	0.0	1.0	0.0	0.0
189	59. 5	0.0	0.0	1.0	0.0	0.0
196	81. 5	0.0	0.0	1.0	0.0	0.0
203	69. 5	0.0	0.0	1.0	0.0	0.0
210	64. 5	0.0	0.0	1.0	0.0	0.0
217	82. 5	0.0	0.0	1.0	0.0	0.0
224	79. 5	0.0	0.0	1.0	0.0	0.0
231	66. 5	0.0	0.0	1.0	0.0	0.0
238	162. 5	0.0	0.0	1.0	0.0	0.0
252	51. 5	0.0	0.0	1.0	0.0	0.0
259	52. 5	0.0	0.0	1.0	0.0	0.0
266	62. 5	0.0	0.0	1.0	0.0	0.0
273	39. 5	0.0	0.0	1.0	0.0	0.0

-1

FILENAME: PX038601.CT6

IRRIGATION FOR WET, N+ (PLOTS 01,03,14,&15)

TRTNO ID  
01 PX038601

<u>JDIRR</u>	<u>AMTIRR</u>	<u>IRRCOD</u>	<u>X1IRR</u>	<u>Z1IRR</u>	<u>X2IRR</u>	<u>Z2IRR</u>
113	23.5		0.0	0.0	1.0	0.0
133	14.5		0.0	0.0	1.0	0.0
140	18.5		0.0	0.0	1.0	0.0
142	25.5		0.0	0.0	1.0	0.0
147	3.5		0.0	0.0	1.0	0.0
154	20.5		0.0	0.0	1.0	0.0
161	62.5		0.0	0.0	1.0	0.0
168	53.5		0.0	0.0	1.0	0.0
175	96.5		0.0	0.0	1.0	0.0
182	79.5		0.0	0.0	1.0	0.0
189	74.5		0.0	0.0	1.0	0.0
196	69.5		0.0	0.0	1.0	0.0
203	70.5		0.0	0.0	1.0	0.0
210	66.5		0.0	0.0	1.0	0.0
217	81.5		0.0	0.0	1.0	0.0
224	80.5		0.0	0.0	1.0	0.0
231	59.5		0.0	0.0	1.0	0.0
238	150.5		0.0	0.0	1.0	0.0
252	70.5		0.0	0.0	1.0	0.0
259	60.5		0.0	0.0	1.0	0.0
266	58.5		0.0	0.0	1.0	0.0
273	33.5		0.0	0.0	1.0	0.0

-1

FILENAME: PX078601.CT7

FERTILIZER MANAGEMENT N- ,  
(PLOTS 02,04,05,07,09,11,13,&16)

TRTNO ID  
01 PX078601

	FERTN		INTYPE	IPTYPE	IKTYPE	IITYPE	X1FERT	X2FERT						
JDFERT	DFERT	FERTP	FERTK	FERTIN	FERCOD	Z1FERT	Z2FERT							
113	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
133	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
140	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
142	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
147	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
154	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
161	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
168	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
175	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
182	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
189	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
196	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
203	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
210	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
217	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
224	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
231	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
238	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
252	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
259	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
266	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
273	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0

-1



FILENAME: PX088601,CT7

FERTILIZER MANAGEMENT N+,  
(PLOTS 01,03,06,08,10,12,14,&15)

TRTNO ID  
01 PX088601

	FERTN		INTYPE	IPTYPE	IKTYPE	IITYPE	X1FERT		X2FERT					
JDFERT	DFERT	FERTP	FERTK	FERTIN	FERCOD	Z1FERT	Z2FERT							
113	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
133	6.6	0.0	5	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
140	6.6	0.0	5	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
142	0.2	0.0	5	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
147	6.6	0.0	5	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
154	6.6	0.0	5	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
161	6.6	0.0	5	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
168	6.6	0.0	5	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
175	6.6	0.0	5	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
182	6.6	0.0	5	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
189	6.6	0.0	5	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
196	6.6	0.0	5	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
203	6.6	0.0	5	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
210	6.6	0.0	5	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
217	6.6	0.0	5	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
224	6.6	0.0	5	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
231	6.6	0.0	5	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
238	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
252	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
259	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
266	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
273	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0

-1

FILENAME: PX078601.CT8 TREATMENT MANAGEMENT FILE

ID	TRTNO	TITLE							ISOILT	IVARTY				
PX078501	01	CO2=350ppm, IRR.=DRY, NIT.--, REP=#1							1	61				
				(ISWEED, ISWINS, ISWNEM & ISWDIS) options										
	ISOW	ROWSPC	IIRR	EFFIRR	THETAC									
ISIM	PLANTS	SDEPTH	ISWNIT	DSOIL	IMERGE									
100	90	10.00	1.016	5.00	2	1	0.95	0.00	0.0	100	0	0	0	0

HISTORY

SAME SITE AS PREVIOUS YEAR, FALLOW OVER WINTER.

FILENAME: PX098601.CT8 TREATMENT MANAGEMENT FILE

ID	TRTNO	TITLE							ISOILT	IVARTY				
PX098501	01	CO2=350ppm, IRR.=DRY, NIT.--, REP=#2							1	61				
				(ISWEED, ISWINS, ISWNEM & ISWDIS) options										
	ISOW	ROWSPC	IIRR	EFFIRR	THETAC									
ISIM	PLANTS	SDEPTH	ISWNIT	DSOIL	IMERGE									
100	90	10.00	1.016	5.00	2	1	0.95	0.00	0.0	100	0	0	0	0

HISTORY

SAME SITE AS PREVIOUS YEAR, FALLOW OVER WINTER.

FILENAME: PX088601.CT8 TREATMENT MANAGEMENT FILE

ID	TRTNO	TITLE							ISOILT	IVARTY				
PX088501	01	CO2=350ppm, IRR.=DRY, NIT.=+, REP=#1							1	61				
				(ISWEED, ISWINS, ISWNEM & ISWDIS) options										
	ISOW	ROWSPC	IIRR	EFFIRR	THETAC									
ISIM	PLANTS	SDEPTH	ISWNIT	DSOIL	IMERGE									
100	90	10.00	1.016	5.00	2	1	0.95	0.00	0.0	100	0	0	0	0

HISTORY

SAME SITE AS PREVIOUS YEAR, FALLOW OVER WINTER.

FILENAME: PX108601.CT8 TREATMENT MANAGEMENT FILE

ID	TRTNO	TITLE							ISOILT	IVARTY
PX108501	01	CO2=350ppm, IRR.=DRY, NIT.=+, REP=#2							1	61
(ISWEED, ISWINS, ISWNEM & ISWDIS) options										
ISOW	ISIM	PLANTS	ROWSPC	SDEPTH	IIRR	ISWNIT	EFFIRR	DSOIL	THETAC	IMERGE
100	90	10.00	1.016	5.00	2	1	0.95	0.00	0.0	100
0	0	0	0	0	0	0	0	0	0	0

HISTORY

SAME SITE AS PREVIOUS YEAR, FALLOW OVER WINTER.

FILENAME: PX028601.CT8 TREATMENT MANAGEMENT FILE

ID	TRTNO	TITLE							ISOILT	IVARTY
PX028501	01	CO2=350ppm, IRR.=WET, NIT.=--, REP=#1							1	61
(ISWEED, ISWINS, ISWNEM & ISWDIS) options										
ISOW	ISIM	PLANTS	ROWSPC	SDEPTH	IIRR	ISWNIT	EFFIRR	DSOIL	THETAC	IMERGE
100	90	10.00	1.016	5.00	2	1	0.95	0.00	0.0	100
0	0	0	0	0	0	0	0	0	0	0

HISTORY

SAME SITE AS PREVIOUS YEAR, FALLOW OVER WINTER.

FILENAME: PX168601.CT8 TREATMENT MANAGEMENT FILE

ID	TRTNO	TITLE							ISOILT	IVARTY
PX168501	01	CO2=350ppm, IRR.=WET, NIT.=--, REP=#2							1	61
(ISWEED, ISWINS, ISWNEM & ISWDIS) options										
ISOW	ISIM	PLANTS	ROWSPC	SDEPTH	IIRR	ISWNIT	EFFIRR	DSOIL	THETAC	IMERGE
100	90	10.00	1.016	5.00	2	1	0.95	0.00	0.0	100
0	0	0	0	0	0	0	0	0	0	0

HISTORY

SAME SITE AS PREVIOUS YEAR, FALLOW OVER WINTER.

FILENAME: PX038601.CT8 TREATMENT MANAGEMENT FILE

<u>ID</u>	<u>TRTNO</u>	<u>TITLET</u>							<u>ISOILT</u>	<u>IVARTY</u>				
PX038501	01	CO2=350ppm, IRR.=WET, NIT.=+, REP=#1							1	61				
		(ISWEED, ISWINS, ISWNEM & ISWDIS) options												
	ISOW	ROWSPC	IIRR	EFFIRR	THETAC									
<u>ISIM</u>	<u>PLANTS</u>	<u>SDEPTH</u>	<u>ISWNIT</u>	<u>DSOIL</u>	<u>IMERGE</u>									
100	90	10.00	1.016	5.00	2	1	0.95	0.00	0.0	100	0	0	0	0

HISTORY

SAME SITE AS PREVIOUS YEAR, FALLOW OVER WINTER.

FILENAME: PX158601.CT8 TREATMENT MANAGEMENT FILE

<u>ID</u>	<u>TRTNO</u>	<u>TITLET</u>							<u>ISOILT</u>	<u>IVARTY</u>				
PX158501	01	CO2=350ppm, IRR.=WET, NIT.=+, REP=#2							1	61				
		(ISWEED, ISWINS, ISWNEM & ISWDIS) options												
	ISOW	ROWSPC	IIRR	EFFIRR	THETAC									
<u>ISIM</u>	<u>PLANTS</u>	<u>SDEPTH</u>	<u>ISWNIT</u>	<u>DSOIL</u>	<u>IMERGE</u>									
100	90	10.00	1.016	5.00	2	1	0.95	0.00	0.0	100	0	0	0	0

HISTORY

SAME SITE AS PREVIOUS YEAR, FALLOW OVER WINTER.

FILENAME: PX058601.CT8 TREATMENT MANAGEMENT FILE

<u>ID</u>	<u>TRTNO</u>	<u>TITLET</u>							<u>ISOILT</u>	<u>IVARTY</u>				
PX058501	01	CO2=650ppm, IRR.=DRY, NIT.--, REP=#1							1	61				
		(ISWEED, ISWINS, ISWNEM & ISWDIS) options												
	ISOW	ROWSPC	IIRR	EFFIRR	THETAC									
<u>ISIM</u>	<u>PLANTS</u>	<u>SDEPTH</u>	<u>ISWNIT</u>	<u>DSOIL</u>	<u>IMERGE</u>									
100	90	10.00	1.016	5.00	2	1	0.95	0.00	0.0	100	0	0	0	0

HISTORY

SAME SITE AS PREVIOUS YEAR, FALLOW OVER WINTER.

FILENAME: PX118601.CT8 TREATMENT MANAGEMENT FILE

ID	TRTNO	TITLE							ISOILT	IVARTY				
PX118501	01	CO2=650ppm, IRR.=DRY, NIT.--, REP=#2							1	61				
(ISWEED, ISWINS, ISWNEM & ISWDIS) options														
ISOW	ROWSPC	IIRR	EFFIRR	THETAC										
ISIM	PLANTS	SDEPTH	ISWNIT	DSOIL	IMERGE									
100	90	10.00	1.016	5.00	2	1	0.95	0.00	0.0	100	0	0	0	0

HISTORY

SAME SITE AS PREVIOUS YEAR, FALLOW OVER WINTER.

FILENAME: PX068601.CT8 TREATMENT MANAGEMENT FILE

ID	TRTNO	TITLE							ISOILT	IVARTY				
PX068501	01	CO2=650ppm, IRR.=DRY, NIT.++, REP=#1							1	61				
(ISWEED, ISWINS, ISWNEM & ISWDIS) options														
ISOW	ROWSPC	IIRR	EFFIRR	THETAC										
ISIM	PLANTS	SDEPTH	ISWNIT	DSOIL	IMERGE									
100	90	10.00	1.016	5.00	2	1	0.95	0.00	0.0	100	0	0	0	0

HISTORY

SAME SITE AS PREVIOUS YEAR, FALLOW OVER WINTER.

FILENAME: PX128601.CT8 TREATMENT MANAGEMENT FILE

ID	TRTNO	TITLE							ISOILT	IVARTY				
PX128501	01	CO2=650ppm, IRR.=DRY, NIT.++, REP=#2							1	61				
(ISWEED, ISWINS, ISWNEM & ISWDIS) options														
ISOW	ROWSPC	IIRR	EFFIRR	THETAC										
ISIM	PLANTS	SDEPTH	ISWNIT	DSOIL	IMERGE									
100	90	10.00	1.016	5.00	2	1	0.95	0.00	0.0	100	0	0	0	0

HISTORY

SAME SITE AS PREVIOUS YEAR, FALLOW OVER WINTER.

FILENAME: PX048601,CT8 TREATMENT MANAGEMENT FILE

<u>ID</u>	<u>TRTNO</u>	<u>TITLET</u>							<u>ISOILT</u>	<u>IVARTY</u>				
PX048501	01	CO2=650ppm, IRR.=WET, NIT.--, REP=#1							1	61				
				(ISWEED, ISWINS, ISWNEM & ISWDIS) options										
	<u>ISOW</u>	<u>ROWSPC</u>	<u>IIRR</u>	<u>EFFIRR</u>	<u>THETAC</u>									
<u>ISIM</u>	<u>PLANTS</u>	<u>SDEPTH</u>	<u>ISWNIT</u>	<u>DSOIL</u>	<u>IMERGE</u>									
100	90	10.00	1.016	5.00	2	1	0.95	0.00	0.0	100	0	0	0	0

HISTORY

SAME SITE AS PREVIOUS YEAR, FALLOW OVER WINTER.

FILENAME: PX138601,CT8 TREATMENT MANAGEMENT FILE

<u>ID</u>	<u>TRTNO</u>	<u>TITLET</u>							<u>ISOILT</u>	<u>IVARTY</u>				
PX138501	01	CO2=650ppm, IRR.=WET, NIT.--, REP=#2							1	61				
				(ISWEED, ISWINS, ISWNEM & ISWDIS) options										
	<u>ISOW</u>	<u>ROWSPC</u>	<u>IIRR</u>	<u>EFFIRR</u>	<u>THETAC</u>									
<u>ISIM</u>	<u>PLANTS</u>	<u>SDEPTH</u>	<u>ISWNIT</u>	<u>DSOIL</u>	<u>IMERGE</u>									
100	90	10.00	1.016	5.00	2	1	0.95	0.00	0.0	100	0	0	0	0

HISTORY

SAME SITE AS PREVIOUS YEAR, FALLOW OVER WINTER.

FILENAME: PX018601,CT8 TREATMENT MANAGEMENT FILE

<u>ID</u>	<u>TRTNO</u>	<u>TITLET</u>							<u>ISOILT</u>	<u>IVARTY</u>				
PX018501	01	CO2=650ppm, IRR.=WET, NIT.=+, REP=#1							1	61				
				(ISWEED, ISWINS, ISWNEM & ISWDIS) options										
	<u>ISOW</u>	<u>ROWSPC</u>	<u>IIRR</u>	<u>EFFIRR</u>	<u>THETAC</u>									
<u>ISIM</u>	<u>PLANTS</u>	<u>SDEPTH</u>	<u>ISWNIT</u>	<u>DSOIL</u>	<u>IMERGE</u>									
100	90	10.00	1.016	5.00	2	1	0.95	0.00	0.0	100	0	0	0	0

HISTORY

SAME SITE AS PREVIOUS YEAR, FALLOW OVER WINTER.

FILENAME: PX148601.CT8 TREATMENT MANAGEMENT FILE

<u>ID</u>	<u>TRTNO</u>	<u>TITLET</u>	<u>ISOILT</u>	<u>IVARTY</u>										
PX148501	01	CO2=650ppm, IRR.=WET, NIT.=+, REP=#2	1	61										
		(ISWEED, ISWINS, ISWNEM & ISWDIS) options												
	<u>ISOW</u>	<u>ROWSPC</u>	<u>IIRR</u>	<u>EFFIRR</u>	<u>THETAC</u>									
<u>ISIM</u>	<u>PLANTS</u>	<u>SDEPTH</u>	<u>ISWNIT</u>	<u>DSOIL</u>	<u>IMERGE</u>									
100	90	10.00	1.016	5.00	2	1	0.95	0.00	0.0	100	0	0	0	0

HISTORY  
SAME SITE AS PREVIOUS YEAR, FALLOW OVER WINTER.

FILENAME: PX078601.CTA FINAL HARVEST DATA FILE (AMBIENT, DRY, N-, REP #1)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX078601	01	1110.	1880.	0.1060	82.	21.	2.0	8160.	3798.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX098601.CTA FINAL HARVEST DATA FILE (AMBIENT, DRY, N-, REP #2)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX098601	01	1120.	1700.	0.1000	81.	21.	3.5	8050.	3751.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX088601.CTA FINAL HARVEST DATA FILE (AMBIENT, DRY, N+, REP #1)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX088601	01	1080.	2800.	0.1050	82.	21.	2.8	7800.	3481.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX108601.CTA FINAL HARVEST DATA FILE (AMBIENT, DRY, N+, REP #2)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX108601	01	900.	1410.	0.1000	65.	21.	2.2	7550.	3538.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0



FILENAME: PX028601.CTA

FINAL HARVEST DATA FILE (AMBIENT, WET, N-, REP #1)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX028601	01	1570.	2540.	0.1000	101.	25.	3.4	10500.	4795.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX168601.CTA

FINAL HARVEST DATA FILE (AMBIENT, WET, N-, REP #2)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX168601	01	1500.	2290.	0.1100	91.	25.	3.3	8840.	3999.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX038601.CTA

FINAL HARVEST DATA FILE (AMBIENT, WET, N+, REP #1)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX038601	01	1650.	2730.	0.1040	106.	25.	6.6	11830.	6244.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX158601.CTA

FINAL HARVEST DATA FILE (AMBIENT, WET, N+, REP #2)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX158601	01	1680.	2710.	0.1100	99.	25.	4.3	10980.	4951.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX058601.CTA FINAL HARVEST DATA FILE (CO2=650, DRY, N-, REP #1)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX058601	01	1680.	2530.	0.1070	120.	20.	3.1	12840.	6079.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX118601.CTA FINAL HARVEST DATA FILE (CO2=650, DRY, N-, REP #2)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX118601	01	1900.	2750.	0.1070	132.	19.	3.1	12830.	6516.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX068601.CTA FINAL HARVEST DATA FILE (CO2=650, DRY, N+, REP #1)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX068601	01	2080.	3120.	0.1070	141.	21.	2.9	13550.	6398.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX128601.CTA FINAL HARVEST DATA FILE (CO2=650, DRY, N+, REP #2)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX128601	01	2770.	2850.	0.1030	137.	13.	2.9	13630.	6374.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX048601.CTA

FINAL HARVEST DATA FILE (CO2=650, WET, N-, REP #1)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX048601	01	2500.	4130.	0.1150	149.	24.	5.6	16980.	7557.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX138601.CTA

FINAL HARVEST DATA FILE (CO2=650, WET, N-, REP #2)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX138601	01	2020.	3390.	0.1030	123.	27.	2.6	15160.	6661.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX018601.CTA

FINAL HARVEST DATA FILE (CO2=650, WET, N+, REP #1)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX018601	01	2540.	3910.	0.1080	156.	23.	3.9	17010.	8100.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX148601.CTA

FINAL HARVEST DATA FILE (CO2=650, WET, N+, REP #2)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX148601	01	2550.	4010.	0.1050	153.	25.	4.1	16570.	7590.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX078601.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(AMBIENT, DRY, N-, REP #1)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX078601 01 100 136 160

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

JDOY	XPLTHT	XLAI	JNNODM	JNFLWM	JNMBLM	JNABSM	XWLEFH	XWSTMH	XWROTH	XWGBLH	XWMBLH
121	-9.	0.06	38	0	0	0	22.	9.	3.	0.	0.
128	-9.	0.06	50	0	0	0	100.	73.	57.	0.	0.
137	-9.	0.13	68	6	0	0	99.	60.	31.	0.	0.
154	19.	0.25	108	65	0	0	190.	148.	49.	0.	0.
168	34.	0.81	133	83	9	23	486.	408.	132.	139.	0.
182	36.	1.24	173	37	2	67	850.	570.	-9.	1232.	0.
196	36.	0.90	180	13	1	40	640.	412.	-9.	1309.	0.
210	53.	1.93	247	127	3	93	1436.	1266.	-9.	1219.	648.
231	58.	2.00	280	78	4	60	1460.	1411.	-9.	2187.	2476.
276	59.	-9.00	-9	-9	-9	57	-9.	-9.	533.	1374.	3867.

-1

FILENAME: PX098601.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(AMBIENT, DRY, N-, REP #2)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX098601 01 100 136 160

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

JDOY	XPLTHT	XLAI	JNNODM	JNFLWM	JNMBLM	JNABSM	XWLEFH	XWSTMH	XWROTH	XWGBLH	XWMBLH		
121	-9.	0.07	39	0	0	0	25.	11.	4.	0.	0.		
128	-9.	0.09	57	0	0	0	98.	55.	36.	0.	0.		
137	-9.	0.24	80	13	0	0	212.	137.	63.	0.	0.		
161	28.	0.38	127	90	5	10	269.	298.	410.	0.	0.		
175	33.	1.20	153	30	5	30	685.	421.	-9.	710.	0.		
189	44.	1.24	203	110	0	123	915.	693.	-9.	1377.	0.		
203	55.	2.92	237	153	2	83	1152.	1125.	-9.	721.	253.		
217	52.	1.03	220	10	3	87	857.	940.	-9.	1602.	307.		
245	82.	3.54	323	510	3	35	108	733	2457.	3319.	-9.	367.	4117.
276	58.	-9.00	-9	-9	-9	75	81	-9	-9.	-9.	700.	1492.	3613.

-1

FILENAME: PX088601.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(AMBIENT, DRY, N+, REP #1)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX088601 01 100 136 156

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

JDOY	XPLTHT	XLAI	JNNODM	JNSORM	JNFLWM	JNGBLM	JNMBLM	JNABSM	XWLEFH	XWSTMH	XWROTH	XWGBLH	XWMBLH
121	-9.	0.04	30	0	0	0	0	0	16.	6.	3.	0.	0.
128	-9.	0.06	53	0	0	0	0	0	78.	55.	39.	0.	0.
137	-9.	0.19	76	10	0	0	0	0	138.	84.	34.	0.	0.
154	27.	0.44	121	88	0	0	0	7	248.	214.	69.	0.	0.
168	41.	0.90	150	97	8	33	0	43	584.	577.	189.	287.	0.
182	46.	1.36	180	63	2	57	0	103	793.	651.	-9.	722.	0.
196	48.	1.80	207	173	0	37	3	63	1211.	1092.	-9.	927.	226.
210	58.	2.82	260	120	2	107	40	243	2031.	1415.	-9.	1419.	2202.
231	55.	1.54	280	153	0	28	63	143	1192.	1167.	-9.	3038.	2935.
276	60.	-9.00	-9	-9	-9	54	81	-9	-9.	-9.	434.	1436.	3763.

-1

FILENAME: PX108601.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(AMBIENT, DRY, N+, REP #2)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX108601 01 100 136 156

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

JDOY	XPLTHT	XLAI	JNNODM	JNSORM	JNFLWM	JNGBLM	JNMBLM	JNABSM	XWLEFH	XWSTMH	XWROTH	XWGBLH	XWMBLH
121	-9.	0.07	37	0	0	0	0	0	27.	11.	3.	0.	0.
128	-9.	0.07	50	0	0	0	0	0	157.	113.	99.	0.	0.
137	-9.	0.08	46	5	0	0	0	0	79.	42.	23.	0.	0.
161	-9.	0.88	143	137	4	33	0	23	629.	786.	221.	0.	0.
175	31.	0.77	140	47	2	23	0	43	455.	317.	-9.	244.	0.
189	50.	1.81	190	93	0	117	0	93	1008.	727.	-9.	958.	0.
203	54.	2.20	227	220	5	87	17	93	1339.	1410.	-9.	819.	825.
217	57.	0.89	243	27	3	57	20	247	731.	960.	-9.	1011.	935.
245	72.	1.84	330	220	4	20	65	605	2279.	1705.	-9.	339.	2763.
276	66.	-9.00	-9	-9	-9	68	65	-9	-9.	-9.	595.	1428.	3014.

-1

FILENAME: PX028601.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(AMBIENT, WET, N-, REP #1)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX028601 01 100 134 160

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

JDOY	XPLTHT	JNNODM	JNFLWM	JNMBLM	XWLEFH		XWROTH		XWMBLH				
	XLAI	JNSORM	JNGBLM	JNABSM	XWSTMH		XWGBLH						
121	-9.	0.05	34	0	0	0	0	0	19.	8.	4.	0.	0.
128	-9.	0.10	58	0	0	0	0	0	117.	81.	64.	0.	0.
137	-9.	0.14	68	7	0	0	0	0	98.	64.	30.	0.	0.
154	32.	0.57	138	128	0	0	0	8	354.	340.	227.	0.	0.
168	39.	1.32	160	97	5	60	0	83	821.	697.	277.	645.	0.
182	44.	1.58	190	63	6	70	0	147	894.	666.	-9.	52.	0.
196	50.	1.81	190	93	0	43	0	77	1148.	1024.	-9.	94.	0.
210	67.	3.08	297	240	1	97	27	133	1741.	1809.	-9.	88.	1052.
231	74.	3.42	288	103	5	115	45	228	2133.	2045.	-9.	22.	2054.
276	67.	-9.00	-9	-9	-9	56	101	-9	-9.	-9.	524.	1590.	5231.

-1

FILENAME: PX168601.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(AMBIENT, WET, N-, REP #2)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX168601 01 100 134 160

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

JDOY	XPLTHT	JNNODM	JNFLWM	JNMBLM	XWLEFH		XWROTH		XWMBLH				
	XLAI	JNSORM	JNGBLM	JNABSM	XWSTMH		XWGBLH						
121	-9.	0.02	31	0	0	0	0	0	19.	7.	3.	0.	0.
128	-9.	0.07	51	0	0	0	0	0	101.	65.	47.	0.	0.
137	-9.	0.17	72	7	0	0	0	0	150.	101.	42.	0.	0.
161	38.	0.99	143	133	3	13	0	20	527.	609.	201.	0.	0.
175	48.	1.71	173	73	3	77	0	50	892.	804.	-9.	721.	0.
189	51.	2.88	223	40	0	97	0	157	1571.	1087.	-9.	3098.	0.
203	48.	2.05	217	113	2	83	27	63	1345.	972.	-9.	1966.	359.
217	66.	2.34	267	130	3	63	40	183	1345.	1447.	-9.	856.	2011.
245	80.	3.30	333	218	1	100	63	448	2379.	2499.	-9.	1642.	3440.
276	71.	-9.00	-9	-9	-9	50	91	-9	-9.	-9.	548.	1215.	4869.

-1

FILENAME: PX038601.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(AMBIENT, WET, N+, REP #1)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX038601 01 100 136 160

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

	XPLTHT	JNNODM	JNFLWM	JNMBLM	XWLEFH	XWROTH	XWMBLH						
JDOY	XLAI	JNSORM	JNGBLM	JNABSM	XWSTMH	XWGBLH							
121	-9.	0.06	39	0	0	0	0	23.	9.	5.	0.	0.	
128	-9.	0.09	67	0	0	0	0	108.	72.	58.	0.	0.	
137	-9.	0.15	74	14	0	0	0	135.	84.	38.	0.	0.	
154	28.	0.71	130	111	0	0	7	346.	298.	117.	0.	0.	
168	47.	1.82	177	210	6	73	0	150	1083.	1134.	297.	444.	0.
182	52.	2.59	193	107	3	90	0	137	1328.	1073.	-9.	1641.	0.
196	54.	2.68	220	103	1	87	7	100	1449.	1180.	-9.	3046.	355.
210	66.	2.38	273	210	4	97	23	127	1525.	1643.	-9.	1086.	1093.
231	76.	6.64	308	85	3	100	95	450	3193.	3016.	-9.	3426.	5239.
276	68.	-9.00	-9	-9	-9	60	106	-9	-9.	-9.	651.	1308.	5541.

-1

FILENAME: PX158601.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(AMBIENT, WET, N+, REP #2)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX158601 01 100 136 160

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

	XPLTHT	JNNODM	JNFLWM	JNMBLM	XWLEFH	XWROTH	XWMBLH						
JDOY	XLAI	JNSORM	JNGBLM	JNABSM	XWSTMH	XWGBLH							
121	-9.	0.04	31	0	0	0	0	23.	9.	3.	0.	0.	
128	-9.	0.05	47	0	0	0	0	137.	108.	98.	0.	0.	
137	-9.	0.18	73	6	0	0	0	150.	95.	37.	0.	0.	
161	36.	0.86	153	193	4	13	0	23	621.	723.	216.	0.	0.
175	47.	1.76	203	200	6	63	0	50	1105.	871.	291.	461.	0.
189	0.	2.46	213	50	1	83	0	110	1360.	948.	-9.	1887.	0.
203	49.	2.48	213	90	2	60	7	123	1241.	845.	-9.	2193.	708.
217	66.	3.01	270	190	2	110	30	213	2298.	1890.	-9.	2030.	1717.
245	82.	4.33	338	285	5	153	113	440	2903.	3785.	-9.	2299.	5848.
276	68.	-9.00	-9	-9	-9	68	99	-9	-9.	-9.	872.	1646.	5470.

-1

FILENAME: PX058601.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(CO2=650, DRY, N-, REP #1)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX058601 01 100 136 160

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

JDOY	XPLTHT	XLAI	JNNODM	JNSORM	JNFLWM	JNGBLM	JNMBLM	JNABSM	XWLEFH	XWSTMH	XWROTH	XWGBLH	XWMBLH
121	-9.	0.05	38	0	0	0	0	0	21.	12.	4.	0.	0.
128	-9.	0.08	55	0	0	0	0	0	100.	58.	39.	0.	0.
137	-9.	0.11	65	5	0	0	0	0	152.	89.	33.	0.	0.
154	30.	0.35	112	74	0	0	0	14	275.	294.	103.	0.	0.
168	41.	0.78	147	143	10	30	0	27	552.	664.	226.	150.	0.
182	58.	3.07	180	53	5	47	0	135	1299.	1295.	-9.	744.	0.
196	66.	2.17	287	253	1	50	7	77	1718.	1865.	-9.	1583.	296.
210	66.	2.12	253	137	7	127	23	187	1643.	1781.	-9.	1751.	832.
231	71.	2.16	258	38	2	103	75	488	1517.	2355.	-9.	3292.	3248.
276	68.	-9.00	-9	-9	-9	111	123	-9	-9.	-9.	821.	2553.	5728.

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FILENAME: PX118601.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(CO2=650, DRY, N-, REP #2)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX118601 01 100 136 160

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

JDOY	XPLTHT	XLAI	JNNODM	JNSORM	JNFLWM	JNGBLM	JNMBLM	JNABSM	XWLEFH	XWSTMH	XWROTH	XWGBLH	XWMBLH
121	-9.	0.03	27	0	0	0	0	0	15.	6.	11.	0.	0.
128	-9.	0.10	60	0	0	0	0	0	252.	208.	197.	0.	0.
137	-9.	0.16	74	8	0	0	0	0	114.	66.	360.	0.	0.
161	48.	1.12	160	277	6	13	0	33	902.	1115.	387.	0.	0.
175	45.	1.06	160	60	10	73	0	113	798.	664.	-9.	62.	0.
189	56.	1.69	223	110	1	83	0	130	1118.	1004.	-9.	83.	0.
203	59.	2.02	200	143	4	93	7	120	1417.	1726.	-9.	58.	357.
217	73.	1.60	247	60	8	120	33	200	1425.	2030.	-9.	68.	1711.
245	84.	3.08	315	375	1	48	115	455	1452.	3370.	-9.	00.	4711.
276	67.	-9.00	-9	-9	-9	88	132	-9	-9.	-9.	1770.	1672.	6274.

-1



FILENAME: PX068601.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(CO2=650, DRY, N+, REP #1)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX068601 01 100 134 160

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

JDOY	XPLTHT	XLAI	JNNODM	JNFLWM	JNMBLM	JNABSM	XWLEFH	XWSTMH	XWROTH	XWGBLH	XWMBLH		
121	-9.	0.07	37	0	0	0	0	25.	11.	4.	0.	0.	
128	-9.	0.10	58	0	0	0	0	129.	70.	50.	0.	0.	
137	-9.	0.16	70	18	0	0	0	131.	74.	25.	0.	0.	
154	39.	0.23	128	128	1	3	0	20	406.	409.	129.	0.	0.
168	51.	1.36	160	253	10	67	0	40	1260.	1333.	400.	332.	0.
182	50.	1.75	197	70	3	97	0	157	1209.	981.	-9.	1878.	0.
196	56.	1.82	210	220	0	37	0	73	1274.	1376.	-9.	831.	0.
210	66.	2.93	257	297	9	177	147	293	2154.	2728.	-9.	1675.	1913.
231	65.	2.58	260	105	2	93	60	318	1727.	2142.	-9.	3110.	2814.
276	66.	-9.00	-9	-9	-9	90	141	-9	-9.	-9.	994.	1953.	6903.

-1

FILENAME: PX128601.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(CO2=650, DRY, N+, REP #2)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX128601 01 100 134 160

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

JDOY	XPLTHT	XLAI	JNNODM	JNFLWM	JNMBLM	JNABSM	XWLEFH	XWSTMH	XWROTH	XWGBLH	XWMBLH		
121	-9.	0.05	30	0	0	0	0	17.	7.	10.	0.	0.	
128	-9.	0.05	53	0	0	0	0	94.	67.	53.	0.	0.	
137	-9.	0.19	83	23	0	0	0	150.	96.	57.	0.	0.	
161	41.	0.77	147	173	5	17	0	7	611.	1411.	379.	0.	0.
175	58.	1.26	173	120	9	73	0	67	842.	1076.	-9.	648.	0.
189	62.	2.85	170	93	0	97	0	207	1756.	1500.	-9.	3775.	0.
203	62.	2.42	240	207	4	63	17	160	1633.	1852.	-9.	1735.	1296.
217	77.	1.46	257	100	7	97	50	420	1348.	2187.	-9.	1711.	2229.
245	90.	2.77	323	238	6	73	113	315	1964.	2937.	-9.	1338.	4895.
276	79.	-9.00	-9	-9	-9	103	137	-9	-9.	-9.	833.	2627.	6360.

-1

FILENAME: PX048601.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(CO2=650, WET, N-, REP #1)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX048601 01 100 134 160

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

	XPLTHT	JNNODM	JNFLWM	JNMBLM	XWLEFH	XWROTH	XWMBLH						
JDOY	XLAI	JNSORM	JNGBLM	JNABSM	XWSTMH	XWGBLH							
121	-9.	0.06	39	0	0	0	0	0	31.	14.	5.	0.	0.
128	-9.	0.05	55	0	0	0	0	0	94.	57.	42.	0.	0.
137	-9.	0.23	73	25	0	0	0	0	223.	120.	53.	0.	0.
154	41.	0.77	136	185	0	0	0	10	492.	554.	160.	0.	0.
168	52.	1.22	173	263	15	50	0	33	896.	1250.	416.	313.	0.
182	59.	2.57	203	67	6	143	0	223	1667.	1766.	-9.	2928.	0.
196	60.	2.68	200	137	0	147	3	83	1854.	1655.	-9.	4568.	98.
210	60.	2.37	253	117	3	93	37	230	1877.	1835.	-9.	3864.	2045.
231	85.	5.64	273	70	4	230	163	508	3520.	5138.	-9.	4272.	8201.
276	79.	-9.00	-9	-9	-9	99	149	-9	-9.	-9.	844.	2392.	8407.

-1

FILENAME: PX138601.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(CO2=650, WET, N-, REP #2)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX138601 01 100 134 160

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

	XPLTHT	JNNODM	JNFLWM	JNMBLM	XWLEFH	XWROTH	XWMBLH						
JDOY	XLAI	JNSORM	JNGBLM	JNABSM	XWSTMH	XWGBLH							
121	-9.	0.05	37	0	0	0	0	0	21.	9.	3.	0.	0.
128	-9.	0.07	50	0	0	0	0	0	88.	59.	41.	0.	0.
137	-9.	0.18	72	15	0	0	0	0	116.	73.	30.	0.	0.
161	47.	1.33	160	223	7	10	0	37	906.	1183.	390.	0.	0.
175	54.	2.31	180	227	4	160	0	157	1569.	1727.	-9.	1416.	0.
189	60.	2.49	187	50	0	50	0	187	1541.	1368.	-9.	3157.	0.
203	59.	1.42	197	69	1	37	27	70	1178.	1057.	-9.	1388.	1544.
217	70.	1.97	230	120	2	3	77	213	2105.	1863.	-9.	1.	4195.
245	102.	2.64	323	343	8	103	95	700	2494.	4076.	-9.	1107.	5315.
276	75.	-9.00	-9	-9	-9	104	122	-9	-9.	-9.	874.	3016.	7031.

-1

FILENAME: PX018601.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(CO2=650, WET, N+, REP #1)

	TRTNO	JSQRJD		
ID	JEMRGD	JFLRJD		
PX018601	01	100	134	158

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

	XPLTHT	JNNODM	JNFLWM	JNMBLM	XWLEFH	XWROTH	XWMBLH							
JDOY	XLAI	JNSORM	JNGBLM	JNABSM	XWSTMH	XWGBLH								
121	-9.	0.05	34	0	0	0	0	20.	8.	5.	0.	0.		
128	-9.	0.07	54	0	0	0	0	117.	076.	48.	0.	0.		
137	-9.	0.21	80	27	0	0	0	250.	137.	62.	0.	0.		
154	44.	1.00	152	260	0	0	0	13	826.	869.	329.	0.	0.	
168	44.	1.01	153	187	12	37	0	43	707.	844.	214.	217.	0.	
182	56.	3.28	200	127	4	183	0	233	2099.	1965.	3470.	3470.	0.	
196	67.	3.77	203	60	0	106	0	97	2377.	2277.	6427.	6427.	0.	
210	71.	2.31	243	147	8	123	40	257	1856.	2501.	-9.	3277.	1623.	
231	82.	3.92	295	255	4	118	123	363	2833.	3624.	-9.	1067.	7165.	
276	81.	-9.00	-9	-9	-9	96	156	-9	-9.	-9.	953.	2467.	8305.	

-1

FILENAME: PX148601.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(CO2=650, WET, N+, REP #2)

	TRTNO	JSQRJD		
ID	JEMRGD	JFLRJD		
PX148601	01	100	134	158

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

	XPLTHT	JNNODM	JNFLWM	JNMBLM	XWLEFH	XWROTH	XWMBLH							
JDOY	XLAI	JNSORM	JNGBLM	JNABSM	XWSTMH	XWGBLH								
121	-9.	0.07	42	0	0	0	0	25.	12.	4.	0.	0.		
128	-9.	0.07	54	0	0	0	0	131.	100.	36.	0.	0.		
137	-9.	0.09	60	3	0	0	0	57.	32.	13.	0.	0.		
161	51.	2.36	167	383	10	60	0	30	1567.	2378.	566.	0.	0.	
175	55.	3.63	173	290	8	167	0	70	1758.	2013.	-9.	1547.	0.	
189	65.	2.43	193	47	0	57	0	140	1265.	1300.	-9.	2740.	0.	
203	63.	4.09	247	187	0	80	17	87	1611.	2019.	-9.	2875.	724.	
217	76.	3.35	250	153	2	77	47	153	2086.	1908.	-9.	3290.	2752.	
245	89.	2.86	305	185	5	105	160	288	1993.	4235.	-9.	1580.	8392.	
276	77.	-9.00	-9	-9	-9	97	153	-9	-9.	-9.	1188.	2406.	8304.	

-1



1987 DATA

FILENAME: CTEXP87.DIR

EXPERIMENT FILE DIRECTORY FOR 1987

EXPID , EXPERIMENT DESCRIPTION, WEATHER FILE, SOIL FILE,  
SOIL NITR., INITIAL SOIL, IRRIGATION, NITR. FERT, CROP MANAGMENT, GENETICS,  
FINAL HARVEST, INTER GROWTH, OUTPUT 1, OUTPUT 2, OUTPUT 3, OUTPUT 4

PX078701 1987, CO2=AMBIENT,IRG=DRY,NIT=-,REP=1 PX070407.W87 AVONDALE.CT2  
PX078701.CT4 PX078701.CT5 PX078701.CT6 PX078701.CT7 PX078701.CT8 GENETICS.CT9  
PX078701.CTA PX078701.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX098701 1987, CO2=AMBIENT,IRG=DRY,NIT=-,REP=2 PX090407.W87 AVONDALE.CT2  
PX078701.CT4 PX098701.CT5 PX078701.CT6 PX078701.CT7 PX098701.CT8 GENETICS.CT9  
PX098701.CTA PX098701.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX088701 1987, CO2=AMBIENT,IRG=DRY,NIT=+,REP=1 PX080407.W87 AVONDALE.CT2  
PX078701.CT4 PX088701.CT5 PX088701.CT6 PX088701.CT7 PX088701.CT8 GENETICS.CT9  
PX088701.CTA PX088701.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX108701 1987, CO2=AMBIENT,IRG=DRY,NIT=+,REP=2 PX100407.W87 AVONDALE.CT2  
PX078701.CT4 PX108701.CT5 PX088701.CT6 PX088701.CT7 PX108701.CT8 GENETICS.CT9  
PX108701.CTA PX108701.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX028701 1987, CO2=AMBIENT,IRG=WET,NIT=-,REP=1 PX020407.W87 AVONDALE.CT2  
PX078701.CT4 PX028701.CT5 PX028701.CT6 PX078701.CT7 PX028701.CT8 GENETICS.CT9  
PX028701.CTA PX028701.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX168701 1987, CO2=AMBIENT,IRG=WET,NIT=-,REP=2 PX160407.W87 AVONGRAV.CT2  
PX078701.CT4 PX168701.CT5 PX028701.CT6 PX078701.CT7 PX168701.CT8 GENETICS.CT9  
PX168701.CTA PX168701.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX038701 1987, CO2=AMBIENT,IRG=WET,NIT=+,REP=1 PX030407.W87 AVONDALE.CT2  
PX078701.CT4 PX038701.CT5 PX038701.CT6 PX088701.CT7 PX038701.CT8 GENETICS.CT9  
PX038701.CTA PX038701.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX158701 1987, CO2=AMBIENT,IRG=WET,NIT=+,REP=2 PX150407.W87 AVONGRAV.CT2  
PX078701.CT4 PX158701.CT5 PX038701.CT6 PX088701.CT7 PX158701.CT8 GENETICS.CT9  
PX158701.CTA PX158701.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX058701 1987, CO2= 650,IRG=DRY,NIT=-,REP=1 PX050407.W87 AVONDALE.CT2  
PX078701.CT4 PX058701.CT5 PX078701.CT6 PX078701.CT7 PX058701.CT8 GENETICS.CT9  
PX058701.CTA PX058701.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX118701 1987, CO2= 650,IRG=DRY,NIT=-,REP=2 PX110407.W87 AVONDALE.CT2  
PX078701.CT4 PX118701.CT5 PX078701.CT6 PX078701.CT7 PX118701.CT8 GENETICS.CT9  
PX118701.CTA PX118701.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX068701 1987, CO2= 650, IRG=DRY, NIT=+, REP=1 PX060407.W87 AVONDALE.CT2  
 PX078701.CT4 PX068701.CT5 PX088701.CT6 PX088701.CT7 PX068701.CT8 GENETICS.CT9  
 PX068701.CTA PX068701.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX128701 1987, CO2= 650, IRG=DRY, NIT=+, REP=2 PX120407.W87 AVONDALE.CT2  
 PX078701.CT4 PX128701.CT5 PX088701.CT6 PX088701.CT7 PX128701.CT8 GENETICS.CT9  
 PX128701.CTA PX128701.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX048701 1987, CO2= 650, IRG=WET, NIT=-, REP=1 PX040407.W87 AVONDALE.CT2  
 PX078701.CT4 PX048701.CT5 PX028701.CT6 PX078701.CT7 PX048701.CT8 GENETICS.CT9  
 PX048701.CTA PX048701.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX138701 1987, CO2= 650, IRG=WET, NIT=-, REP=2 PX130407.W87 AVONGRAV.CT2  
 PX078701.CT4 PX138701.CT5 PX028701.CT6 PX078701.CT7 PX138701.CT8 GENETICS.CT9  
 PX138701.CTA PX138701.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX018701 1987, CO2= 650, IRG=WET, NIT=+, REP=1 PX010407.W87 AVONDALE.CT2  
 PX078701.CT4 PX018701.CT5 PX038701.CT6 PX088701.CT7 PX018701.CT8 GENETICS.CT9  
 PX018701.CTA PX018701.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

PX148701 1987, CO2= 650, IRG=WET, NIT=+, REP=2 PX140407.W87 AVONGRAV.CT2  
 PX078701.CT4 PX148701.CT5 PX038701.CT6 PX088701.CT7 PX148701.CT8 GENETICS.CT9  
 PX148701.CTA PX148701.CTB OUT1.CT OUT2.CT OUT3.CT OUT4.CT

FILENAME: WTH87.DIR

WEATHER FILE DIRECTORY FOR 1987

WTHID	WEATHER STATION DESCRIPTION	BEGDATE	ENDDATE	WEATHER FILE
PX07	PHOENIX, AZ, AMB. CO2, IRG=DRY, N-, REP=1	04/02/87	10/10/87	PX070407.W87
PX09	PHOENIX, AZ, AMB. CO2, IRG=DRY, N-, REP=2	04/02/87	10/10/87	PX090407.W87
PX08	PHOENIX, AZ, AMB. CO2, IRG=DRY, N+, REP=1	04/02/87	10/10/87	PX080407.W87
PX10	PHOENIX, AZ, AMB. CO2, IRG=DRY, N+, REP=2	04/02/87	10/10/87	PX100407.W87
PX02	PHOENIX, AZ, AMB. CO2, IRG=WET, N-, REP=1	04/02/87	10/10/87	PX020407.W87
PX16	PHOENIX, AZ, AMB. CO2, IRG=WET, N-, REP=2	04/02/87	10/10/87	PX160407.W87
PX03	PHOENIX, AZ, AMB. CO2, IRG=WET, N+, REP=1	04/02/87	10/10/87	PX030407.W87
PX15	PHOENIX, AZ, AMB. CO2, IRG=WET, N+, REP=2	04/02/87	10/10/87	PX150407.W87
PX05	PHOENIX, AZ, CO2= 650, IRG=DRY, N-, REP=1	04/02/87	10/10/87	PX050407.W87
PX11	PHOENIX, AZ, CO2= 650, IRG=DRY, N-, REP=2	04/02/87	10/10/87	PX110407.W87
PX06	PHOENIX, AZ, CO2= 650, IRG=DRY, N+, REP=1	04/02/87	10/10/87	PX060407.W87
PX12	PHOENIX, AZ, CO2= 650, IRG=DRY, N+, REP=2	04/02/87	10/10/87	PX120407.W87
PX04	PHOENIX, AZ, CO2= 650, IRG=WET, N-, REP=1	04/02/87	10/10/87	PX040407.W87
PX13	PHOENIX, AZ, CO2= 650, IRG=WET, N-, REP=2	04/02/87	10/10/87	PX130407.W87
PX01	PHOENIX, AZ, CO2= 650, IRG=WET, N+, REP=1	04/02/87	10/10/87	PX010407.W87
PX14	PHOENIX, AZ, CO2= 650, IRG=WET, N+, REP=2	04/02/87	10/10/87	PX140407.W87

FILENAME: PX070407.W87

WEATHER DATA FOR CO2=AMBIENT, IRR=DRY, NIT=-, REP=#1

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC      ↓      CO2YR WINDYR  
 PX07 33.40 112.00 2.30 0 1 1 0 1 350 0.0

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		AOO	
<u>INSTW</u>	<u>JUL</u>		<u>XTMAX</u>		<u>XRAIN</u>		<u>WIND</u>		<u>STMAX</u>		<u>CO2</u>		
PX07	87	92	29.63	33.1	8.8	0.0	0.00	88.4	3.9	0.0	0.0	350	02-Apr
PX07	87	93	26.89	31.5	11.4	0.0	0.00	169.1	4.8	0.0	0.0	350	03-Apr
PX07	87	94	23.16	22.4	7.5	0.2	0.00	117.7	4.5	0.0	0.0	350	04-Apr
PX07	87	95	29.12	25.1	4.3	0.0	0.00	84.7	5.1	0.0	0.0	350	05-Apr
PX07	87	96	24.28	28.3	8.8	0.0	0.00	81.0	4.3	0.0	0.0	350	06-Apr
PX07	87	97	28.30	31.0	10.8	0.0	0.00	128.8	4.6	0.0	0.0	350	07-Apr
PX07	87	98	27.72	30.4	10.8	0.0	0.00	70.0	5.1	0.0	0.0	350	08-Apr
PX07	87	99	28.73	33.1	12.7	0.0	0.00	97.5	5.8	0.0	0.0	350	09-Apr
PX07	87	100	29.32	34.7	14.0	0.0	0.00	93.9	6.5	0.0	0.0	350	10-Apr
PX07	87	101	27.69	34.2	14.0	0.0	0.00	134.3	7.4	0.0	0.0	350	11-Apr
PX07	87	102	28.20	31.5	14.7	0.0	0.00	136.1	8.0	0.0	0.0	350	12-Apr
PX07	87	103	29.62	29.9	11.4	0.0	0.00	90.2	7.5	0.0	0.0	350	13-Apr
PX07	87	104	29.89	35.2	10.1	0.0	0.00	99.4	8.1	0.0	0.0	350	14-Apr
PX07	87	105	27.78	37.4	12.7	0.0	0.00	84.7	7.8	0.0	0.0	350	15-Apr
PX07	87	106	26.30	37.9	14.0	0.0	0.00	112.2	7.3	0.0	0.0	350	16-Apr
PX07	87	107	29.33	37.9	14.7	0.0	0.00	121.4	5.3	0.0	0.0	350	17-Apr
PX07	87	108	24.32	34.7	15.3	0.0	0.00	119.6	7.3	0.0	0.0	350	18-Apr
PX07	87	109	24.30	29.4	14.0	0.0	0.00	139.8	7.1	0.0	0.0	350	19-Apr
PX07	87	110	29.16	31.0	8.8	0.0	0.00	108.6	8.0	0.0	0.0	350	20-Apr
PX07	87	111	29.45	34.7	10.8	0.0	0.00	147.6	8.9	0.0	0.0	350	21-Apr
PX07	87	112	29.41	33.1	16.0	0.0	0.00	167.3	9.3	0.0	0.0	350	22-Apr
PX07	87	113	29.85	35.8	17.3	0.0	0.00	108.6	7.7	0.0	0.0	350	23-Apr
PX07	87	114	28.10	36.1	15.9	0.0	0.00	121.0	4.8	0.0	0.0	350	24-Apr
PX07	87	115	28.10	35.8	20.2	0.0	0.00	172.8	7.0	0.0	0.0	350	25-Apr
PX07	87	116	28.10	37.5	20.5	0.0	0.00	155.5	7.3	0.0	0.0	350	26-Apr
PX07	87	117	22.30	35.3	21.5	0.0	0.00	224.6	8.9	0.0	0.0	350	27-Apr
PX07	87	118	28.00	36.0	19.6	0.0	0.00	224.6	8.5	0.0	0.0	350	28-Apr
PX07	87	119	22.40	36.3	21.8	0.0	0.00	164.2	8.4	0.0	0.0	350	29-Apr
PX07	87	120	24.00	34.0	20.6	0.3	0.00	164.2	9.9	0.0	0.0	350	30-Apr
PX07	87	121	29.10	31.4	13.6	0.0	0.00	155.5	8.1	0.0	0.0	350	01-May
PX07	87	122	25.80	30.4	16.9	0.0	0.00	129.6	3.8	0.0	0.0	350	02-May
PX07	87	123	29.50	34.0	13.9	0.0	0.00	95.0	3.8	0.0	0.0	350	03-May
PX07	87	124	29.70	36.3	14.7	0.0	0.00	77.8	2.7	0.0	0.0	350	04-May
PX07	87	125	29.10	38.0	16.0	0.0	0.00	66.5	4.8	0.0	0.0	350	05-May
PX07	87	126	29.30	37.8	20.6	0.0	0.00	155.5	8.6	0.0	0.0	350	06-May
PX07	87	127	28.10	36.8	24.0	0.0	0.00	172.8	10.0	0.0	0.0	350	07-May
PX07	87	128	29.30	36.0	22.1	0.0	0.00	164.2	8.8	0.0	0.0	350	08-May
PX07	87	129	29.50	37.7	19.7	0.0	0.00	86.4	8.4	0.0	0.0	350	09-May
PX07	87	130	27.30	37.5	23.3	0.0	0.00	103.7	11.2	0.0	0.0	350	10-May
PX07	87	131	29.10	37.6	19.8	1.5	0.00	95.0	12.1	0.0	0.0	350	11-May
PX07	87	132	28.50	39.7	25.7	0.0	0.00	129.6	8.2	0.0	0.0	350	12-May
PX07	87	133	28.90	40.6	21.6	0.0	0.00	138.2	8.6	0.0	0.0	350	13-May
PX07	87	134	25.60	40.6	25.0	0.0	0.00	164.2	11.4	0.0	0.0	350	14-May
PX07	87	135	24.00	38.4	21.5	0.3	0.00	181.4	13.3	0.0	0.0	350	15-May
PX07	87	136	28.10	37.3	20.4	0.0	0.00	86.4	10.6	0.0	0.0	350	16-May
PX07	87	137	29.10	38.7	20.5	0.0	0.00	121.0	8.4	0.0	0.0	350	17-May

INSTW	IYR	SOLRAD		XTMIN		XPAR	WIND	DEWPT	STMIN		CO2	A00	
		JUL	XTMAX		XRAIN				STMAX				
PX07	87	138	29.30	38.7	22.1	0.0	0.00	190.1	6.7	0.0	0.0	350	18-May
PX07	87	139	24.40	36.1	21.7	0.0	0.00	172.8	5.6	0.0	0.0	350	19-May
PX07	87	140	26.40	35.5	20.5	0.0	0.00	233.3	9.5	0.0	0.0	350	20-May
PX07	87	141	29.50	32.5	16.8	0.0	0.00	138.2	12.0	0.0	0.0	350	21-May
PX07	87	142	29.30	35.8	16.4	0.0	0.00	121.0	7.0	0.0	0.0	350	22-May
PX07	87	143	31.20	36.6	16.9	0.0	0.00	146.9	-0.9	0.0	0.0	350	23-May
PX07	87	144	28.30	35.2	16.9	0.0	0.00	129.6	-0.0	0.0	0.0	350	24-May
PX07	87	145	23.10	33.7	17.4	0.0	0.00	198.7	1.9	0.0	0.0	350	25-May
PX07	87	146	30.10	29.0	13.4	0.0	0.00	164.2	1.1	0.0	0.0	350	26-May
PX07	87	147	29.90	30.7	13.1	0.0	0.00	112.3	1.5	0.0	0.0	350	27-May
PX07	87	148	30.10	33.6	16.3	0.0	0.00	121.0	1.7	0.0	0.0	350	28-May
PX07	87	149	30.40	35.0	16.6	0.0	0.00	121.0	4.5	0.0	0.0	350	29-May
PX07	87	150	30.80	38.0	17.7	0.0	0.00	103.7	2.9	0.0	0.0	350	30-May
PX07	87	151	31.40	39.6	18.7	0.0	0.00	129.6	3.4	0.0	0.0	350	31-May
PX07	87	152	31.40	40.8	22.0	0.5	0.00	172.8	3.9	0.0	0.0	350	01-Jun
PX07	87	153	31.00	41.5	21.1	0.0	0.00	121.0	6.1	0.0	0.0	350	02-Jun
PX07	87	154	28.70	42.7	21.1	0.0	0.00	95.0	5.3	0.0	0.0	350	03-Jun
PX07	87	155	28.50	39.6	26.3	0.0	0.00	224.6	9.2	0.0	0.0	350	04-Jun
PX07	87	156	19.60	39.2	24.9	0.0	0.00	181.4	9.3	0.0	0.0	350	05-Jun
PX07	87	157	30.80	35.4	23.8	1.8	0.00	129.6	15.2	0.0	0.0	350	06-Jun
PX07	87	158	31.20	40.9	23.7	0.0	0.00	164.2	11.5	0.0	0.0	350	07-Jun
PX07	87	159	31.60	41.7	23.2	0.0	0.00	146.8	5.8	0.0	0.0	350	08-Jun
PX07	87	160	32.00	39.7	22.4	0.0	0.00	112.3	6.2	0.0	0.0	350	09-Jun
PX07	87	161	32.00	41.6	21.4	0.0	0.00	112.3	4.1	0.0	0.0	350	10-Jun
PX07	87	162	30.40	41.4	21.3	0.0	0.00	95.0	6.1	0.0	0.0	350	11-Jun
PX07	87	163	30.10	41.9	25.5	0.0	0.00	77.8	9.7	0.0	0.0	350	12-Jun
PX07	87	164	29.90	44.1	24.5	0.0	0.00	25.9	8.5	0.0	0.0	350	13-Jun
PX07	87	165	30.40	46.3	26.4	0.0	0.00	86.4	11.6	0.0	0.0	350	14-Jun
PX07	87	166	32.00	42.6	23.1	0.0	0.00	129.6	8.4	0.0	0.0	350	15-Jun
PX07	87	167	31.20	38.7	21.3	0.0	0.00	43.2	3.6	0.0	0.0	350	16-Jun
PX07	87	168	32.00	40.2	20.1	0.0	0.00	43.2	4.6	0.0	0.0	350	17-Jun
PX07	87	169	32.20	39.7	21.4	0.0	0.00	103.7	3.4	0.0	0.0	350	18-Jun
PX07	87	170	30.10	38.7	19.2	0.0	0.00	17.3	2.7	0.0	0.0	350	19-Jun
PX07	87	171	28.30	38.9	19.7	0.0	0.00	25.9	2.9	0.0	0.0	350	20-Jun
PX07	87	172	32.00	39.7	19.5	0.0	0.00	60.5	4.5	0.0	0.0	350	21-Jun
PX07	87	173	32.00	39.5	21.4	0.0	0.00	51.8	6.2	0.0	0.0	350	22-Jun
PX07	87	174	31.00	38.7	21.5	0.0	0.00	34.6	10.0	0.0	0.0	350	23-Jun
PX07	87	175	30.10	39.8	23.2	0.0	0.00	34.6	11.8	0.0	0.0	350	24-Jun
PX07	87	176	16.50	39.4	27.5	0.0	0.00	8.6	11.4	0.0	0.0	350	25-Jun
PX07	87	177	30.60	42.0	24.8	0.0	0.00	34.6	11.9	0.0	0.0	350	26-Jun
PX07	87	178	31.00	42.3	25.8	0.0	0.00	43.2	9.8	0.0	0.0	350	27-Jun
PX07	87	179	31.40	41.8	24.7	0.0	0.00	77.8	6.8	0.0	0.0	350	28-Jun
PX07	87	180	31.60	41.0	23.5	0.0	0.00	95.0	5.6	0.0	0.0	350	29-Jun
PX07	87	181	31.20	39.8	20.4	0.0	0.00	146.9	4.1	0.0	0.0	350	30-Jun
PX07	87	182	27.90	38.7	22.6	0.0	0.00	103.7	2.3	0.0	0.0	350	01-Jul
PX07	87	183	31.60	39.9	18.6	0.0	0.00	103.7	4.8	0.0	0.0	350	02-Jul
PX07	87	184	31.40	40.5	20.1	0.0	0.00	103.7	5.1	0.0	0.0	350	03-Jul
PX07	87	185	32.40	39.1	19.6	1.3	0.00	155.5	6.8	0.0	0.0	350	04-Jul
PX07	87	186	32.20	41.1	20.3	0.0	0.00	138.2	3.4	0.0	0.0	350	05-Jul
PX07	87	187	31.20	41.0	22.0	0.0	0.00	112.3	3.0	0.0	0.0	350	06-Jul
PX07	87	188	23.90	39.2	21.6	0.0	0.00	112.3	6.5	0.0	0.0	350	07-Jul
PX07	87	189	20.50	39.8	20.3	0.0	0.00	129.6	6.8	0.0	0.0	350	08-Jul



	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX07	87	190	19.70	40.4	20.9	0.0	0.00	241.9	7.7	0.0	0.0	350	09-Jul
PX07	87	191	27.90	39.8	21.7	0.0	0.00	172.8	7.4	0.0	0.0	350	10-Jul
PX07	87	192	31.00	40.5	21.1	0.0	0.00	129.6	7.0	0.0	0.0	350	11-Jul
PX07	87	193	28.90	41.1	22.6	0.0	0.00	103.7	8.0	0.0	0.0	350	12-Jul
PX07	87	194	29.70	44.2	23.9	0.0	0.00	103.7	11.2	0.0	0.0	350	13-Jul
PX07	87	195	27.50	41.9	26.1	0.0	0.00	207.4	12.0	0.0	0.0	350	14-Jul
PX07	87	196	23.70	38.1	27.5	0.0	0.00	181.4	15.3	0.0	0.0	350	15-Jul
PX07	87	197	16.10	34.5	26.2	0.0	0.00	198.7	17.2	0.0	0.0	350	16-Jul
PX07	87	198	30.60	38.2	21.8	0.0	0.00	302.4	12.2	0.0	0.0	350	17-Jul
PX07	87	199	27.50	37.0	22.9	0.0	0.00	207.4	12.4	0.0	0.0	350	18-Jul
PX07	87	200	30.10	39.3	21.7	0.0	0.00	146.9	9.5	0.0	0.0	350	19-Jul
PX07	87	201	26.40	41.9	27.2	0.0	0.00	155.5	15.5	0.0	0.0	350	20-Jul
PX07	87	202	21.10	40.9	23.3	15.2	0.00	233.3	13.8	0.0	0.0	350	21-Jul
PX07	87	203	29.50	38.4	18.6	0.0	0.00	121.0	8.5	0.0	0.0	350	22-Jul
PX07	87	204	30.10	40.3	20.2	0.0	0.00	112.3	6.5	0.0	0.0	350	23-Jul
PX07	87	205	27.70	42.2	23.1	0.0	0.00	138.2	8.2	0.0	0.0	350	24-Jul
PX07	87	206	23.50	43.2	29.8	0.0	0.00	155.5	15.5	0.0	0.0	350	25-Jul
PX07	87	207	26.00	43.3	25.8	0.0	0.00	198.7	18.7	0.0	0.0	350	26-Jul
PX07	87	208	23.10	38.2	25.4	11.9	0.00	190.1	20.8	0.0	0.0	350	27-Jul
PX07	87	209	21.70	34.9	24.8	1.3	0.00	121.0	20.2	0.0	0.0	350	28-Jul
PX07	87	210	23.50	38.2	25.3	0.0	0.00	129.6	19.2	0.0	0.0	350	29-Jul
PX07	87	211	28.50	38.7	26.8	0.0	0.00	198.7	18.7	0.0	0.0	350	30-Jul
PX07	87	212	21.70	39.3	23.6	0.0	0.00	129.6	21.1	0.0	0.0	350	31-Jul
PX07	87	213	27.50	36.8	25.9	0.0	0.00	172.8	21.9	0.0	0.0	350	01-Aug
PX07	87	214	28.40	39.5	28.4	0.0	0.00	224.6	21.1	0.0	0.0	350	02-Aug
PX07	87	215	25.90	39.8	26.4	0.0	0.00	121.0	20.0	0.0	0.0	350	03-Aug
PX07	87	216	27.80	38.9	24.6	0.0	0.00	172.8	20.6	0.0	0.0	350	04-Aug
PX07	87	217	27.20	36.2	24.4	12.7	0.00	121.0	22.4	0.0	0.0	350	05-Aug
PX07	87	218	23.30	37.8	27.2	0.0	0.00	146.9	22.4	0.0	0.0	350	06-Aug
PX07	87	219	25.40	40.4	28.0	0.0	0.00	138.2	18.2	0.0	0.0	350	07-Aug
PX07	87	220	27.50	41.3	26.4	0.0	0.00	112.3	16.3	0.0	0.0	350	08-Aug
PX07	87	221	19.40	39.2	27.4	0.0	0.00	129.6	17.8	0.0	0.0	350	09-Aug
PX07	87	222	24.40	40.9	25.0	0.0	0.00	164.2	18.6	0.0	0.0	350	10-Aug
PX07	87	223	12.50	30.3	23.1	7.9	0.00	95.0	21.5	0.0	0.0	350	11-Aug
PX07	87	224	27.30	37.1	24.1	0.0	0.00	146.9	20.2	0.0	0.0	350	12-Aug
PX07	87	225	28.00	38.0	24.6	0.0	0.00	129.6	16.1	0.0	0.0	350	13-Aug
PX07	87	226	28.30	39.1	24.7	0.0	0.00	285.1	13.6	0.0	0.0	350	14-Aug
PX07	87	227	28.80	38.9	21.7	0.0	0.00	181.4	11.5	0.0	0.0	350	15-Aug
PX07	87	228	28.10	39.6	20.4	0.0	0.00	112.3	9.3	0.0	0.0	350	16-Aug
PX07	87	229	27.80	41.6	20.1	0.0	0.00	95.0	10.1	0.0	0.0	350	17-Aug
PX07	87	230	27.40	40.6	22.2	0.0	0.00	103.7	13.2	0.0	0.0	350	18-Aug
PX07	87	231	25.90	38.6	24.9	0.0	0.00	129.6	15.5	0.0	0.0	350	19-Aug
PX07	87	232	26.00	40.3	29.2	0.0	0.00	155.5	17.9	0.0	0.0	350	20-Aug
PX07	87	233	24.90	40.4	27.3	0.0	0.00	146.9	17.3	0.0	0.0	350	21-Aug
PX07	87	234	24.80	38.5	27.7	0.0	0.00	181.4	19.0	0.0	0.0	350	22-Aug
PX07	87	235	17.80	34.6	24.4	3.6	0.00	121.0	20.0	0.0	0.0	350	23-Aug
PX07	87	236	19.40	38.4	23.9	3.0	0.00	224.6	18.7	0.0	0.0	350	24-Aug
PX07	87	237	21.60	35.6	22.0	21.1	0.00	138.2	18.0	0.0	0.0	350	25-Aug
PX07	87	238	25.60	34.9	21.6	0.0	0.00	172.8	15.4	0.0	0.0	350	26-Aug
PX07	87	239	25.70	36.3	20.4	0.0	0.00	95.0	13.5	0.0	0.0	350	27-Aug
PX07	87	240	24.80	39.0	22.5	0.0	0.00	103.7	13.4	0.0	0.0	350	28-Aug
PX07	87	241	25.00	40.6	24.0	0.0	0.00	146.9	13.4	0.0	0.0	350	29-Aug

INSTW	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		CO2	A00
	JUL		XTMAX		XRAIN		WIND		STMAX				
PX07	87	242	25.60	40.3	22.9	0.0	0.00	86.4	13.1	0.0	0.0	350	30-Aug
PX07	87	243	25.30	42.3	24.6	0.0	0.00	138.2	11.6	0.0	0.0	350	31-Aug
PX07	87	244	25.40	39.2	28.2	0.0	0.00	198.7	12.8	0.0	0.0	350	01-Sep
PX07	87	245	25.80	38.6	24.4	0.0	0.00	146.9	11.6	0.0	0.0	350	02-Sep
PX07	87	246	10.40	33.9	25.7	0.0	0.00	129.6	15.5	0.0	0.0	350	03-Sep
PX07	87	247	23.60	33.6	24.2	0.0	0.00	146.9	17.3	0.0	0.0	350	04-Sep
PX07	87	248	23.70	35.5	23.8	0.0	0.00	95.0	16.1	0.0	0.0	350	05-Sep
PX07	87	249	23.70	36.8	23.1	0.0	0.00	95.0	14.3	0.0	0.0	350	06-Sep
PX07	87	250	24.30	37.8	21.6	0.0	0.00	103.7	9.4	0.0	0.0	350	07-Sep
PX07	87	251	24.70	37.6	18.8	0.0	0.00	95.0	9.2	0.0	0.0	350	08-Sep
PX07	87	252	23.50	36.7	18.8	0.0	0.00	103.7	7.7	0.0	0.0	350	09-Sep
PX07	87	253	22.90	38.1	19.5	0.0	0.00	95.0	8.2	0.0	0.0	350	10-Sep
PX07	87	254	23.10	38.3	21.3	0.0	0.00	129.6	7.1	0.0	0.0	350	11-Sep
PX07	87	255	23.40	37.1	20.1	0.0	0.00	181.4	8.0	0.0	0.0	350	12-Sep
PX07	87	256	22.60	34.2	21.9	0.0	0.00	293.8	10.3	0.0	0.0	350	13-Sep
PX07	87	257	22.00	33.0	17.3	0.0	0.00	103.7	8.2	0.0	0.0	350	14-Sep
PX07	87	258	22.30	34.0	18.2	0.0	0.00	112.3	11.0	0.0	0.0	350	15-Sep
PX07	87	259	18.50	34.6	19.5	0.0	0.00	103.7	11.2	0.0	0.0	350	16-Sep
PX07	87	260	15.10	33.6	19.7	0.0	0.00	164.2	10.1	0.0	0.0	350	17-Sep
PX07	87	261	21.50	34.5	19.6	0.0	0.00	112.3	13.0	0.0	0.0	350	18-Sep
PX07	87	262	21.50	36.6	21.0	0.0	0.00	112.3	12.2	0.0	0.0	350	19-Sep
PX07	87	263	21.60	37.9	20.2	0.0	0.00	129.6	12.1	0.0	0.0	350	20-Sep
PX07	87	264	17.40	36.2	22.2	0.0	0.00	164.2	16.4	0.0	0.0	350	21-Sep
PX07	87	265	15.00	36.2	20.4	0.0	0.00	164.2	17.2	0.0	0.0	350	22-Sep
PX07	87	266	15.10	31.8	19.0	9.7	0.00	103.7	18.4	0.0	0.0	350	23-Sep
PX07	87	267	18.20	33.2	19.8	6.9	0.00	86.4	18.3	0.0	0.0	350	24-Sep
PX07	87	268	21.20	35.0	20.1	0.5	0.00	86.4	17.3	0.0	0.0	350	25-Sep
PX07	87	269	20.00	36.4	19.6	0.0	0.00	103.7	16.8	0.0	0.0	350	26-Sep
PX07	87	270	20.40	38.0	20.1	0.0	0.00	77.8	16.1	0.0	0.0	350	27-Sep
PX07	87	271	19.40	38.4	20.2	0.0	0.00	103.7	16.0	0.0	0.0	350	28-Sep
PX07	87	272	20.50	38.9	21.3	0.0	0.00	190.1	15.0	0.0	0.0	350	29-Sep
PX07	87	273	20.80	36.9	19.8	0.0	0.00	129.6	12.8	0.0	0.0	350	30-Sep
PX07	87	274	20.60	37.1	25.1	0.0	0.00	129.6	8.8	0.0	0.0	350	01-Oct
PX07	87	275	20.40	37.5	19.4	0.0	0.00	181.4	8.5	0.0	0.0	350	02-Oct
PX07	87	276	20.20	37.7	18.9	0.0	0.00	112.3	4.5	0.0	0.0	350	03-Oct
PX07	87	277	19.90	38.4	18.3	0.0	0.00	60.5	5.3	0.0	0.0	350	04-Oct
PX07	87	278	19.60	38.6	17.9	0.0	0.00	69.1	4.6	0.0	0.0	350	05-Oct
PX07	87	279	23.50	39.9	17.9	0.0	0.00	77.1	4.3	0.0	0.0	350	06-Oct
PX07	87	280	17.50	39.5	17.5	0.0	0.00	95.0	3.0	0.0	0.0	350	07-Oct
PX07	87	281	19.10	39.2	17.6	0.0	0.00	129.6	5.9	0.0	0.0	350	08-Oct
PX07	87	282	18.30	37.5	19.6	0.0	0.00	138.2	9.7	0.0	0.0	350	09-Oct
PX07	87	283	19.00	37.0	19.5	0.0	0.00	121.0	10.7	0.0	0.0	350	10-Oct

FILENAME: PX090407.W87

WEATHER DATA FOR CO2=AMBIENT, IRR=DRY, NIT=-, REP=#2

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC      ↓      CO2YR WINDYR  
 PX09 33.40 112.00 2.30 0 1 1 0 1 350 0.0

INSTW	IYR		SOLRAD	XTMIN		XPAR		DEWPT	STMIN		CO2	A00	
	JUL			XTMAX	XRAIN	WIND	STMAX						
PX09	87	92	29.63	33.1	8.8	0.0	0.00	88.4	3.9	0.0	0.0	350	02-Apr
PX09	87	93	26.89	31.5	11.4	0.0	0.00	169.1	4.8	0.0	0.0	350	03-Apr
PX09	87	94	23.16	22.4	7.5	0.2	0.00	117.7	4.5	0.0	0.0	350	04-Apr
PX09	87	95	29.12	25.1	4.3	0.0	0.00	84.7	5.1	0.0	0.0	350	05-Apr
PX09	87	96	24.28	28.3	8.8	0.0	0.00	81.0	4.3	0.0	0.0	350	06-Apr
PX09	87	97	28.30	31.0	10.8	0.0	0.00	128.8	4.6	0.0	0.0	350	07-Apr
PX09	87	98	27.72	30.4	10.8	0.0	0.00	70.0	5.1	0.0	0.0	350	08-Apr
PX09	87	99	28.73	33.1	12.7	0.0	0.00	97.5	5.8	0.0	0.0	350	09-Apr
PX09	87	100	29.32	34.7	14.0	0.0	0.00	93.9	6.5	0.0	0.0	350	10-Apr
PX09	87	101	27.69	34.2	14.0	0.0	0.00	134.3	7.4	0.0	0.0	350	11-Apr
PX09	87	102	28.20	31.5	14.7	0.0	0.00	136.1	8.0	0.0	0.0	350	12-Apr
PX09	87	103	29.62	29.9	11.4	0.0	0.00	90.2	7.5	0.0	0.0	350	13-Apr
PX09	87	104	29.89	35.2	10.1	0.0	0.00	99.4	8.1	0.0	0.0	350	14-Apr
PX09	87	105	27.78	37.4	12.7	0.0	0.00	84.7	7.8	0.0	0.0	350	15-Apr
PX09	87	106	26.30	37.9	14.0	0.0	0.00	112.2	7.3	0.0	0.0	350	16-Apr
PX09	87	107	29.33	37.9	14.7	0.0	0.00	121.4	5.3	0.0	0.0	350	17-Apr
PX09	87	108	24.32	34.7	15.3	0.0	0.00	119.6	7.3	0.0	0.0	350	18-Apr
PX09	87	109	24.30	29.4	14.0	0.0	0.00	139.8	7.1	0.0	0.0	350	19-Apr
PX09	87	110	29.16	31.0	8.8	0.0	0.00	108.6	8.0	0.0	0.0	350	20-Apr
PX09	87	111	29.45	34.7	10.8	0.0	0.00	147.6	8.9	0.0	0.0	350	21-Apr
PX09	87	112	29.41	33.1	16.0	0.0	0.00	167.3	9.3	0.0	0.0	350	22-Apr
PX09	87	113	29.85	35.8	17.3	0.0	0.00	108.6	7.7	0.0	0.0	350	23-Apr
PX09	87	114	28.10	35.5	16.1	0.0	0.00	121.0	1.1	0.0	0.0	350	24-Apr
PX09	87	115	28.10	35.9	20.2	0.0	0.00	172.8	6.5	0.0	0.0	350	25-Apr
PX09	87	116	28.10	37.2	20.4	0.0	0.00	155.5	6.8	0.0	0.0	350	26-Apr
PX09	87	117	22.30	35.0	21.7	0.0	0.00	224.6	8.6	0.0	0.0	350	27-Apr
PX09	87	118	28.00	35.9	20.1	0.0	0.00	224.6	8.4	0.0	0.0	350	28-Apr
PX09	87	119	22.40	36.4	22.0	0.0	0.00	164.2	7.3	0.0	0.0	350	29-Apr
PX09	87	120	24.00	33.9	20.4	0.3	0.00	164.2	8.5	0.0	0.0	350	30-Apr
PX09	87	121	29.10	31.3	13.6	0.0	0.00	155.5	11.9	0.0	0.0	350	01-May
PX09	87	122	25.80	30.7	15.3	0.0	0.00	129.6	10.0	0.0	0.0	350	02-May
PX09	87	123	29.50	34.0	14.2	0.0	0.00	95.0	1.5	0.0	0.0	350	03-May
PX09	87	124	29.70	36.2	15.2	0.0	0.00	77.8	-0.7	0.0	0.0	350	04-May
PX09	87	125	29.10	37.9	16.4	0.0	0.00	66.5	1.7	0.0	0.0	350	05-May
PX09	87	126	29.30	37.7	21.1	0.0	0.00	155.5	6.1	0.0	0.0	350	06-May
PX09	87	127	28.10	36.4	23.5	0.0	0.00	172.8	7.3	0.0	0.0	350	07-May
PX09	87	128	29.30	35.7	21.6	0.0	0.00	164.2	7.5	0.0	0.0	350	08-May
PX09	87	129	29.50	37.4	19.3	0.0	0.00	86.4	6.8	0.0	0.0	350	09-May
PX09	87	130	27.30	37.1	23.9	0.0	0.00	103.7	9.2	0.0	0.0	350	10-May
PX09	87	131	29.10	37.1	19.7	1.5	0.00	95.0	8.1	0.0	0.0	350	11-May
PX09	87	132	28.50	39.5	25.5	0.0	0.00	129.6	8.6	0.0	0.0	350	12-May
PX09	87	133	28.90	40.2	21.4	0.0	0.00	138.2	8.4	0.0	0.0	350	13-May
PX09	87	134	25.60	40.2	24.7	0.0	0.00	164.2	11.5	0.0	0.0	350	14-May
PX09	87	135	24.00	37.9	21.1	0.3	0.00	181.4	12.7	0.0	0.0	350	15-May
PX09	87	136	28.10	36.9	20.2	0.0	0.00	86.4	10.6	0.0	0.0	350	16-May
PX09	87	137	29.10	38.4	20.1	0.0	0.00	121.0	8.6	0.0	0.0	350	17-May

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX	CO2			
PX09	87	138	29.30	38.4	21.8	0.0	0.00	190.1	8.1	0.0	0.0	350	18-May
PX09	87	139	24.40	35.9	21.4	0.0	0.00	172.8	6.2	0.0	0.0	350	19-May
PX09	87	140	26.40	35.9	20.4	0.0	0.00	233.3	9.3	0.0	0.0	350	20-May
PX09	87	141	29.50	32.2	16.4	0.0	0.00	138.2	9.7	0.0	0.0	350	21-May
PX09	87	142	29.30	35.1	16.6	0.0	0.00	121.0	3.2	0.0	0.0	350	22-May
PX09	87	143	31.20	35.9	17.4	0.0	0.00	146.9	-0.9	0.0	0.0	350	23-May
PX09	87	144	28.30	34.4	17.2	0.0	0.00	129.6	-0.0	0.0	0.0	350	24-May
PX09	87	145	23.10	33.1	17.5	0.0	0.00	198.7	1.5	0.0	0.0	350	25-May
PX09	87	146	30.10	28.0	13.4	0.0	0.00	164.2	1.1	0.0	0.0	350	26-May
PX09	87	147	29.90	29.8	15.5	0.0	0.00	112.3	1.3	0.0	0.0	350	27-May
PX09	87	148	30.10	33.0	16.4	0.0	0.00	121.0	1.9	0.0	0.0	350	28-May
PX09	87	149	30.40	34.6	17.2	0.0	0.00	121.0	3.4	0.0	0.0	350	29-May
PX09	87	150	30.80	37.4	18.1	0.0	0.00	103.7	3.4	0.0	0.0	350	30-May
PX09	87	151	31.40	39.0	19.4	0.0	0.00	129.6	4.5	0.0	0.0	350	31-May
PX09	87	152	31.40	40.5	22.3	0.5	0.00	172.8	5.3	0.0	0.0	350	01-Jun
PX09	87	153	31.00	40.8	21.8	0.0	0.00	121.0	8.0	0.0	0.0	350	02-Jun
PX09	87	154	28.70	42.3	21.6	0.0	0.00	95.0	7.1	0.0	0.0	350	03-Jun
PX09	87	155	28.50	39.2	26.6	0.0	0.00	224.6	10.6	0.0	0.0	350	04-Jun
PX09	87	156	19.60	39.1	25.6	0.0	0.00	181.4	10.9	0.0	0.0	350	05-Jun
PX09	87	157	30.80	35.2	24.5	1.8	0.00	129.6	16.1	0.0	0.0	350	06-Jun
PX09	87	158	31.20	41.3	23.4	0.0	0.00	164.2	9.3	0.0	0.0	350	07-Jun
PX09	87	159	31.60	39.2	23.2	0.0	0.00	146.8	10.4	0.0	0.0	350	08-Jun
PX09	87	160	32.00	41.2	22.4	0.0	0.00	112.3	7.0	0.0	0.0	350	09-Jun
PX09	87	161	32.00	41.6	21.4	0.0	0.00	112.3	4.5	0.0	0.0	350	10-Jun
PX09	87	162	30.40	41.0	21.9	0.0	0.00	95.0	6.4	0.0	0.0	350	11-Jun
PX09	87	163	30.10	41.5	25.7	0.0	0.00	77.8	10.3	0.0	0.0	350	12-Jun
PX09	87	164	29.90	43.9	25.0	0.0	0.00	25.9	9.8	0.0	0.0	350	13-Jun
PX09	87	165	30.40	45.7	26.7	0.0	0.00	86.4	9.9	0.0	0.0	350	14-Jun
PX09	87	166	32.00	42.4	26.6	0.0	0.00	129.6	6.4	0.0	0.0	350	15-Jun
PX09	87	167	31.20	37.9	21.5	0.0	0.00	43.2	5.6	0.0	0.0	350	16-Jun
PX09	87	168	32.00	40.1	21.1	0.0	0.00	43.2	6.2	0.0	0.0	350	17-Jun
PX09	87	169	32.20	39.3	22.2	0.0	0.00	103.7	5.0	0.0	0.0	350	18-Jun
PX09	87	170	30.10	38.7	19.9	0.0	0.00	17.3	4.3	0.0	0.0	350	19-Jun
PX09	87	171	28.30	39.0	20.3	0.0	0.00	25.9	2.7	0.0	0.0	350	20-Jun
PX09	87	172	32.00	39.8	20.1	0.0	0.00	60.5	4.1	0.0	0.0	350	21-Jun
PX09	87	173	32.00	39.4	22.1	0.0	0.00	51.8	6.1	0.0	0.0	350	22-Jun
PX09	87	174	31.00	38.5	22.2	0.0	0.00	34.6	10.0	0.0	0.0	350	23-Jun
PX09	87	175	30.10	39.6	23.4	0.0	0.00	34.6	11.6	0.0	0.0	350	24-Jun
PX09	87	176	16.50	39.3	27.6	0.0	0.00	8.6	11.6	0.0	0.0	350	25-Jun
PX09	87	177	30.60	41.8	24.9	0.0	0.00	34.6	12.3	0.0	0.0	350	26-Jun
PX09	87	178	31.00	41.9	25.9	0.0	0.00	43.2	10.3	0.0	0.0	350	27-Jun
PX09	87	179	31.40	41.7	25.3	0.0	0.00	77.8	7.5	0.0	0.0	350	28-Jun
PX09	87	180	31.60	41.2	23.8	0.0	0.00	95.0	6.4	0.0	0.0	350	29-Jun
PX09	87	181	31.20	39.9	21.5	0.0	0.00	146.9	5.0	0.0	0.0	350	30-Jun
PX09	87	182	27.90	38.8	23.1	0.0	0.00	103.7	3.9	0.0	0.0	350	01-Jul
PX09	87	183	31.60	40.0	19.4	0.0	0.00	103.7	5.9	0.0	0.0	350	02-Jul
PX09	87	184	31.40	40.8	21.1	0.0	0.00	103.7	6.4	0.0	0.0	350	03-Jul
PX09	87	185	32.40	40.5	21.5	1.3	0.00	155.5	4.8	0.0	0.0	350	04-Jul
PX09	87	186	32.20	41.3	21.0	0.0	0.00	138.2	4.8	0.0	0.0	350	05-Jul
PX09	87	187	31.20	39.4	22.0	0.0	0.00	112.3	8.4	0.0	0.0	350	06-Jul
PX09	87	188	23.90	39.4	22.0	0.0	0.00	112.3	7.8	0.0	0.0	350	07-Jul
PX09	87	189	20.50	40.2	20.0	0.0	0.00	129.6	7.3	0.0	0.0	350	08-Jul

	YR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX09	87	190	19.70	41.0	21.1	0.0	0.00	241.9	6.5	0.0	0.0	350	09-Jul
PX09	87	191	27.90	42.2	21.8	0.0	0.00	172.8	7.4	0.0	0.0	350	10-Jul
PX09	87	192	31.00	41.0	22.2	0.0	0.00	129.6	8.0	0.0	0.0	350	11-Jul
PX09	87	193	28.90	41.6	23.0	0.0	0.00	103.7	8.8	0.0	0.0	350	12-Jul
PX09	87	194	29.70	44.3	24.7	0.0	0.00	103.7	7.7	0.0	0.0	350	13-Jul
PX09	87	195	27.50	41.8	26.7	0.0	0.00	207.4	11.6	0.0	0.0	350	14-Jul
PX09	87	196	23.70	38.5	28.0	0.0	0.00	181.4	15.0	0.0	0.0	350	15-Jul
PX09	87	197	16.10	35.0	26.3	0.0	0.00	198.7	16.9	0.0	0.0	350	16-Jul
PX09	87	198	30.60	38.3	22.1	0.0	0.00	302.4	10.1	0.0	0.0	350	17-Jul
PX09	87	199	27.50	37.1	23.2	0.0	0.00	207.4	12.4	0.0	0.0	350	18-Jul
PX09	87	200	30.10	39.8	21.6	0.0	0.00	146.9	9.5	0.0	0.0	350	19-Jul
PX09	87	201	26.40	42.5	27.5	0.0	0.00	155.5	15.5	0.0	0.0	350	20-Jul
PX09	87	202	21.10	40.3	23.6	15.2	0.00	233.3	13.9	0.0	0.0	350	21-Jul
PX09	87	203	29.50	38.8	18.9	0.0	0.00	121.0	8.4	0.0	0.0	350	22-Jul
PX09	87	204	30.10	40.9	21.1	0.0	0.00	112.3	6.4	0.0	0.0	350	23-Jul
PX09	87	205	27.70	42.8	24.2	0.0	0.00	138.2	8.0	0.0	0.0	350	24-Jul
PX09	87	206	23.50	43.5	31.2	0.0	0.00	155.5	14.8	0.0	0.0	350	25-Jul
PX09	87	207	26.00	43.9	25.9	0.0	0.00	198.7	18.2	0.0	0.0	350	26-Jul
PX09	87	208	23.10	39.2	25.6	11.9	0.00	190.1	19.5	0.0	0.0	350	27-Jul
PX09	87	209	21.70	35.7	25.0	1.3	0.00	121.0	20.2	0.0	0.0	350	28-Jul
PX09	87	210	23.50	39.1	25.7	0.0	0.00	129.6	18.9	0.0	0.0	350	29-Jul
PX09	87	211	28.50	39.0	27.4	0.0	0.00	198.7	18.7	0.0	0.0	350	30-Jul
PX09	87	212	21.70	39.7	23.3	0.0	0.00	129.6	21.3	0.0	0.0	350	31-Jul
PX09	87	213	27.50	37.5	25.5	18.0	0.00	172.8	21.9	0.0	0.0	350	01-Aug
PX09	87	214	28.40	40.0	28.7	0.0	0.00	224.6	21.5	0.0	0.0	350	02-Aug
PX09	87	215	25.90	40.4	26.6	0.0	0.00	121.0	20.4	0.0	0.0	350	03-Aug
PX09	87	216	27.80	39.0	24.4	0.0	0.00	172.8	20.9	0.0	0.0	350	04-Aug
PX09	87	217	27.20	36.8	24.3	12.7	0.00	121.0	22.3	0.0	0.0	350	05-Aug
PX09	87	218	23.30	37.9	27.4	0.0	0.00	146.9	22.2	0.0	0.0	350	06-Aug
PX09	87	219	25.40	40.3	28.2	0.0	0.00	138.2	17.8	0.0	0.0	350	07-Aug
PX09	87	220	27.50	41.4	27.1	0.0	0.00	112.3	16.7	0.0	0.0	350	08-Aug
PX09	87	221	19.40	39.0	28.0	0.0	0.00	129.6	17.3	0.0	0.0	350	09-Aug
PX09	87	222	24.40	41.1	25.4	0.0	0.00	164.2	18.4	0.0	0.0	350	10-Aug
PX09	87	223	12.50	30.0	22.7	7.9	0.00	95.0	22.0	0.0	0.0	350	11-Aug
PX09	87	224	27.30	36.0	23.4	0.0	0.00	146.9	21.5	0.0	0.0	350	12-Aug
PX09	87	225	28.00	37.4	22.4	0.0	0.00	129.6	17.3	0.0	0.0	350	13-Aug
PX09	87	226	28.30	39.8	24.2	0.0	0.00	285.1	13.8	0.0	0.0	350	14-Aug
PX09	87	227	28.80	38.6	22.3	0.0	0.00	181.4	10.9	0.0	0.0	350	15-Aug
PX09	87	228	28.10	39.6	21.1	0.0	0.00	112.3	8.2	0.0	0.0	350	16-Aug
PX09	87	229	27.80	41.3	18.3	0.0	0.00	95.0	12.6	0.0	0.0	350	17-Aug
PX09	87	230	27.40	39.6	20.3	0.0	0.00	103.7	13.3	0.0	0.0	350	18-Aug
PX09	87	231	25.90	38.3	25.7	0.0	0.00	129.6	14.7	0.0	0.0	350	19-Aug
PX09	87	232	26.00	40.2	29.8	0.0	0.00	155.5	17.1	0.0	0.0	350	20-Aug
PX09	87	233	24.90	40.0	27.7	0.0	0.00	146.9	16.9	0.0	0.0	350	21-Aug
PX09	87	234	24.80	38.2	27.9	0.0	0.00	181.4	18.7	0.0	0.0	350	22-Aug
PX09	87	235	17.80	34.5	24.6	3.6	0.00	121.0	19.8	0.0	0.0	350	23-Aug
PX09	87	236	19.40	38.2	23.7	3.0	0.00	224.6	18.3	0.0	0.0	350	24-Aug
PX09	87	237	21.60	35.1	22.3	21.1	0.00	138.2	17.8	0.0	0.0	350	25-Aug
PX09	87	238	25.60	33.8	21.9	0.0	0.00	172.8	15.5	0.0	0.0	350	26-Aug
PX09	87	239	25.70	35.8	21.1	0.0	0.00	95.0	13.3	0.0	0.0	350	27-Aug
PX09	87	240	24.80	38.6	23.3	0.0	0.00	103.7	13.0	0.0	0.0	350	28-Aug
PX09	87	241	25.00	40.0	24.8	0.0	0.00	146.9	13.0	0.0	0.0	350	29-Aug

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL	XTMAX		XRAIN	WIND	STMAX	CO2						
PX09	87	242	25.60	39.5	23.5	0.0	0.00	86.4	12.9	0.0	0.0	350	30-Aug
PX09	87	243	25.30	41.8	24.9	0.0	0.00	138.2	12.2	0.0	0.0	350	31-Aug
PX09	87	244	25.40	38.8	28.8	0.0	0.00	198.7	15.9	0.0	0.0	350	01-Sep
PX09	87	245	25.80	38.6	24.4	0.0	0.00	146.9	15.8	0.0	0.0	350	02-Sep
PX09	87	246	10.40	33.5	25.9	0.0	0.00	129.6	14.8	0.0	0.0	350	03-Sep
PX09	87	247	23.60	33.1	24.3	0.0	0.00	146.9	16.6	0.0	0.0	350	04-Sep
PX09	87	248	23.70	34.8	23.9	0.0	0.00	95.0	15.4	0.0	0.0	350	05-Sep
PX09	87	249	23.70	36.2	23.2	0.0	0.00	95.0	13.4	0.0	0.0	350	06-Sep
PX09	87	250	24.30	37.1	22.0	0.0	0.00	103.7	7.5	0.0	0.0	350	07-Sep
PX09	87	251	24.70	36.7	19.0	0.0	0.00	95.0	8.0	0.0	0.0	350	08-Sep
PX09	87	252	23.50	36.0	19.1	0.0	0.00	103.7	7.1	0.0	0.0	350	09-Sep
PX09	87	253	22.90	37.6	20.1	0.0	0.00	95.0	7.7	0.0	0.0	350	10-Sep
PX09	87	254	23.10	38.1	21.6	0.0	0.00	129.6	6.4	0.0	0.0	350	11-Sep
PX09	87	255	23.40	36.8	20.6	0.0	0.00	181.4	7.8	0.0	0.0	350	12-Sep
PX09	87	256	22.60	33.7	22.0	0.0	0.00	293.8	10.4	0.0	0.0	350	13-Sep
PX09	87	257	22.00	32.2	17.7	0.0	0.00	103.7	8.1	0.0	0.0	350	14-Sep
PX09	87	258	22.30	32.8	18.7	0.0	0.00	112.3	11.1	0.0	0.0	350	15-Sep
PX09	87	259	18.50	33.8	20.0	0.0	0.00	103.7	16.9	0.0	0.0	350	16-Sep
PX09	87	260	15.10	33.3	20.1	0.0	0.00	164.2	11.6	0.0	0.0	350	17-Sep
PX09	87	261	21.50	33.6	19.6	0.0	0.00	112.3	12.3	0.0	0.0	350	18-Sep
PX09	87	262	21.50	35.6	21.2	0.0	0.00	112.3	10.4	0.0	0.0	350	19-Sep
PX09	87	263	21.60	36.9	20.3	0.0	0.00	129.6	9.0	0.0	0.0	350	20-Sep
PX09	87	264	17.40	35.2	22.0	0.0	0.00	164.2	14.3	0.0	0.0	350	21-Sep
PX09	87	265	15.00	35.5	20.1	0.0	0.00	164.2	15.5	0.0	0.0	350	22-Sep
PX09	87	266	15.10	31.2	18.7	9.7	0.00	103.7	17.3	0.0	0.0	350	23-Sep
PX09	87	267	18.20	32.0	19.9	6.9	0.00	86.4	17.2	0.0	0.0	350	24-Sep
PX09	87	268	21.20	34.5	20.2	0.5	0.00	86.4	15.0	0.0	0.0	350	25-Sep
PX09	87	269	20.00	35.8	19.9	0.0	0.00	103.7	14.4	0.0	0.0	350	26-Sep
PX09	87	270	20.40	37.4	20.5	0.0	0.00	77.8	13.6	0.0	0.0	350	27-Sep
PX09	87	271	19.40	37.8	20.1	0.0	0.00	103.7	13.3	0.0	0.0	350	28-Sep
PX09	87	272	20.50	38.2	21.7	0.0	0.00	190.1	13.8	0.0	0.0	350	29-Sep
PX09	87	273	20.80	36.1	20.1	0.0	0.00	129.6	13.6	0.0	0.0	350	30-Sep
PX09	87	274	20.60	36.5	24.8	0.0	0.00	129.6	7.3	0.0	0.0	350	01-Oct
PX09	87	275	20.40	37.7	20.6	0.0	0.00	181.4	8.4	0.0	0.0	350	02-Oct
PX09	87	276	20.20	37.4	19.5	0.0	0.00	112.3	1.3	0.0	0.0	350	03-Oct
PX09	87	277	19.90	37.8	18.3	0.0	0.00	60.5	3.4	0.0	0.0	350	04-Oct
PX09	87	278	19.60	39.4	20.1	0.0	0.00	69.1	2.7	0.0	0.0	350	05-Oct
PX09	87	279	23.50	39.5	18.4	0.0	0.00	77.1	1.1	0.0	0.0	350	06-Oct
PX09	87	280	17.50	39.3	17.6	0.0	0.00	95.0	1.7	0.0	0.0	350	07-Oct
PX09	87	281	19.10	39.0	17.8	0.0	0.00	129.6	4.3	0.0	0.0	350	08-Oct
PX09	87	282	18.30	37.2	19.7	0.0	0.00	138.2	8.2	0.0	0.0	350	09-Oct
PX09	87	283	19.00	36.8	19.8	0.0	0.00	121.0	9.0	0.0	0.0	350	10-Oct

FILENAME: PX080407.W87

WEATHER DATA FOR CO2-AMBIENT, IRR-DRY, NIT-+, REP-#1

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC      ↓      CO2YR WINDYR  
 PX08 33.40 112.00 2.30 0 1 1 0 1 350 0.0

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
<u>INSTW</u>	<u>JUL</u>		<u>XTMAX</u>		<u>XRAIN</u>		<u>WIND</u>		<u>STMAX</u>		<u>CO2</u>		
PX08	87	92	29.63	33.1	8.8	0.0	0.00	88.4	3.9	0.0	0.0	350	02-Apr
PX08	87	93	26.89	31.5	11.4	0.0	0.00	169.1	4.8	0.0	0.0	350	03-Apr
PX08	87	94	23.16	22.4	7.5	0.2	0.00	117.7	4.5	0.0	0.0	350	04-Apr
PX08	87	95	29.12	25.1	4.3	0.0	0.00	84.7	5.1	0.0	0.0	350	05-Apr
PX08	87	96	24.28	28.3	8.8	0.0	0.00	81.0	4.3	0.0	0.0	350	06-Apr
PX08	87	97	28.30	31.0	10.8	0.0	0.00	128.8	4.6	0.0	0.0	350	07-Apr
PX08	87	98	27.72	30.4	10.8	0.0	0.00	70.0	5.1	0.0	0.0	350	08-Apr
PX08	87	99	28.73	33.1	12.7	0.0	0.00	97.5	5.8	0.0	0.0	350	09-Apr
PX08	87	100	29.32	34.7	14.0	0.0	0.00	93.9	6.5	0.0	0.0	350	10-Apr
PX08	87	101	27.69	34.2	14.0	0.0	0.00	134.3	7.4	0.0	0.0	350	11-Apr
PX08	87	102	28.20	31.5	14.7	0.0	0.00	136.1	8.0	0.0	0.0	350	12-Apr
PX08	87	103	29.62	29.9	11.4	0.0	0.00	90.2	7.5	0.0	0.0	350	13-Apr
PX08	87	104	29.89	35.2	10.1	0.0	0.00	99.4	8.1	0.0	0.0	350	14-Apr
PX08	87	105	27.78	37.4	12.7	0.0	0.00	84.7	7.8	0.0	0.0	350	15-Apr
PX08	87	106	26.30	37.9	14.0	0.0	0.00	112.2	7.3	0.0	0.0	350	16-Apr
PX08	87	107	29.33	37.9	14.7	0.0	0.00	121.4	5.3	0.0	0.0	350	17-Apr
PX08	87	108	24.32	34.7	15.3	0.0	0.00	119.6	7.3	0.0	0.0	350	18-Apr
PX08	87	109	24.30	29.4	14.0	0.0	0.00	139.8	7.1	0.0	0.0	350	19-Apr
PX08	87	110	29.16	31.0	8.8	0.0	0.00	108.6	8.0	0.0	0.0	350	20-Apr
PX08	87	111	29.45	34.7	10.8	0.0	0.00	147.6	8.9	0.0	0.0	350	21-Apr
PX08	87	112	29.41	33.1	16.0	0.0	0.00	167.3	9.3	0.0	0.0	350	22-Apr
PX08	87	113	29.85	35.8	17.3	0.0	0.00	108.6	7.7	0.0	0.0	350	23-Apr
PX08	87	114	28.10	36.9	16.0	0.0	0.00	121.0	7.8	0.0	0.0	350	24-Apr
PX08	87	115	28.10	36.8	20.7	0.0	0.00	172.8	12.1	0.0	0.0	350	25-Apr
PX08	87	116	28.10	38.3	20.9	0.0	0.00	155.5	10.0	0.0	0.0	350	26-Apr
PX08	87	117	22.30	36.5	21.6	0.0	0.00	224.6	12.7	0.0	0.0	350	27-Apr
PX08	87	118	28.00	37.1	19.7	0.0	0.00	224.6	12.1	0.0	0.0	350	28-Apr
PX08	87	119	22.40	36.4	21.7	0.0	0.00	164.2	9.4	0.0	0.0	350	29-Apr
PX08	87	120	24.00	34.5	20.6	0.3	0.00	164.2	8.9	0.0	0.0	350	30-Apr
PX08	87	121	29.10	31.7	13.5	0.0	0.00	155.5	8.0	0.0	0.0	350	01-May
PX08	87	122	25.80	30.7	16.9	0.0	0.00	129.6	7.5	0.0	0.0	350	02-May
PX08	87	123	29.50	33.9	13.9	0.0	0.00	95.0	3.6	0.0	0.0	350	03-May
PX08	87	124	29.70	36.5	14.6	0.0	0.00	77.8	0.6	0.0	0.0	350	04-May
PX08	87	125	29.10	38.4	16.0	0.0	0.00	66.5	4.5	0.0	0.0	350	05-May
PX08	87	126	29.30	38.3	20.5	0.0	0.00	155.5	12.6	0.0	0.0	350	06-May
PX08	87	127	28.10	37.9	22.9	0.0	0.00	172.8	8.4	0.0	0.0	350	07-May
PX08	87	128	29.30	36.2	21.7	0.0	0.00	164.2	8.0	0.0	0.0	350	08-May
PX08	87	129	29.50	38.2	19.3	0.0	0.00	86.4	7.4	0.0	0.0	350	09-May
PX08	87	130	27.30	37.1	22.6	0.0	0.00	103.7	10.4	0.0	0.0	350	10-May
PX08	87	131	29.10	38.0	19.4	1.5	0.00	95.0	11.3	0.0	0.0	350	11-May
PX08	87	132	28.50	39.8	25.4	0.0	0.00	129.6	7.0	0.0	0.0	350	12-May
PX08	87	133	28.90	39.9	21.4	0.0	0.00	138.2	7.8	0.0	0.0	350	13-May
PX08	87	134	25.60	39.9	24.7	0.0	0.00	164.2	11.1	0.0	0.0	350	14-May
PX08	87	135	24.00	37.7	21.3	0.3	0.00	181.4	13.1	0.0	0.0	350	15-May
PX08	87	136	28.10	37.1	20.4	0.0	0.00	86.4	10.5	0.0	0.0	350	16-May
PX08	87	137	29.10	38.8	20.3	0.0	0.00	121.0	8.1	0.0	0.0	350	17-May

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX08	87	138	29.30	38.8	22.0	0.0	0.00	190.1	6.4	0.0	0.0	350	18-May
PX08	87	139	24.40	35.9	21.6	0.0	0.00	172.8	5.3	0.0	0.0	350	19-May
PX08	87	140	26.40	35.1	20.4	0.0	0.00	233.3	9.9	0.0	0.0	350	20-May
PX08	87	141	29.50	32.4	16.7	0.0	0.00	138.2	10.3	0.0	0.0	350	21-May
PX08	87	142	29.30	35.8	16.3	0.0	0.00	121.0	3.9	0.0	0.0	350	22-May
PX08	87	143	31.20	35.7	16.7	0.0	0.00	146.9	-0.0	0.0	0.0	350	23-May
PX08	87	144	28.30	34.8	16.8	0.0	0.00	129.6	0.9	0.0	0.0	350	24-May
PX08	87	145	23.10	32.8	17.3	0.0	0.00	198.7	2.3	0.0	0.0	350	25-May
PX08	87	146	30.10	28.2	13.3	0.0	0.00	164.2	1.1	0.0	0.0	350	26-May
PX08	87	147	29.90	30.3	13.0	0.0	0.00	112.3	1.7	0.0	0.0	350	27-May
PX08	87	148	30.10	32.7	16.4	0.0	0.00	121.0	1.3	0.0	0.0	350	28-May
PX08	87	149	30.40	34.6	16.4	0.0	0.00	121.0	3.9	0.0	0.0	350	29-May
PX08	87	150	30.80	37.6	17.6	0.0	0.00	103.7	2.3	0.0	0.0	350	30-May
PX08	87	151	31.40	38.8	18.5	0.0	0.00	129.6	2.9	0.0	0.0	350	31-May
PX08	87	152	31.40	39.9	21.8	0.5	0.00	172.8	3.4	0.0	0.0	350	01-Jun
PX08	87	153	31.00	40.9	20.9	0.0	0.00	121.0	5.4	0.0	0.0	350	02-Jun
PX08	87	154	28.70	42.0	21.1	0.0	0.00	95.0	4.8	0.0	0.0	350	03-Jun
PX08	87	155	28.50	39.9	26.3	0.0	0.00	224.6	10.1	0.0	0.0	350	04-Jun
PX08	87	156	19.60	39.4	24.8	0.0	0.00	181.4	10.3	0.0	0.0	350	05-Jun
PX08	87	157	30.80	35.1	23.8	1.8	0.00	129.6	15.7	0.0	0.0	350	06-Jun
PX08	87	158	31.20	40.5	23.5	0.0	0.00	164.2	12.4	0.0	0.0	350	07-Jun
PX08	87	159	31.60	41.0	22.9	0.0	0.00	146.8	7.3	0.0	0.0	350	08-Jun
PX08	87	160	32.00	40.0	22.1	0.0	0.00	112.3	7.4	0.0	0.0	350	09-Jun
PX08	87	161	32.00	42.0	21.0	0.0	0.00	112.3	7.1	0.0	0.0	350	10-Jun
PX08	87	162	30.40	40.7	21.1	0.0	0.00	95.0	7.0	0.0	0.0	350	11-Jun
PX08	87	163	30.10	41.6	25.1	0.0	0.00	77.8	10.6	0.0	0.0	350	12-Jun
PX08	87	164	29.90	44.0	24.5	0.0	0.00	25.9	8.9	0.0	0.0	350	13-Jun
PX08	87	165	30.40	46.4	26.2	0.0	0.00	86.4	8.5	0.0	0.0	350	14-Jun
PX08	87	166	32.00	42.0	26.0	0.0	0.00	129.6	7.7	0.0	0.0	350	15-Jun
PX08	87	167	31.20	39.4	21.1	0.0	0.00	43.2	7.4	0.0	0.0	350	16-Jun
PX08	87	168	32.00	41.1	20.2	0.0	0.00	43.2	7.4	0.0	0.0	350	17-Jun
PX08	87	169	32.20	40.6	19.8	0.0	0.00	103.7	8.1	0.0	0.0	350	18-Jun
PX08	87	170	30.10	38.7	19.3	0.0	0.00	17.3	7.4	0.0	0.0	350	19-Jun
PX08	87	171	28.30	38.8	19.6	0.0	0.00	25.9	6.2	0.0	0.0	350	20-Jun
PX08	87	172	32.00	39.5	19.5	0.0	0.00	60.5	8.6	0.0	0.0	350	21-Jun
PX08	87	173	32.00	39.2	21.3	0.0	0.00	51.8	8.9	0.0	0.0	350	22-Jun
PX08	87	174	31.00	39.0	21.1	0.0	0.00	34.6	12.2	0.0	0.0	350	23-Jun
PX08	87	175	30.10	40.4	23.3	0.0	0.00	34.6	13.7	0.0	0.0	350	24-Jun
PX08	87	176	16.50	39.4	27.7	0.0	0.00	8.6	11.5	0.0	0.0	350	25-Jun
PX08	87	177	30.60	42.2	24.7	0.0	0.00	34.6	8.2	0.0	0.0	350	26-Jun
PX08	87	178	31.00	41.9	25.7	0.0	0.00	43.2	9.3	0.0	0.0	350	27-Jun
PX08	87	179	31.40	41.3	24.4	0.0	0.00	77.8	9.0	0.0	0.0	350	28-Jun
PX08	87	180	31.60	41.6	23.5	0.0	0.00	95.0	7.5	0.0	0.0	350	29-Jun
PX08	87	181	31.20	39.8	20.0	0.0	0.00	146.9	7.3	0.0	0.0	350	30-Jun
PX08	87	182	27.90	38.4	22.3	0.0	0.00	103.7	6.4	0.0	0.0	350	01-Jul
PX08	87	183	31.60	39.4	18.4	0.0	0.00	103.7	5.8	0.0	0.0	350	02-Jul
PX08	87	184	31.40	40.0	20.0	0.0	0.00	103.7	6.8	0.0	0.0	350	03-Jul
PX08	87	185	32.40	37.9	19.6	1.3	0.00	155.5	6.2	0.0	0.0	350	04-Jul
PX08	87	186	32.20	40.3	19.8	0.0	0.00	138.2	6.7	0.0	0.0	350	05-Jul
PX08	87	187	31.20	40.1	21.8	0.0	0.00	112.3	6.8	0.0	0.0	350	06-Jul
PX08	87	188	23.90	38.8	21.0	0.0	0.00	112.3	9.3	0.0	0.0	350	07-Jul
PX08	87	189	20.50	39.7	20.1	0.0	0.00	129.6	9.0	0.0	0.0	350	08-Jul



INSTW	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
	JUL		XTMAX		XRAIN		WIND		STMAX	CO2			
PX08	87	190	19.70	40.6	20.8	0.0	0.00	241.9	9.4	0.0	0.0	350	09-Jul
PX08	87	191	27.90	39.0	21.7	0.0	0.00	172.8	9.7	0.0	0.0	350	10-Jul
PX08	87	192	31.00	39.8	20.6	0.0	0.00	129.6	10.1	0.0	0.0	350	11-Jul
PX08	87	193	28.90	40.0	22.3	0.0	0.00	103.7	11.1	0.0	0.0	350	12-Jul
PX08	87	194	29.70	42.9	23.5	0.0	0.00	103.7	11.6	0.0	0.0	350	13-Jul
PX08	87	195	27.50	42.6	25.9	0.0	0.00	207.4	15.7	0.0	0.0	350	14-Jul
PX08	87	196	23.70	39.4	26.8	0.0	0.00	181.4	20.5	0.0	0.0	350	15-Jul
PX08	87	197	16.10	35.4	24.0	0.0	0.00	198.7	19.2	0.0	0.0	350	16-Jul
PX08	87	198	30.60	38.5	21.3	0.0	0.00	302.4	13.1	0.0	0.0	350	17-Jul
PX08	87	199	27.50	36.9	22.7	0.0	0.00	207.4	14.8	0.0	0.0	350	18-Jul
PX08	87	200	30.10	39.5	21.2	0.0	0.00	146.9	13.6	0.0	0.0	350	19-Jul
PX08	87	201	26.40	42.0	26.9	0.0	0.00	155.5	18.9	0.0	0.0	350	20-Jul
PX08	87	202	21.10	41.9	23.0	15.2	0.00	233.3	16.8	0.0	0.0	350	21-Jul
PX08	87	203	29.50	39.2	18.5	0.0	0.00	121.0	12.8	0.0	0.0	350	22-Jul
PX08	87	204	30.10	41.0	20.0	0.0	0.00	112.3	13.0	0.0	0.0	350	23-Jul
PX08	87	205	27.70	42.2	22.5	0.0	0.00	138.2	11.2	0.0	0.0	350	24-Jul
PX08	87	206	23.50	43.0	30.5	0.0	0.00	155.5	15.0	0.0	0.0	350	25-Jul
PX08	87	207	26.00	43.2	25.8	0.0	0.00	198.7	18.4	0.0	0.0	350	26-Jul
PX08	87	208	23.10	37.3	25.1	11.9	0.00	190.1	19.2	0.0	0.0	350	27-Jul
PX08	87	209	21.70	34.8	24.7	1.3	0.00	121.0	20.4	0.0	0.0	350	28-Jul
PX08	87	210	23.50	38.4	25.1	0.0	0.00	129.6	19.6	0.0	0.0	350	29-Jul
PX08	87	211	28.50	39.5	26.7	0.0	0.00	198.7	19.7	0.0	0.0	350	30-Jul
PX08	87	212	21.70	40.4	23.4	0.0	0.00	129.6	21.9	0.0	0.0	350	31-Jul
PX08	87	213	27.50	37.4	25.7	18.0	0.00	172.8	22.6	0.0	0.0	350	01-Aug
PX08	87	214	28.40	40.0	28.7	0.0	0.00	224.6	22.8	0.0	0.0	350	02-Aug
PX08	87	215	25.90	40.4	26.5	0.0	0.00	121.0	21.9	0.0	0.0	350	03-Aug
PX08	87	216	27.80	40.1	24.4	0.0	0.00	172.8	22.5	0.0	0.0	350	04-Aug
PX08	87	217	27.20	36.4	23.4	12.7	0.00	121.0	22.2	0.0	0.0	350	05-Aug
PX08	87	218	23.30	38.1	27.5	0.0	0.00	146.9	23.3	0.0	0.0	350	06-Aug
PX08	87	219	25.40	40.4	28.0	0.0	0.00	138.2	17.7	0.0	0.0	350	07-Aug
PX08	87	220	27.50	41.5	26.6	0.0	0.00	112.3	16.5	0.0	0.0	350	08-Aug
PX08	87	221	19.40	38.9	27.4	0.0	0.00	129.6	17.3	0.0	0.0	350	09-Aug
PX08	87	222	24.40	40.5	25.3	0.0	0.00	164.2	18.1	0.0	0.0	350	10-Aug
PX08	87	223	12.50	30.2	23.3	7.9	0.00	95.0	21.3	0.0	0.0	350	11-Aug
PX08	87	224	27.30	36.8	24.3	0.0	0.00	146.9	19.8	0.0	0.0	350	12-Aug
PX08	87	225	28.00	38.2	24.8	0.0	0.00	129.6	18.3	0.0	0.0	350	13-Aug
PX08	87	226	28.30	39.0	28.5	0.0	0.00	285.1	16.5	0.0	0.0	350	14-Aug
PX08	87	227	28.80	38.2	21.5	0.0	0.00	181.4	11.0	0.0	0.0	350	15-Aug
PX08	87	228	28.10	39.1	20.3	0.0	0.00	112.3	9.5	0.0	0.0	350	16-Aug
PX08	87	229	27.80	41.5	20.0	0.0	0.00	95.0	10.9	0.0	0.0	350	17-Aug
PX08	87	230	27.40	41.1	21.9	0.0	0.00	103.7	14.6	0.0	0.0	350	18-Aug
PX08	87	231	25.90	38.9	25.4	0.0	0.00	129.6	16.5	0.0	0.0	350	19-Aug
PX08	87	232	26.00	40.5	29.6	0.0	0.00	155.5	18.9	0.0	0.0	350	20-Aug
PX08	87	233	24.90	40.7	27.4	0.0	0.00	146.9	17.6	0.0	0.0	350	21-Aug
PX08	87	234	24.80	38.7	28.1	0.0	0.00	181.4	18.9	0.0	0.0	350	22-Aug
PX08	87	235	17.80	35.5	24.5	3.6	0.00	121.0	20.2	0.0	0.0	350	23-Aug
PX08	87	236	19.40	38.4	24.2	3.0	0.00	224.6	18.6	0.0	0.0	350	24-Aug
PX08	87	237	21.60	36.1	22.0	21.1	0.00	138.2	17.8	0.0	0.0	350	25-Aug
PX08	87	238	25.60	35.5	21.7	0.0	0.00	172.8	15.4	0.0	0.0	350	26-Aug
PX08	87	239	25.70	36.6	20.5	0.0	0.00	95.0	13.5	0.0	0.0	350	27-Aug
PX08	87	240	24.80	39.2	22.7	0.0	0.00	103.7	13.4	0.0	0.0	350	28-Aug
PX08	87	241	25.00	40.6	23.9	0.0	0.00	146.9	13.2	0.0	0.0	350	29-Aug

INSTW	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
	JUL		XTMAX	XRAIN	WIND	STMAX	CO2						
PX08	87	242	25.60	40.1	22.7	0.0	0.00	86.4	13.2	0.0	0.0	350	30-Aug
PX08	87	243	25.30	42.4	24.4	0.0	0.00	138.2	12.0	0.0	0.0	350	31-Aug
PX08	87	244	25.40	39.9	28.1	0.0	0.00	198.7	12.8	0.0	0.0	350	01-Sep
PX08	87	245	25.80	38.9	24.2	0.0	0.00	146.9	12.0	0.0	0.0	350	02-Sep
PX08	87	246	10.40	33.8	25.4	0.0	0.00	129.6	15.8	0.0	0.0	350	03-Sep
PX08	87	247	23.60	33.7	24.1	0.0	0.00	146.9	17.3	0.0	0.0	350	04-Sep
PX08	87	248	23.70	35.3	23.6	0.0	0.00	95.0	16.3	0.0	0.0	350	05-Sep
PX08	87	249	23.70	36.6	23.0	0.0	0.00	95.0	14.5	0.0	0.0	350	06-Sep
PX08	87	250	24.30	37.3	21.2	0.0	0.00	103.7	9.8	0.0	0.0	350	07-Sep
PX08	87	251	24.70	37.6	18.4	0.0	0.00	95.0	8.2	0.0	0.0	350	08-Sep
PX08	87	252	23.50	36.9	18.6	0.0	0.00	103.7	7.0	0.0	0.0	350	09-Sep
PX08	87	253	22.90	38.0	19.3	0.0	0.00	95.0	8.0	0.0	0.0	350	10-Sep
PX08	87	254	23.10	38.0	21.2	0.0	0.00	129.6	7.1	0.0	0.0	350	11-Sep
PX08	87	255	23.40	37.1	19.8	0.0	0.00	181.4	7.8	0.0	0.0	350	12-Sep
PX08	87	256	22.60	33.8	21.5	0.0	0.00	293.8	9.9	0.0	0.0	350	13-Sep
PX08	87	257	22.00	32.8	17.0	0.0	0.00	103.7	7.8	0.0	0.0	350	14-Sep
PX08	87	258	22.30	34.2	17.8	0.0	0.00	112.3	10.1	0.0	0.0	350	15-Sep
PX08	87	259	18.50	34.7	19.2	0.0	0.00	103.7	12.2	0.0	0.0	350	16-Sep
PX08	87	260	15.10	34.0	19.4	0.0	0.00	164.2	14.6	0.0	0.0	350	17-Sep
PX08	87	261	21.50	34.1	19.3	0.0	0.00	112.3	16.8	0.0	0.0	350	18-Sep
PX08	87	262	21.50	36.4	20.7	0.0	0.00	112.3	16.4	0.0	0.0	350	19-Sep
PX08	87	263	21.60	37.5	19.9	0.0	0.00	129.6	16.1	0.0	0.0	350	20-Sep
PX08	87	264	17.40	36.1	21.9	0.0	0.00	164.2	17.4	0.0	0.0	350	21-Sep
PX08	87	265	15.00	36.5	20.3	0.0	0.00	164.2	17.3	0.0	0.0	350	22-Sep
PX08	87	266	15.10	31.4	18.6	9.7	0.00	103.7	18.3	0.0	0.0	350	23-Sep
PX08	87	267	18.20	32.4	19.7	6.9	0.00	86.4	18.6	0.0	0.0	350	24-Sep
PX08	87	268	21.20	34.6	20.1	0.5	0.00	86.4	17.9	0.0	0.0	350	25-Sep
PX08	87	269	20.00	35.9	19.6	0.0	0.00	103.7	17.8	0.0	0.0	350	26-Sep
PX08	87	270	20.40	37.3	20.3	0.0	0.00	77.8	17.7	0.0	0.0	350	27-Sep
PX08	87	271	19.40	37.4	20.1	0.0	0.00	103.7	15.4	0.0	0.0	350	28-Sep
PX08	87	272	20.50	38.0	20.7	0.0	0.00	190.1	10.6	0.0	0.0	350	29-Sep
PX08	87	273	20.80	36.7	19.6	0.0	0.00	129.6	10.0	0.0	0.0	350	30-Sep
PX08	87	274	20.60	36.4	24.4	0.0	0.00	129.6	7.4	0.0	0.0	350	01-Oct
PX08	87	275	20.40	37.0	19.6	0.0	0.00	181.4	8.0	0.0	0.0	350	02-Oct
PX08	87	276	20.20	37.7	18.9	0.0	0.00	112.3	2.1	0.0	0.0	350	03-Oct
PX08	87	277	19.90	37.9	18.3	0.0	0.00	60.5	4.3	0.0	0.0	350	04-Oct
PX08	87	278	19.60	39.3	19.9	0.0	0.00	69.1	3.6	0.0	0.0	350	05-Oct
PX08	87	279	23.50	40.2	17.7	0.0	0.00	77.1	2.3	0.0	0.0	350	06-Oct
PX08	87	280	17.50	39.7	17.1	0.0	0.00	95.0	2.9	0.0	0.0	350	07-Oct
PX08	87	281	19.10	39.6	17.4	0.0	0.00	129.6	5.1	0.0	0.0	350	08-Oct
PX08	87	282	18.30	37.7	19.3	0.0	0.00	138.2	8.8	0.0	0.0	350	09-Oct
PX08	87	283	19.00	37.1	19.1	0.0	0.00	121.0	9.5	0.0	0.0	350	10-Oct

FILENAME: PX100407.W87

WEATHER DATA FOR CO2=AMBIENT, IRR=DRY, NIT=+, REP=#2

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC      ↓      CO2YR WINDYR  
 PX10 33.40 112.00 2.30 0 1 1 0 1 350 0.0

	IYR	SOLRAD	XTMIN		XPAR		DEWPT	STMIN		A00			
<u>INSTW</u>	<u>JUL</u>	<u>XTMAX</u>	<u>XRAIN</u>	<u>WIND</u>	<u>STMAX</u>	<u>CO2</u>							
PX10	87	92	29.63	33.1	8.8	0.0	0.00	88.4	3.9	0.0	0.0	350	02-Apr
PX10	87	93	26.89	31.5	11.4	0.0	0.00	169.1	4.8	0.0	0.0	350	03-Apr
PX10	87	94	23.16	22.4	7.5	0.2	0.00	117.7	4.5	0.0	0.0	350	04-Apr
PX10	87	95	29.12	25.1	4.3	0.0	0.00	84.7	5.1	0.0	0.0	350	05-Apr
PX10	87	96	24.28	28.3	8.8	0.0	0.00	81.0	4.3	0.0	0.0	350	06-Apr
PX10	87	97	28.30	31.0	10.8	0.0	0.00	128.8	4.6	0.0	0.0	350	07-Apr
PX10	87	98	27.72	30.4	10.8	0.0	0.00	70.0	5.1	0.0	0.0	350	08-Apr
PX10	87	99	28.73	33.1	12.7	0.0	0.00	97.5	5.8	0.0	0.0	350	09-Apr
PX10	87	100	29.32	34.7	14.0	0.0	0.00	93.9	6.5	0.0	0.0	350	10-Apr
PX10	87	101	27.69	34.2	14.0	0.0	0.00	134.3	7.4	0.0	0.0	350	11-Apr
PX10	87	102	28.20	31.5	14.7	0.0	0.00	136.1	8.0	0.0	0.0	350	12-Apr
PX10	87	103	29.62	29.9	11.4	0.0	0.00	90.2	7.5	0.0	0.0	350	13-Apr
PX10	87	104	29.89	35.2	10.1	0.0	0.00	99.4	8.1	0.0	0.0	350	14-Apr
PX10	87	105	27.78	37.4	12.7	0.0	0.00	84.7	7.8	0.0	0.0	350	15-Apr
PX10	87	106	26.30	37.9	14.0	0.0	0.00	112.2	7.3	0.0	0.0	350	16-Apr
PX10	87	107	29.33	37.9	14.7	0.0	0.00	121.4	5.3	0.0	0.0	350	17-Apr
PX10	87	108	24.32	34.7	15.3	0.0	0.00	119.6	7.3	0.0	0.0	350	18-Apr
PX10	87	109	24.30	29.4	14.0	0.0	0.00	139.8	7.1	0.0	0.0	350	19-Apr
PX10	87	110	29.16	31.0	8.8	0.0	0.00	108.6	8.0	0.0	0.0	350	20-Apr
PX10	87	111	29.45	34.7	10.8	0.0	0.00	147.6	8.9	0.0	0.0	350	21-Apr
PX10	87	112	29.41	33.1	16.0	0.0	0.00	167.3	9.3	0.0	0.0	350	22-Apr
PX10	87	113	29.85	35.8	17.3	0.0	0.00	108.6	7.7	0.0	0.0	350	23-Apr
PX10	87	114	28.10	35.6	16.2	0.0	0.00	121.0	4.1	0.0	0.0	350	24-Apr
PX10	87	115	28.10	35.6	19.7	0.0	0.00	172.8	10.3	0.0	0.0	350	25-Apr
PX10	87	116	28.10	37.0	19.9	0.0	0.00	155.5	10.9	0.0	0.0	350	26-Apr
PX10	87	117	22.30	35.7	21.2	0.0	0.00	224.6	11.8	0.0	0.0	350	27-Apr
PX10	87	118	28.00	35.1	19.2	0.0	0.00	224.6	11.6	0.0	0.0	350	28-Apr
PX10	87	119	22.40	35.8	21.2	0.0	0.00	164.2	9.9	0.0	0.0	350	29-Apr
PX10	87	120	24.00	33.5	19.6	0.3	0.00	164.2	9.8	0.0	0.0	350	30-Apr
PX10	87	121	29.10	31.1	13.0	0.0	0.00	155.5	7.8	0.0	0.0	350	01-May
PX10	87	122	25.80	29.9	16.5	0.0	0.00	129.6	7.7	0.0	0.0	350	02-May
PX10	87	123	29.50	34.4	13.4	0.0	0.00	95.0	2.5	0.0	0.0	350	03-May
PX10	87	124	29.70	36.3	14.8	0.0	0.00	77.8	2.9	0.0	0.0	350	04-May
PX10	87	125	29.10	38.5	15.9	0.0	0.00	66.5	2.5	0.0	0.0	350	05-May
PX10	87	126	29.30	38.1	20.6	0.0	0.00	155.5	6.7	0.0	0.0	350	06-May
PX10	87	127	28.10	37.3	23.8	0.0	0.00	172.8	7.8	0.0	0.0	350	07-May
PX10	87	128	29.30	36.1	22.2	0.0	0.00	164.2	8.9	0.0	0.0	350	08-May
PX10	87	129	29.50	37.8	19.6	0.0	0.00	86.4	9.2	0.0	0.0	350	09-May
PX10	87	130	27.30	37.4	22.9	0.0	0.00	103.7	11.9	0.0	0.0	350	10-May
PX10	87	131	29.10	37.5	20.0	1.5	0.00	95.0	12.5	0.0	0.0	350	11-May
PX10	87	132	28.50	39.0	25.7	0.0	0.00	129.6	9.5	0.0	0.0	350	12-May
PX10	87	133	28.90	40.0	21.8	0.0	0.00	138.2	8.8	0.0	0.0	350	13-May
PX10	87	134	25.60	40.0	24.9	0.0	0.00	164.2	11.5	0.0	0.0	350	14-May
PX10	87	135	24.00	37.7	21.7	0.3	0.00	181.4	13.6	0.0	0.0	350	15-May
PX10	87	136	28.10	36.6	20.9	0.0	0.00	86.4	11.4	0.0	0.0	350	16-May
PX10	87	137	29.10	38.4	20.9	0.0	0.00	121.0	9.0	0.0	0.0	350	17-May

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2	
PX10 87 138	29.30	38.5	22.5	0.0	0.00	190.1	7.4	0.0	0.0	350	18-May	
PX10 87 139	24.40	35.2	21.7	0.0	0.00	172.8	6.4	0.0	0.0	350	19-May	
PX10 87 140	26.40	34.6	20.6	0.0	0.00	233.3	8.6	0.0	0.0	350	20-May	
PX10 87 141	29.50	32.3	17.1	0.0	0.00	138.2	8.2	0.0	0.0	350	21-May	
PX10 87 142	29.30	35.6	16.8	0.0	0.00	121.0	3.8	0.0	0.0	350	22-May	
PX10 87 143	31.20	35.7	17.4	0.0	0.00	146.9	-1.2	0.0	0.0	350	23-May	
PX10 87 144	28.30	34.3	17.2	0.0	0.00	129.6	0.6	0.0	0.0	350	24-May	
PX10 87 145	23.10	32.7	17.6	0.0	0.00	198.7	2.1	0.0	0.0	350	25-May	
PX10 87 146	30.10	27.8	13.6	0.0	0.00	164.2	1.5	0.0	0.0	350	26-May	
PX10 87 147	29.90	30.0	13.5	0.0	0.00	112.3	1.9	0.0	0.0	350	27-May	
PX10 87 148	30.10	32.9	16.4	0.0	0.00	121.0	2.7	0.0	0.0	350	28-May	
PX10 87 149	30.40	35.1	17.0	0.0	0.00	121.0	4.3	0.0	0.0	350	29-May	
PX10 87 150	30.80	37.5	17.8	0.0	0.00	103.7	5.0	0.0	0.0	350	30-May	
PX10 87 151	31.40	39.0	19.7	0.0	0.00	129.6	4.5	0.0	0.0	350	31-May	
PX10 87 152	31.40	40.5	22.0	0.5	0.00	172.8	3.9	0.0	0.0	350	01-Jun	
PX10 87 153	31.00	41.2	21.4	0.0	0.00	121.0	6.5	0.0	0.0	350	02-Jun	
PX10 87 154	28.70	42.7	21.2	0.0	0.00	95.0	5.6	0.0	0.0	350	03-Jun	
PX10 87 155	28.50	40.0	26.5	0.0	0.00	224.6	10.0	0.0	0.0	350	04-Jun	
PX10 87 156	19.60	39.5	25.3	0.0	0.00	181.4	10.3	0.0	0.0	350	05-Jun	
PX10 87 157	30.80	35.7	23.9	1.8	0.00	129.6	15.6	0.0	0.0	350	06-Jun	
PX10 87 158	31.20	41.5	23.5	0.0	0.00	164.2	6.5	0.0	0.0	350	07-Jun	
PX10 87 159	31.60	39.6	22.9	0.0	0.00	146.8	7.1	0.0	0.0	350	08-Jun	
PX10 87 160	32.00	41.4	22.0	0.0	0.00	112.3	5.0	0.0	0.0	350	09-Jun	
PX10 87 161	32.00	42.0	21.0	0.0	0.00	112.3	3.9	0.0	0.0	350	10-Jun	
PX10 87 162	30.40	40.9	21.7	0.0	0.00	95.0	5.9	0.0	0.0	350	11-Jun	
PX10 87 163	30.10	41.4	25.7	0.0	0.00	77.8	9.5	0.0	0.0	350	12-Jun	
PX10 87 164	29.90	43.6	24.9	0.0	0.00	25.9	8.5	0.0	0.0	350	13-Jun	
PX10 87 165	30.40	45.5	26.7	0.0	0.00	86.4	8.5	0.0	0.0	350	14-Jun	
PX10 87 166	32.00	42.5	26.7	0.0	0.00	129.6	4.8	0.0	0.0	350	15-Jun	
PX10 87 167	31.20	38.0	21.5	0.0	0.00	43.2	3.9	0.0	0.0	350	16-Jun	
PX10 87 168	32.00	40.6	21.0	0.0	0.00	43.2	5.0	0.0	0.0	350	17-Jun	
PX10 87 169	32.20	39.5	22.2	0.0	0.00	103.7	4.1	0.0	0.0	350	18-Jun	
PX10 87 170	30.10	38.9	19.9	0.0	0.00	17.3	3.6	0.0	0.0	350	19-Jun	
PX10 87 171	28.30	39.2	20.3	0.0	0.00	25.9	3.9	0.0	0.0	350	20-Jun	
PX10 87 172	32.00	40.0	20.2	0.0	0.00	60.5	5.3	0.0	0.0	350	21-Jun	
PX10 87 173	32.00	39.8	22.1	0.0	0.00	51.8	6.8	0.0	0.0	350	22-Jun	
PX10 87 174	31.00	38.6	22.2	0.0	0.00	34.6	10.6	0.0	0.0	350	23-Jun	
PX10 87 175	30.10	40.0	23.2	0.0	0.00	34.6	12.1	0.0	0.0	350	24-Jun	
PX10 87 176	16.50	39.1	27.6	0.0	0.00	8.6	12.9	0.0	0.0	350	25-Jun	
PX10 87 177	30.60	42.0	24.9	0.0	0.00	34.6	7.1	0.0	0.0	350	26-Jun	
PX10 87 178	31.00	42.4	25.9	0.0	0.00	43.2	9.8	0.0	0.0	350	27-Jun	
PX10 87 179	31.40	42.0	25.3	0.0	0.00	77.8	7.0	0.0	0.0	350	28-Jun	
PX10 87 180	31.60	41.7	23.8	0.0	0.00	95.0	5.8	0.0	0.0	350	29-Jun	
PX10 87 181	31.20	39.4	21.4	0.0	0.00	146.9	5.0	0.0	0.0	350	30-Jun	
PX10 87 182	27.90	38.6	22.6	0.0	0.00	103.7	3.6	0.0	0.0	350	01-Jul	
PX10 87 183	31.60	39.9	19.2	0.0	0.00	103.7	4.8	0.0	0.0	350	02-Jul	
PX10 87 184	31.40	40.7	20.7	0.0	0.00	103.7	5.4	0.0	0.0	350	03-Jul	
PX10 87 185	32.40	40.4	21.2	1.3	0.00	155.5	3.8	0.0	0.0	350	04-Jul	
PX10 87 186	32.20	41.2	20.8	0.0	0.00	138.2	5.3	0.0	0.0	350	05-Jul	
PX10 87 187	31.20	41.2	22.1	0.0	0.00	112.3	5.4	0.0	0.0	350	06-Jul	
PX10 87 188	23.90	39.0	21.9	0.0	0.00	112.3	8.9	0.0	0.0	350	07-Jul	
PX10 87 189	20.50	39.8	20.5	0.0	0.00	129.6	8.0	0.0	0.0	350	08-Jul	

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX10	87	190	19.70	40.7	21.0	0.0	0.00	241.9	6.7	0.0	0.0	350	09-Jul
PX10	87	191	27.90	40.0	22.1	0.0	0.00	172.8	8.1	0.0	0.0	350	10-Jul
PX10	87	192	31.00	40.8	21.7	0.0	0.00	129.6	9.0	0.0	0.0	350	11-Jul
PX10	87	193	28.90	41.4	22.9	0.0	0.00	103.7	9.7	0.0	0.0	350	12-Jul
PX10	87	194	29.70	44.0	24.4	0.0	0.00	103.7	9.3	0.0	0.0	350	13-Jul
PX10	87	195	27.50	42.1	26.0	0.0	0.00	207.4	16.2	0.0	0.0	350	14-Jul
PX10	87	196	23.70	38.2	27.5	0.0	0.00	181.4	17.7	0.0	0.0	350	15-Jul
PX10	87	197	16.10	34.9	26.1	0.0	0.00	198.7	17.5	0.0	0.0	350	16-Jul
PX10	87	198	30.60	38.2	21.9	0.0	0.00	302.4	11.1	0.0	0.0	350	17-Jul
PX10	87	199	27.50	36.9	22.9	0.0	0.00	207.4	13.1	0.0	0.0	350	18-Jul
PX10	87	200	30.10	39.7	21.4	0.0	0.00	146.9	10.6	0.0	0.0	350	19-Jul
PX10	87	201	26.40	42.4	27.3	0.0	0.00	155.5	16.2	0.0	0.0	350	20-Jul
PX10	87	202	21.10	40.7	23.3	15.2	0.00	233.3	14.6	0.0	0.0	350	21-Jul
PX10	87	203	29.50	38.6	18.6	0.0	0.00	121.0	9.5	0.0	0.0	350	22-Jul
PX10	87	204	30.10	40.6	20.5	0.0	0.00	112.3	8.1	0.0	0.0	350	23-Jul
PX10	87	205	27.70	42.4	23.6	0.0	0.00	138.2	10.0	0.0	0.0	350	24-Jul
PX10	87	206	23.50	43.2	30.8	0.0	0.00	155.5	16.0	0.0	0.0	350	25-Jul
PX10	87	207	26.00	43.7	25.7	0.0	0.00	198.7	18.8	0.0	0.0	350	26-Jul
PX10	87	208	23.10	38.2	25.4	11.9	0.00	190.1	20.1	0.0	0.0	350	27-Jul
PX10	87	209	21.70	34.8	24.8	1.3	0.00	121.0	20.8	0.0	0.0	350	28-Jul
PX10	87	210	23.50	38.5	25.3	0.0	0.00	129.6	19.5	0.0	0.0	350	29-Jul
PX10	87	211	28.50	39.0	27.0	0.0	0.00	198.7	18.7	0.0	0.0	350	30-Jul
PX10	87	212	21.70	39.5	23.3	0.0	0.00	129.6	21.3	0.0	0.0	350	31-Jul
PX10	87	213	27.50	37.1	25.3	18.0	0.00	172.8	21.9	0.0	0.0	350	01-Aug
PX10	87	214	28.40	40.0	28.5	0.0	0.00	224.6	21.1	0.0	0.0	350	02-Aug
PX10	87	215	25.90	40.3	26.4	0.0	0.00	121.0	19.9	0.0	0.0	350	03-Aug
PX10	87	216	27.80	39.2	24.3	0.0	0.00	172.8	20.6	0.0	0.0	350	04-Aug
PX10	87	217	27.20	36.8	24.2	12.7	0.00	121.0	22.4	0.0	0.0	350	05-Aug
PX10	87	218	23.30	37.8	27.3	0.0	0.00	146.9	22.2	0.0	0.0	350	06-Aug
PX10	87	219	25.40	40.4	28.1	0.0	0.00	138.2	17.7	0.0	0.0	350	07-Aug
PX10	87	220	27.50	41.4	26.9	0.0	0.00	112.3	16.5	0.0	0.0	350	08-Aug
PX10	87	221	19.40	39.3	27.7	0.0	0.00	129.6	17.3	0.0	0.0	350	09-Aug
PX10	87	222	24.40	41.2	25.1	0.0	0.00	164.2	18.1	0.0	0.0	350	10-Aug
PX10	87	223	12.50	30.0	23.2	7.9	0.00	95.0	21.5	0.0	0.0	350	11-Aug
PX10	87	224	27.30	36.7	24.3	0.0	0.00	146.9	19.9	0.0	0.0	350	12-Aug
PX10	87	225	28.00	38.4	24.7	0.0	0.00	129.6	15.7	0.0	0.0	350	13-Aug
PX10	87	226	28.30	39.0	25.0	0.0	0.00	285.1	13.1	0.0	0.0	350	14-Aug
PX10	87	227	28.80	38.3	22.1	0.0	0.00	181.4	10.7	0.0	0.0	350	15-Aug
PX10	87	228	28.10	39.1	20.7	0.0	0.00	112.3	8.6	0.0	0.0	350	16-Aug
PX10	87	229	27.80	41.5	20.5	0.0	0.00	95.0	9.7	0.0	0.0	350	17-Aug
PX10	87	230	27.40	40.0	22.4	0.0	0.00	103.7	12.9	0.0	0.0	350	18-Aug
PX10	87	231	25.90	38.7	25.5	0.0	0.00	129.6	15.0	0.0	0.0	350	19-Aug
PX10	87	232	26.00	40.3	29.5	0.0	0.00	155.5	17.7	0.0	0.0	350	20-Aug
PX10	87	233	24.90	40.5	27.4	0.0	0.00	146.9	17.2	0.0	0.0	350	21-Aug
PX10	87	234	24.80	38.4	27.8	0.0	0.00	181.4	18.9	0.0	0.0	350	22-Aug
PX10	87	235	17.80	34.7	24.4	3.6	0.00	121.0	20.1	0.0	0.0	350	23-Aug
PX10	87	236	19.40	38.3	24.0	3.0	0.00	224.6	19.1	0.0	0.0	350	24-Aug
PX10	87	237	21.60	34.2	20.9	21.1	0.00	138.2	20.2	0.0	0.0	350	25-Aug
PX10	87	238	25.60	35.3	20.9	0.0	0.00	172.8	16.4	0.0	0.0	350	26-Aug
PX10	87	239	25.70	36.9	21.0	0.0	0.00	95.0	13.7	0.0	0.0	350	27-Aug
PX10	87	240	24.80	39.7	23.1	0.0	0.00	103.7	13.4	0.0	0.0	350	28-Aug
PX10	87	241	25.00	41.3	24.6	0.0	0.00	146.9	13.2	0.0	0.0	350	29-Aug

	IYR	SOLRAD		XTMIN		XPAR	DEWPT		STMIN		A00		
INSTW	JUL	XTMAX	XRAIN	WIND	STMAX	CO2							
PX10	87	242	25.60	40.9	23.3	0.0	0.00	86.4	12.7	0.0	0.0	350	30-Aug
PX10	87	243	25.30	43.4	24.7	0.0	0.00	138.2	10.9	0.0	0.0	350	31-Aug
PX10	87	244	25.40	39.6	28.7	0.0	0.00	198.7	12.0	0.0	0.0	350	01-Sep
PX10	87	245	25.80	38.8	24.5	0.0	0.00	146.9	11.0	0.0	0.0	350	02-Sep
PX10	87	246	10.40	33.9	25.8	0.0	0.00	129.6	14.9	0.0	0.0	350	03-Sep
PX10	87	247	23.60	33.8	24.3	0.0	0.00	146.9	16.9	0.0	0.0	350	04-Sep
PX10	87	248	23.70	35.5	24.0	0.0	0.00	95.0	15.5	0.0	0.0	350	05-Sep
PX10	87	249	23.70	37.1	23.2	0.0	0.00	95.0	13.6	0.0	0.0	350	06-Sep
PX10	87	250	24.30	38.0	21.9	0.0	0.00	103.7	8.0	0.0	0.0	350	07-Sep
PX10	87	251	24.70	37.8	18.9	0.0	0.00	95.0	8.1	0.0	0.0	350	08-Sep
PX10	87	252	23.50	37.0	18.9	0.0	0.00	103.7	7.4	0.0	0.0	350	09-Sep
PX10	87	253	22.90	38.2	19.8	0.0	0.00	95.0	8.1	0.0	0.0	350	10-Sep
PX10	87	254	23.10	38.3	21.5	0.0	0.00	129.6	6.7	0.0	0.0	350	11-Sep
PX10	87	255	23.40	37.2	20.4	0.0	0.00	181.4	7.5	0.0	0.0	350	12-Sep
PX10	87	256	22.60	34.2	22.1	0.0	0.00	293.8	9.8	0.0	0.0	350	13-Sep
PX10	87	257	22.00	32.6	17.6	0.0	0.00	103.7	7.3	0.0	0.0	350	14-Sep
PX10	87	258	22.30	33.3	18.6	0.0	0.00	112.3	10.1	0.0	0.0	350	15-Sep
PX10	87	259	18.50	34.4	19.7	0.0	0.00	103.7	11.1	0.0	0.0	350	16-Sep
PX10	87	260	15.10	33.5	19.9	0.0	0.00	164.2	11.0	0.0	0.0	350	17-Sep
PX10	87	261	21.50	34.1	19.5	0.0	0.00	112.3	13.0	0.0	0.0	350	18-Sep
PX10	87	262	21.50	36.2	21.0	0.0	0.00	112.3	12.0	0.0	0.0	350	19-Sep
PX10	87	263	21.60	37.4	20.3	0.0	0.00	129.6	11.3	0.0	0.0	350	20-Sep
PX10	87	264	17.40	35.8	22.1	0.0	0.00	164.2	15.7	0.0	0.0	350	21-Sep
PX10	87	265	15.00	35.1	19.4	0.0	0.00	164.2	18.9	0.0	0.0	350	22-Sep
PX10	87	266	15.10	31.3	18.3	9.7	0.00	103.7	19.1	0.0	0.0	350	23-Sep
PX10	87	267	18.20	31.1	19.4	6.9	0.00	86.4	19.3	0.0	0.0	350	24-Sep
PX10	87	268	21.20	34.7	18.7	0.5	0.00	86.4	16.6	0.0	0.0	350	25-Sep
PX10	87	269	20.00	35.8	19.8	0.0	0.00	103.7	15.2	0.0	0.0	350	26-Sep
PX10	87	270	20.40	37.3	20.4	0.0	0.00	77.8	14.5	0.0	0.0	350	27-Sep
PX10	87	271	19.40	37.5	20.3	0.0	0.00	103.7	13.7	0.0	0.0	350	28-Sep
PX10	87	272	20.50	38.0	21.5	0.0	0.00	190.1	12.2	0.0	0.0	350	29-Sep
PX10	87	273	20.80	36.4	20.0	0.0	0.00	129.6	11.1	0.0	0.0	350	30-Sep
PX10	87	274	20.60	36.7	24.8	0.0	0.00	129.6	8.1	0.0	0.0	350	01-Oct
PX10	87	275	20.40	37.7	20.4	0.0	0.00	181.4	9.2	0.0	0.0	350	02-Oct
PX10	87	276	20.20	37.7	19.4	0.0	0.00	112.3	2.9	0.0	0.0	350	03-Oct
PX10	87	277	19.90	38.0	18.5	0.0	0.00	60.5	4.6	0.0	0.0	350	04-Oct
PX10	87	278	19.60	39.4	20.2	0.0	0.00	69.1	3.8	0.0	0.0	350	05-Oct
PX10	87	279	23.50	39.8	18.2	0.0	0.00	77.1	2.3	0.0	0.0	350	06-Oct
PX10	87	280	17.50	39.3	17.5	0.0	0.00	95.0	2.9	0.0	0.0	350	07-Oct
PX10	87	281	19.10	39.4	17.7	0.0	0.00	129.6	5.3	0.0	0.0	350	08-Oct
PX10	87	282	18.30	37.6	19.5	0.0	0.00	138.2	8.9	0.0	0.0	350	09-Oct
PX10	87	283	19.00	37.3	19.5	0.0	0.00	121.0	9.5	0.0	0.0	350	10-Oct

FILENAME: PX020407.W87

WEATHER DATA FOR CO2-AMBIENT, IRR-WET, NIT--, REP=#1

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC     ↓     CO2YR WINDYR  
 PX02 33.40 112.00 2.30 0 1 1 0 1 350 0.0

	IYR	SOLRAD	XTMIN	XPAR	DEWPT	STMIN	A00
<u>INSTW</u>	<u>JUL</u>	<u>XTMAX</u>	<u>XRAIN</u>	<u>WIND</u>	<u>STMAX</u>	<u>CO2</u>	
PX02	87	92	29.63	33.1	8.8	0.0	02-Apr
PX02	87	93	26.89	31.5	11.4	0.0	03-Apr
PX02	87	94	23.16	22.4	7.5	0.2	04-Apr
PX02	87	95	29.12	25.1	4.3	0.0	05-Apr
PX02	87	96	24.28	28.3	8.8	0.0	06-Apr
PX02	87	97	28.30	31.0	10.8	0.0	07-Apr
PX02	87	98	27.72	30.4	10.8	0.0	08-Apr
PX02	87	99	28.73	33.1	12.7	0.0	09-Apr
PX02	87	100	29.32	34.7	14.0	0.0	10-Apr
PX02	87	101	27.69	34.2	14.0	0.0	11-Apr
PX02	87	102	28.20	31.5	14.7	0.0	12-Apr
PX02	87	103	29.62	29.9	11.4	0.0	13-Apr
PX02	87	104	29.89	35.2	10.1	0.0	14-Apr
PX02	87	105	27.78	37.4	12.7	0.0	15-Apr
PX02	87	106	26.30	37.9	14.0	0.0	16-Apr
PX02	87	107	29.33	37.9	14.7	0.0	17-Apr
PX02	87	108	24.32	34.7	15.3	0.0	18-Apr
PX02	87	109	24.30	29.4	14.0	0.0	19-Apr
PX02	87	110	29.16	31.0	8.8	0.0	20-Apr
PX02	87	111	29.45	34.7	10.8	0.0	21-Apr
PX02	87	112	29.41	33.1	16.0	0.0	22-Apr
PX02	87	113	29.85	35.8	17.3	0.0	23-Apr
PX02	87	114	28.10	36.0	15.5	0.0	24-Apr
PX02	87	115	28.10	36.6	20.2	0.0	25-Apr
PX02	87	116	28.10	37.9	20.4	0.0	26-Apr
PX02	87	117	22.30	36.1	21.2	0.0	27-Apr
PX02	87	118	28.00	35.5	19.3	0.0	28-Apr
PX02	87	119	22.40	36.3	21.3	0.0	29-Apr
PX02	87	120	24.00	34.3	20.4	0.3	30-Apr
PX02	87	121	29.10	21.8	13.3	0.0	01-May
PX02	87	122	25.80	30.5	16.7	0.0	02-May
PX02	87	123	29.50	34.0	13.7	0.0	03-May
PX02	87	124	29.70	36.2	13.8	0.0	04-May
PX02	87	125	29.10	37.7	15.4	0.0	05-May
PX02	87	126	29.30	38.1	20.1	0.0	06-May
PX02	87	127	28.10	37.2	23.8	0.0	07-May
PX02	87	128	29.30	36.2	21.7	0.0	08-May
PX02	87	129	29.50	38.2	19.1	0.0	09-May
PX02	87	130	27.30	37.5	22.9	0.0	10-May
PX02	87	131	29.10	37.6	19.3	1.5	11-May
PX02	87	132	28.50	39.5	25.2	0.0	12-May
PX02	87	133	28.90	40.2	21.0	0.0	13-May
PX02	87	134	25.60	40.1	24.5	0.0	14-May
PX02	87	135	24.00	38.0	21.3	0.3	15-May
PX02	87	136	28.10	37.0	19.9	0.0	16-May
PX02	87	137	29.10	38.8	20.1	0.0	17-May

INSTW	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
	JUL		XTMAX		XRAIN	WIND		STMAX	CO2				
PX02	87	138	29.30	38.8	22.0	0.0	0.00	190.1	6.7	0.0	0.0	350	18-May
PX02	87	139	24.40	35.9	21.4	0.0	0.00	172.8	5.8	0.0	0.0	350	19-May
PX02	87	140	26.40	34.5	19.6	0.0	0.00	233.3	13.0	0.0	0.0	350	20-May
PX02	87	141	29.50	32.5	16.4	0.0	0.00	138.2	13.0	0.0	0.0	350	21-May
PX02	87	142	29.30	36.6	15.8	0.0	0.00	121.0	10.0	0.0	0.0	350	22-May
PX02	87	143	31.20	36.0	16.2	0.0	0.00	146.9	0.6	0.0	0.0	350	23-May
PX02	87	144	28.30	34.7	16.7	0.0	0.00	129.6	1.1	0.0	0.0	350	24-May
PX02	87	145	23.10	33.1	17.2	0.0	0.00	198.7	2.3	0.0	0.0	350	25-May
PX02	87	146	30.10	28.5	13.2	0.0	0.00	164.2	1.7	0.0	0.0	350	26-May
PX02	87	147	29.90	30.5	12.4	0.0	0.00	112.3	2.3	0.0	0.0	350	27-May
PX02	87	148	30.10	33.1	16.0	0.0	0.00	121.0	9.9	0.0	0.0	350	28-May
PX02	87	149	30.40	35.1	16.2	0.0	0.00	121.0	7.5	0.0	0.0	350	29-May
PX02	87	150	30.80	37.7	17.4	0.0	0.00	103.7	5.0	0.0	0.0	350	30-May
PX02	87	151	31.40	39.0	18.3	0.0	0.00	129.6	6.2	0.0	0.0	350	31-May
PX02	87	152	31.40	40.4	21.5	0.5	0.00	172.8	7.0	0.0	0.0	350	01-Jun
PX02	87	153	31.00	41.1	20.8	0.0	0.00	121.0	8.8	0.0	0.0	350	02-Jun
PX02	87	154	28.70	42.7	20.6	0.0	0.00	95.0	8.1	0.0	0.0	350	03-Jun
PX02	87	155	28.50	40.1	26.3	0.0	0.00	224.6	11.5	0.0	0.0	350	04-Jun
PX02	87	156	19.60	39.5	24.7	0.0	0.00	181.4	11.5	0.0	0.0	350	05-Jun
PX02	87	157	30.80	35.4	23.4	1.8	0.00	129.6	16.8	0.0	0.0	350	06-Jun
PX02	87	158	31.20	41.1	23.2	0.0	0.00	164.2	13.7	0.0	0.0	350	07-Jun
PX02	87	159	31.60	41.4	22.5	0.0	0.00	146.8	9.3	0.0	0.0	350	08-Jun
PX02	87	160	32.00	39.9	21.9	0.0	0.00	112.3	9.8	0.0	0.0	350	09-Jun
PX02	87	161	32.00	41.2	20.2	0.0	0.00	112.3	8.0	0.0	0.0	350	10-Jun
PX02	87	162	30.40	40.7	20.7	0.0	0.00	95.0	8.5	0.0	0.0	350	11-Jun
PX02	87	163	30.10	40.9	25.0	0.0	0.00	77.8	12.0	0.0	0.0	350	12-Jun
PX02	87	164	29.90	43.3	24.0	0.0	0.00	25.9	11.5	0.0	0.0	350	13-Jun
PX02	87	165	30.40	45.2	25.8	0.0	0.00	86.4	11.9	0.0	0.0	350	14-Jun
PX02	87	166	32.00	41.6	25.6	0.0	0.00	129.6	9.5	0.0	0.0	350	15-Jun
PX02	87	167	31.20	38.8	20.5	0.0	0.00	43.2	8.1	0.0	0.0	350	16-Jun
PX02	87	168	32.00	38.9	18.6	0.0	0.00	43.2	9.3	0.0	0.0	350	17-Jun
PX02	87	169	32.20	38.0	19.7	0.0	0.00	103.7	6.2	0.0	0.0	350	18-Jun
PX02	87	170	30.10	37.6	19.9	0.0	0.00	17.3	5.6	0.0	0.0	350	19-Jun
PX02	87	171	28.30	37.7	18.4	0.0	0.00	25.9	6.1	0.0	0.0	350	20-Jun
PX02	87	172	32.00	38.5	19.3	0.0	0.00	60.5	7.4	0.0	0.0	350	21-Jun
PX02	87	173	32.00	38.2	20.3	0.0	0.00	51.8	8.5	0.0	0.0	350	22-Jun
PX02	87	174	31.00	38.2	20.2	0.0	0.00	34.6	12.4	0.0	0.0	350	23-Jun
PX02	87	175	30.10	37.9	21.9	0.0	0.00	34.6	14.2	0.0	0.0	350	24-Jun
PX02	87	176	16.50	38.3	26.6	0.0	0.00	8.6	13.1	0.0	0.0	350	25-Jun
PX02	87	177	30.60	40.7	24.0	0.0	0.00	34.6	13.1	0.0	0.0	350	26-Jun
PX02	87	178	31.00	40.7	24.9	0.0	0.00	43.2	11.2	0.0	0.0	350	27-Jun
PX02	87	179	31.40	40.2	23.8	0.0	0.00	77.8	8.5	0.0	0.0	350	28-Jun
PX02	87	180	31.60	39.9	22.9	0.0	0.00	95.0	7.8	0.0	0.0	350	29-Jun
PX02	87	181	31.20	39.4	19.1	0.0	0.00	146.9	5.3	0.0	0.0	350	30-Jun
PX02	87	182	27.90	37.9	21.3	0.0	0.00	103.7	5.1	0.0	0.0	350	01-Jul
PX02	87	183	31.60	39.0	17.3	0.0	0.00	103.7	7.4	0.0	0.0	350	02-Jul
PX02	87	184	31.40	39.5	19.1	0.0	0.00	103.7	8.1	0.0	0.0	350	03-Jul
PX02	87	185	32.40	39.1	19.6	1.3	0.00	155.5	6.8	0.0	0.0	350	04-Jul
PX02	87	186	32.20	40.2	19.1	0.0	0.00	138.2	6.2	0.0	0.0	350	05-Jul
PX02	87	187	31.20	40.3	20.9	0.0	0.00	112.3	7.1	0.0	0.0	350	06-Jul
PX02	87	188	23.90	39.2	20.4	0.0	0.00	112.3	9.7	0.0	0.0	350	07-Jul
PX02	87	189	20.50	39.6	20.4	0.0	0.00	129.6	8.9	0.0	0.0	350	08-Jul



	YR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX02	87	190	19.70	40.4	20.5	0.0	0.00	241.9	7.8	0.0	0.0	350	09-Jul
PX02	87	191	27.90	40.1	20.9	0.0	0.00	172.8	8.4	0.0	0.0	350	10-Jul
PX02	87	192	31.00	39.7	20.0	0.0	0.00	129.6	8.9	0.0	0.0	350	11-Jul
PX02	87	193	28.90	40.4	21.9	0.0	0.00	103.7	9.0	0.0	0.0	350	12-Jul
PX02	87	194	29.70	42.8	23.3	0.0	0.00	103.7	16.4	0.0	0.0	350	13-Jul
PX02	87	195	27.50	42.0	25.1	0.0	0.00	207.4	13.0	0.0	0.0	350	14-Jul
PX02	87	196	23.70	37.4	26.6	0.0	0.00	181.4	16.4	0.0	0.0	350	15-Jul
PX02	87	197	16.10	34.5	25.7	0.0	0.00	198.7	18.1	0.0	0.0	350	16-Jul
PX02	87	198	30.60	38.1	21.2	0.0	0.00	302.4	11.3	0.0	0.0	350	17-Jul
PX02	87	199	27.50	36.5	22.5	0.0	0.00	207.4	13.6	0.0	0.0	350	18-Jul
PX02	87	200	30.10	39.1	21.2	0.0	0.00	146.9	11.2	0.0	0.0	350	19-Jul
PX02	87	201	26.40	41.9	27.1	0.0	0.00	155.5	16.6	0.0	0.0	350	20-Jul
PX02	87	202	21.10	41.4	22.1	15.2	0.00	233.3	15.0	0.0	0.0	350	21-Jul
PX02	87	203	29.50	38.2	17.8	0.0	0.00	121.0	10.4	0.0	0.0	350	22-Jul
PX02	87	204	30.10	40.3	19.4	0.0	0.00	112.3	8.6	0.0	0.0	350	23-Jul
PX02	87	205	27.70	41.9	22.0	0.0	0.00	138.2	10.4	0.0	0.0	350	24-Jul
PX02	87	206	23.50	42.6	30.4	0.0	0.00	155.5	16.4	0.0	0.0	350	25-Jul
PX02	87	207	26.00	43.4	25.9	0.0	0.00	198.7	19.7	0.0	0.0	350	26-Jul
PX02	87	208	23.10	37.0	24.9	11.9	0.00	190.1	21.2	0.0	0.0	350	27-Jul
PX02	87	209	21.70	34.5	24.6	1.3	0.00	121.0	21.6	0.0	0.0	350	28-Jul
PX02	87	210	23.50	37.4	24.4	0.0	0.00	129.6	20.5	0.0	0.0	350	29-Jul
PX02	87	211	28.50	39.0	25.9	0.0	0.00	198.7	19.7	0.0	0.0	350	30-Jul
PX02	87	212	21.70	39.5	23.2	0.0	0.00	129.6	22.0	0.0	0.0	350	31-Jul
PX02	87	213	27.50	37.4	25.1	18.0	0.00	172.8	23.2	0.0	0.0	350	01-Aug
PX02	87	214	28.40	39.3	28.3	0.0	0.00	224.6	23.1	0.0	0.0	350	02-Aug
PX02	87	215	25.90	39.1	24.8	0.0	0.00	121.0	21.3	0.0	0.0	350	03-Aug
PX02	87	216	27.80	38.8	24.5	0.0	0.00	172.8	21.2	0.0	0.0	350	04-Aug
PX02	87	217	27.20	35.7	24.4	12.7	0.00	121.0	23.3	0.0	0.0	350	05-Aug
PX02	87	218	23.30	37.0	27.1	0.0	0.00	146.9	23.1	0.0	0.0	350	06-Aug
PX02	87	219	25.40	39.5	27.8	0.0	0.00	138.2	19.1	0.0	0.0	350	07-Aug
PX02	87	220	27.50	39.4	26.5	0.0	0.00	112.3	18.7	0.0	0.0	350	08-Aug
PX02	87	221	19.40	37.7	27.2	0.0	0.00	129.6	19.8	0.0	0.0	350	09-Aug
PX02	87	222	24.40	39.4	25.2	0.0	0.00	164.2	19.7	0.0	0.0	350	10-Aug
PX02	87	223	12.50	29.8	23.2	7.9	0.00	95.0	22.4	0.0	0.0	350	11-Aug
PX02	87	224	27.30	36.8	24.1	0.0	0.00	146.9	21.2	0.0	0.0	350	12-Aug
PX02	87	225	28.00	37.4	24.1	0.0	0.00	129.6	17.3	0.0	0.0	350	13-Aug
PX02	87	226	28.30	38.8	24.1	0.0	0.00	285.1	14.3	0.0	0.0	350	14-Aug
PX02	87	227	28.80	37.3	21.1	0.0	0.00	181.4	12.4	0.0	0.0	350	15-Aug
PX02	87	228	28.10	38.5	20.3	0.0	0.00	112.3	10.4	0.0	0.0	350	16-Aug
PX02	87	229	27.80	40.1	20.1	0.0	0.00	95.0	10.7	0.0	0.0	350	17-Aug
PX02	87	230	27.40	39.7	22.0	0.0	0.00	103.7	13.0	0.0	0.0	350	18-Aug
PX02	87	231	25.90	37.2	24.3	0.0	0.00	129.6	15.8	0.0	0.0	350	19-Aug
PX02	87	232	26.00	39.3	29.1	0.0	0.00	155.5	17.8	0.0	0.0	350	20-Aug
PX02	87	233	24.90	39.0	26.9	0.0	0.00	146.9	17.7	0.0	0.0	350	21-Aug
PX02	87	234	24.80	37.1	27.3	0.0	0.00	181.4	19.7	0.0	0.0	350	22-Aug
PX02	87	235	17.80	33.9	22.4	3.6	0.00	121.0	20.5	0.0	0.0	350	23-Aug
PX02	87	236	19.40	36.8	23.8	3.0	0.00	224.6	19.5	0.0	0.0	350	24-Aug
PX02	87	237	21.60	34.8	22.0	21.1	0.00	138.2	18.9	0.0	0.0	350	25-Aug
PX02	87	238	25.60	33.5	21.1	0.0	0.00	172.8	16.6	0.0	0.0	350	26-Aug
PX02	87	239	25.70	35.6	19.8	0.0	0.00	95.0	14.6	0.0	0.0	350	27-Aug
PX02	87	240	24.80	38.7	21.7	0.0	0.00	103.7	14.9	0.0	0.0	350	28-Aug
PX02	87	241	25.00	39.1	23.0	0.0	0.00	146.9	15.0	0.0	0.0	350	29-Aug

INSTW	IYR	SOLRAD		XTMIN		XRAIN	XPAR	DEWPT		STMIN		CO2	A00
	JUL		XTMAX				WIND		STMAX				
PX02	87	242	25.60	38.6	22.2	0.0	0.00	86.4	14.8	0.0	0.0	350	30-Aug
PX02	87	243	25.30	41.3	23.9	0.0	0.00	138.2	13.0	0.0	0.0	350	31-Aug
PX02	87	244	25.40	38.9	27.2	0.0	0.00	198.7	13.8	0.0	0.0	350	01-Sep
PX02	87	245	25.80	38.1	23.4	0.0	0.00	146.9	13.3	0.0	0.0	350	02-Sep
PX02	87	246	10.40	33.0	25.5	0.0	0.00	129.6	16.9	0.0	0.0	350	03-Sep
PX02	87	247	23.60	33.1	23.8	0.0	0.00	146.9	18.5	0.0	0.0	350	04-Sep
PX02	87	248	23.70	34.4	23.4	0.0	0.00	95.0	17.7	0.0	0.0	350	05-Sep
PX02	87	249	23.70	35.7	22.7	0.0	0.00	95.0	16.2	0.0	0.0	350	06-Sep
PX02	87	250	24.30	36.6	21.5	0.0	0.00	103.7	12.0	0.0	0.0	350	07-Sep
PX02	87	251	24.70	36.6	18.2	0.0	0.00	95.0	9.9	0.0	0.0	350	08-Sep
PX02	87	252	23.50	35.3	17.4	0.0	0.00	103.7	9.5	0.0	0.0	350	09-Sep
PX02	87	253	22.90	36.7	18.3	0.0	0.00	95.0	10.0	0.0	0.0	350	10-Sep
PX02	87	254	23.10	37.4	20.9	0.0	0.00	129.6	8.8	0.0	0.0	350	11-Sep
PX02	87	255	23.40	36.4	19.2	0.0	0.00	181.4	9.7	0.0	0.0	350	12-Sep
PX02	87	256	22.60	33.7	21.3	0.0	0.00	293.8	11.6	0.0	0.0	350	13-Sep
PX02	87	257	22.00	32.0	16.4	0.0	0.00	103.7	9.8	0.0	0.0	350	14-Sep
PX02	87	258	22.30	33.4	17.2	0.0	0.00	112.3	12.4	0.0	0.0	350	15-Sep
PX02	87	259	18.50	33.7	18.5	0.0	0.00	103.7	12.5	0.0	0.0	350	16-Sep
PX02	87	260	15.10	33.2	18.9	0.0	0.00	164.2	11.1	0.0	0.0	350	17-Sep
PX02	87	261	21.50	33.4	18.9	0.0	0.00	112.3	13.3	0.0	0.0	350	18-Sep
PX02	87	262	21.50	35.5	20.5	0.0	0.00	112.3	11.9	0.0	0.0	350	19-Sep
PX02	87	263	21.60	36.5	19.4	0.0	0.00	129.6	11.2	0.0	0.0	350	20-Sep
PX02	87	264	17.40	35.4	21.6	0.0	0.00	164.2	15.4	0.0	0.0	350	21-Sep
PX02	87	265	15.00	36.2	19.9	0.0	0.00	164.2	16.4	0.0	0.0	350	22-Sep
PX02	87	266	15.10	33.1	17.9	9.7	0.00	103.7	20.8	0.0	0.0	350	23-Sep
PX02	87	267	18.20	33.0	18.3	6.9	0.00	86.4	22.2	0.0	0.0	350	24-Sep
PX02	87	268	21.20	34.1	18.5	0.5	0.00	86.4	17.9	0.0	0.0	350	25-Sep
PX02	87	269	20.00	35.5	19.1	0.0	0.00	103.7	15.9	0.0	0.0	350	26-Sep
PX02	87	270	20.40	37.0	19.5	0.0	0.00	77.8	15.1	0.0	0.0	350	27-Sep
PX02	87	271	19.40	37.4	19.6	0.0	0.00	103.7	14.9	0.0	0.0	350	28-Sep
PX02	87	272	20.50	38.3	20.5	0.0	0.00	190.1	14.3	0.0	0.0	350	29-Sep
PX02	87	273	20.80	36.1	19.1	0.0	0.00	129.6	14.0	0.0	0.0	350	30-Sep
PX02	87	274	20.60	36.5	24.4	0.0	0.00	129.6	11.0	0.0	0.0	350	01-Oct
PX02	87	275	20.40	37.2	19.3	0.0	0.00	181.4	10.5	0.0	0.0	350	02-Oct
PX02	87	276	20.20	37.5	18.6	0.0	0.00	112.3	10.1	0.0	0.0	350	03-Oct
PX02	87	277	19.90	37.5	17.9	0.0	0.00	60.5	9.8	0.0	0.0	350	04-Oct
PX02	87	278	19.60	38.9	19.1	0.0	0.00	69.1	6.4	0.0	0.0	350	05-Oct
PX02	87	279	23.50	39.2	17.2	0.0	0.00	77.1	3.0	0.0	0.0	350	06-Oct
PX02	87	280	17.50	38.8	16.8	0.0	0.00	95.0	3.6	0.0	0.0	350	07-Oct
PX02	87	281	19.10	38.9	17.0	0.0	0.00	129.6	6.5	0.0	0.0	350	08-Oct
PX02	87	282	18.30	37.3	19.0	0.0	0.00	138.2	10.6	0.0	0.0	350	09-Oct
PX02	87	283	19.00	36.7	19.0	0.0	0.00	121.0	11.6	0.0	0.0	350	10-Oct

FILENAME: PX160407.W87

WEATHER DATA FOR CO2=AMBIENT, IRR=WET, NIT=-, REP=#2

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC      ↓      CO2YR WINDYR  
 PX16 33.40 112.00 2.30 0 1 1 0 1 350 0.0

INSTW	IYR	SOLRAD	XTMIN		XPAR		DEWPT	STMIN		A00			
	JUL	XTMAX	XRAIN	WIND	STMAX	CO2							
PX16	87	92	29.63	33.1	8.8	0.0	0.00	88.4	3.9	0.0	0.0	350	02-Apr
PX16	87	93	26.89	31.5	11.4	0.0	0.00	169.1	4.8	0.0	0.0	350	03-Apr
PX16	87	94	23.16	22.4	7.5	0.2	0.00	117.7	4.5	0.0	0.0	350	04-Apr
PX16	87	95	29.12	25.1	4.3	0.0	0.00	84.7	5.1	0.0	0.0	350	05-Apr
PX16	87	96	24.28	28.3	8.8	0.0	0.00	81.0	4.3	0.0	0.0	350	06-Apr
PX16	87	97	28.30	31.0	10.8	0.0	0.00	128.8	4.6	0.0	0.0	350	07-Apr
PX16	87	98	27.72	30.4	10.8	0.0	0.00	70.0	5.1	0.0	0.0	350	08-Apr
PX16	87	99	28.73	33.1	12.7	0.0	0.00	97.5	5.8	0.0	0.0	350	09-Apr
PX16	87	100	29.32	34.7	14.0	0.0	0.00	93.9	6.5	0.0	0.0	350	10-Apr
PX16	87	101	27.69	34.2	14.0	0.0	0.00	134.3	7.4	0.0	0.0	350	11-Apr
PX16	87	102	28.20	31.5	14.7	0.0	0.00	136.1	8.0	0.0	0.0	350	12-Apr
PX16	87	103	29.62	29.9	11.4	0.0	0.00	90.2	7.5	0.0	0.0	350	13-Apr
PX16	87	104	29.89	35.2	10.1	0.0	0.00	99.4	8.1	0.0	0.0	350	14-Apr
PX16	87	105	27.78	37.4	12.7	0.0	0.00	84.7	7.8	0.0	0.0	350	15-Apr
PX16	87	106	26.30	37.9	14.0	0.0	0.00	112.2	7.3	0.0	0.0	350	16-Apr
PX16	87	107	29.33	37.9	14.7	0.0	0.00	121.4	5.3	0.0	0.0	350	17-Apr
PX16	87	108	24.32	34.7	15.3	0.0	0.00	119.6	7.3	0.0	0.0	350	18-Apr
PX16	87	109	24.30	29.4	14.0	0.0	0.00	139.8	7.1	0.0	0.0	350	19-Apr
PX16	87	110	29.16	31.0	8.8	0.0	0.00	108.6	8.0	0.0	0.0	350	20-Apr
PX16	87	111	29.45	34.7	10.8	0.0	0.00	147.6	8.9	0.0	0.0	350	21-Apr
PX16	87	112	29.41	33.1	16.0	0.0	0.00	167.3	9.3	0.0	0.0	350	22-Apr
PX16	87	113	29.85	35.8	17.3	0.0	0.00	108.6	7.7	0.0	0.0	350	23-Apr
PX16	87	114	28.10	36.4	15.6	0.0	0.00	121.0	5.1	0.0	0.0	350	24-Apr
PX16	87	115	28.10	36.3	20.3	0.0	0.00	172.8	12.8	0.0	0.0	350	25-Apr
PX16	87	116	28.10	38.2	20.7	0.0	0.00	155.5	10.1	0.0	0.0	350	26-Apr
PX16	87	117	22.30	36.5	21.8	0.0	0.00	224.6	10.4	0.0	0.0	350	27-Apr
PX16	87	118	28.00	36.2	19.2	0.0	0.00	224.6	11.8	0.0	0.0	350	28-Apr
PX16	87	119	22.40	36.5	22.0	0.0	0.00	164.2	7.1	0.0	0.0	350	29-Apr
PX16	87	120	24.00	34.3	20.8	0.3	0.00	164.2	8.9	0.0	0.0	350	30-Apr
PX16	87	121	29.10	31.9	13.6	0.0	0.00	155.5	5.0	0.0	0.0	350	01-May
PX16	87	122	25.80	30.6	16.9	0.0	0.00	129.6	4.1	0.0	0.0	350	02-May
PX16	87	123	29.50	34.1	13.9	0.0	0.00	95.0	4.6	0.0	0.0	350	03-May
PX16	87	124	29.70	36.5	15.1	0.0	0.00	77.8	9.7	0.0	0.0	350	04-May
PX16	87	125	29.10	38.6	16.2	0.0	0.00	66.5	4.5	0.0	0.0	350	05-May
PX16	87	126	29.30	37.9	20.9	0.0	0.00	155.5	13.6	0.0	0.0	350	06-May
PX16	87	127	28.10	37.4	24.0	0.0	0.00	172.8	7.4	0.0	0.0	350	07-May
PX16	87	128	29.30	35.0	21.8	0.0	0.00	164.2	13.5	0.0	0.0	350	08-May
PX16	87	129	29.50	37.9	18.9	0.0	0.00	86.4	11.1	0.0	0.0	350	09-May
PX16	87	130	27.30	37.1	22.5	0.0	0.00	103.7	10.9	0.0	0.0	350	10-May
PX16	87	131	29.10	37.1	19.2	1.5	0.00	95.0	14.3	0.0	0.0	350	11-May
PX16	87	132	28.50	39.6	25.2	0.0	0.00	129.6	13.4	0.0	0.0	350	12-May
PX16	87	133	28.90	40.0	21.2	0.0	0.00	138.2	12.5	0.0	0.0	350	13-May
PX16	87	134	25.60	39.9	23.2	0.0	0.00	164.2	14.1	0.0	0.0	350	14-May
PX16	87	135	24.00	37.6	19.5	0.3	0.00	181.4	16.7	0.0	0.0	350	15-May
PX16	87	136	28.10	36.8	18.7	0.0	0.00	86.4	12.6	0.0	0.0	350	16-May
PX16	87	137	29.10	36.6	18.9	0.0	0.00	121.0	10.3	0.0	0.0	350	17-May

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX16	87	138	29.30	36.7	20.9	0.0	0.00	190.1	9.4	0.0	0.0	350	18-May
PX16	87	139	24.40	34.3	20.9	0.0	0.00	172.8	9.2	0.0	0.0	350	19-May
PX16	87	140	26.40	34.5	19.6	0.0	0.00	233.3	11.4	0.0	0.0	350	20-May
PX16	87	141	29.50	32.2	16.9	0.0	0.00	138.2	8.5	0.0	0.0	350	21-May
PX16	87	142	29.30	34.9	14.6	0.0	0.00	121.0	8.5	0.0	0.0	350	22-May
PX16	87	143	31.20	35.7	17.3	0.0	0.00	146.9	6.4	0.0	0.0	350	23-May
PX16	87	144	28.30	34.5	17.2	0.0	0.00	129.6	7.0	0.0	0.0	350	24-May
PX16	87	145	23.10	33.1	17.5	0.0	0.00	198.7	8.0	0.0	0.0	350	25-May
PX16	87	146	30.10	28.0	13.4	0.0	0.00	164.2	6.4	0.0	0.0	350	26-May
PX16	87	147	29.90	29.9	13.3	0.0	0.00	112.3	7.1	0.0	0.0	350	27-May
PX16	87	148	30.10	31.5	16.2	0.0	0.00	121.0	3.4	0.0	0.0	350	28-May
PX16	87	149	30.40	34.6	16.5	0.0	0.00	121.0	4.1	0.0	0.0	350	29-May
PX16	87	150	30.80	37.2	17.4	0.0	0.00	103.7	1.9	0.0	0.0	350	30-May
PX16	87	151	31.40	38.7	18.8	0.0	0.00	129.6	2.5	0.0	0.0	350	31-May
PX16	87	152	31.40	39.9	22.0	0.5	0.00	172.8	2.9	0.0	0.0	350	01-Jun
PX16	87	153	31.00	40.8	20.9	0.0	0.00	121.0	5.4	0.0	0.0	350	02-Jun
PX16	87	154	28.70	42.2	21.2	0.0	0.00	95.0	4.8	0.0	0.0	350	03-Jun
PX16	87	155	28.50	39.5	25.5	0.0	0.00	224.6	9.2	0.0	0.0	350	04-Jun
PX16	87	156	19.60	39.2	25.2	0.0	0.00	181.4	9.4	0.0	0.0	350	05-Jun
PX16	87	157	30.80	34.3	23.4	1.8	0.00	129.6	15.8	0.0	0.0	350	06-Jun
PX16	87	158	31.20	40.4	22.8	0.0	0.00	164.2	12.2	0.0	0.0	350	07-Jun
PX16	87	159	31.60	40.0	23.3	0.0	0.00	146.8	7.4	0.0	0.0	350	08-Jun
PX16	87	160	32.00	39.3	21.8	0.0	0.00	112.3	7.7	0.0	0.0	350	09-Jun
PX16	87	161	32.00	40.3	21.6	0.0	0.00	112.3	12.7	0.0	0.0	350	10-Jun
PX16	87	162	30.40	39.9	21.0	0.0	0.00	95.0	11.0	0.0	0.0	350	11-Jun
PX16	87	163	30.10	40.4	25.3	0.0	0.00	77.8	12.4	0.0	0.0	350	12-Jun
PX16	87	164	29.90	42.4	24.4	0.0	0.00	25.9	13.0	0.0	0.0	350	13-Jun
PX16	87	165	30.40	44.6	26.0	0.0	0.00	86.4	14.1	0.0	0.0	350	14-Jun
PX16	87	166	32.00	41.2	26.3	0.0	0.00	129.6	11.6	0.0	0.0	350	15-Jun
PX16	87	167	31.20	38.6	21.3	0.0	0.00	43.2	10.3	0.0	0.0	350	16-Jun
PX16	87	168	32.00	39.0	20.3	0.0	0.00	43.2	13.0	0.0	0.0	350	17-Jun
PX16	87	169	32.20	38.2	20.5	0.0	0.00	103.7	6.1	0.0	0.0	350	18-Jun
PX16	87	170	30.10	37.8	19.6	0.0	0.00	17.3	12.4	0.0	0.0	350	19-Jun
PX16	87	171	28.30	37.9	19.5	0.0	0.00	25.9	4.1	0.0	0.0	350	20-Jun
PX16	87	172	32.00	38.3	19.6	0.0	0.00	60.5	5.6	0.0	0.0	350	21-Jun
PX16	87	173	32.00	37.9	21.7	0.0	0.00	51.8	8.0	0.0	0.0	350	22-Jun
PX16	87	174	31.00	37.9	21.2	0.0	0.00	34.6	11.3	0.0	0.0	350	23-Jun
PX16	87	175	30.10	39.2	22.0	0.0	0.00	34.6	13.3	0.0	0.0	350	24-Jun
PX16	87	176	16.50	38.5	26.9	0.0	0.00	8.6	12.9	0.0	0.0	350	25-Jun
PX16	87	177	30.60	41.1	24.0	0.0	0.00	34.6	12.2	0.0	0.0	350	26-Jun
PX16	87	178	31.00	40.9	25.5	0.0	0.00	43.2	10.1	0.0	0.0	350	27-Jun
PX16	87	179	31.40	40.2	24.2	0.0	0.00	77.8	7.8	0.0	0.0	350	28-Jun
PX16	87	180	31.60	39.8	23.2	0.0	0.00	95.0	7.4	0.0	0.0	350	29-Jun
PX16	87	181	31.20	39.4	20.6	0.0	0.00	146.9	5.8	0.0	0.0	350	30-Jun
PX16	87	182	27.90	38.1	21.8	0.0	0.00	103.7	10.5	0.0	0.0	350	01-Jul
PX16	87	183	31.60	39.1	18.4	0.0	0.00	103.7	7.7	0.0	0.0	350	02-Jul
PX16	87	184	31.40	39.5	20.5	0.0	0.00	103.7	5.9	0.0	0.0	350	03-Jul
PX16	87	185	32.40	39.2	19.9	1.3	0.00	155.5	3.9	0.0	0.0	350	04-Jul
PX16	87	186	32.20	39.8	20.7	0.0	0.00	138.2	4.3	0.0	0.0	350	05-Jul
PX16	87	187	31.20	40.1	22.0	0.0	0.00	112.3	3.8	0.0	0.0	350	06-Jul
PX16	87	188	23.90	38.9	21.5	0.0	0.00	112.3	7.0	0.0	0.0	350	07-Jul
PX16	87	189	20.50	39.6	20.8	0.0	0.00	129.6	6.7	0.0	0.0	350	08-Jul

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX16	87	190	19.70	40.3	21.4	0.0	0.00	241.9	6.1	0.0	0.0	350	09-Jul
PX16	87	191	27.90	39.0	21.8	0.0	0.00	172.8	7.4	0.0	0.0	350	10-Jul
PX16	87	192	31.00	39.4	21.2	0.0	0.00	129.6	7.4	0.0	0.0	350	11-Jul
PX16	87	193	28.90	39.8	21.4	0.0	0.00	103.7	8.6	0.0	0.0	350	12-Jul
PX16	87	194	29.70	42.1	23.4	0.0	0.00	103.7	9.9	0.0	0.0	350	13-Jul
PX16	87	195	27.50	42.1	25.5	0.0	0.00	207.4	13.6	0.0	0.0	350	14-Jul
PX16	87	196	23.70	38.3	27.4	0.0	0.00	181.4	16.5	0.0	0.0	350	15-Jul
PX16	87	197	16.10	34.8	25.8	0.0	0.00	198.7	18.4	0.0	0.0	350	16-Jul
PX16	87	198	30.60	37.9	21.1	0.0	0.00	302.4	13.8	0.0	0.0	350	17-Jul
PX16	87	199	27.50	36.4	22.6	0.0	0.00	207.4	15.6	0.0	0.0	350	18-Jul
PX16	87	200	30.10	38.7	21.0	0.0	0.00	146.9	15.0	0.0	0.0	350	19-Jul
PX16	87	201	26.40	41.7	26.6	0.0	0.00	155.5	18.5	0.0	0.0	350	20-Jul
PX16	87	202	21.10	41.1	22.4	15.2	0.00	233.3	13.7	0.0	0.0	350	21-Jul
PX16	87	203	29.50	38.6	18.0	0.0	0.00	121.0	8.8	0.0	0.0	350	22-Jul
PX16	87	204	30.10	40.5	19.7	0.0	0.00	112.3	10.0	0.0	0.0	350	23-Jul
PX16	87	205	27.70	42.1	23.2	0.0	0.00	138.2	8.6	0.0	0.0	350	24-Jul
PX16	87	206	23.50	42.4	30.4	0.0	0.00	155.5	14.9	0.0	0.0	350	25-Jul
PX16	87	207	26.00	42.6	25.9	0.0	0.00	198.7	18.3	0.0	0.0	350	26-Jul
PX16	87	208	23.10	36.8	23.3	11.9	0.00	190.1	23.4	0.0	0.0	350	27-Jul
PX16	87	209	21.70	34.7	24.3	1.3	0.00	121.0	22.4	0.0	0.0	350	28-Jul
PX16	87	210	23.50	37.8	25.2	0.0	0.00	129.6	21.0	0.0	0.0	350	29-Jul
PX16	87	211	28.50	38.9	26.5	0.0	0.00	198.7	18.7	0.0	0.0	350	30-Jul
PX16	87	212	21.70	39.2	21.9	0.0	0.00	129.6	21.3	0.0	0.0	350	31-Jul
PX16	87	213	27.50	36.7	25.6	18.0	0.00	172.8	21.7	0.0	0.0	350	01-Aug
PX16	87	214	28.40	39.1	28.3	0.0	0.00	224.6	21.1	0.0	0.0	350	02-Aug
PX16	87	215	25.90	39.3	26.3	0.0	0.00	121.0	20.2	0.0	0.0	350	03-Aug
PX16	87	216	27.80	39.5	24.4	0.0	0.00	172.8	20.5	0.0	0.0	350	04-Aug
PX16	87	217	27.20	36.7	24.2	12.7	0.00	121.0	22.3	0.0	0.0	350	05-Aug
PX16	87	218	23.30	38.9	27.0	0.0	0.00	146.9	22.3	0.0	0.0	350	06-Aug
PX16	87	219	25.40	41.2	26.6	0.0	0.00	138.2	18.8	0.0	0.0	350	07-Aug
PX16	87	220	27.50	40.6	23.9	0.0	0.00	112.3	18.4	0.0	0.0	350	08-Aug
PX16	87	221	19.40	38.2	27.1	0.0	0.00	129.6	18.1	0.0	0.0	350	09-Aug
PX16	87	222	24.40	39.9	25.1	0.0	0.00	164.2	19.8	0.0	0.0	350	10-Aug
PX16	87	223	12.50	30.0	23.0	7.9	0.00	95.0	21.5	0.0	0.0	350	11-Aug
PX16	87	224	27.30	36.9	24.1	0.0	0.00	146.9	20.0	0.0	0.0	350	12-Aug
PX16	87	225	28.00	38.4	24.2	0.0	0.00	129.6	17.1	0.0	0.0	350	13-Aug
PX16	87	226	28.30	38.6	24.6	0.0	0.00	285.1	14.2	0.0	0.0	350	14-Aug
PX16	87	227	28.80	37.5	22.1	0.0	0.00	181.4	12.7	0.0	0.0	350	15-Aug
PX16	87	228	28.10	38.0	20.0	0.0	0.00	112.3	12.5	0.0	0.0	350	16-Aug
PX16	87	229	27.80	40.6	19.4	0.0	0.00	95.0	15.0	0.0	0.0	350	17-Aug
PX16	87	230	27.40	40.5	21.3	0.0	0.00	103.7	14.2	0.0	0.0	350	18-Aug
PX16	87	231	25.90	38.7	25.4	0.0	0.00	129.6	14.7	0.0	0.0	350	19-Aug
PX16	87	232	26.00	39.8	29.5	0.0	0.00	155.5	17.3	0.0	0.0	350	20-Aug
PX16	87	233	24.90	39.7	27.2	0.0	0.00	146.9	18.6	0.0	0.0	350	21-Aug
PX16	87	234	24.80	37.7	27.8	0.0	0.00	181.4	21.0	0.0	0.0	350	22-Aug
PX16	87	235	17.80	34.6	24.5	3.6	0.00	121.0	21.5	0.0	0.0	350	23-Aug
PX16	87	236	19.40	36.7	24.0	3.0	0.00	224.6	20.6	0.0	0.0	350	24-Aug
PX16	87	237	21.60	35.1	21.7	21.1	0.00	138.2	20.1	0.0	0.0	350	25-Aug
PX16	87	238	25.60	34.2	21.4	0.0	0.00	172.8	18.0	0.0	0.0	350	26-Aug
PX16	87	239	25.70	35.5	20.3	0.0	0.00	95.0	17.0	0.0	0.0	350	27-Aug
PX16	87	240	24.80	38.0	22.4	0.0	0.00	103.7	17.2	0.0	0.0	350	28-Aug
PX16	87	241	25.00	39.4	24.0	0.0	0.00	146.9	16.4	0.0	0.0	350	29-Aug

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX16	87	242	25.60	39.0	22.6	0.0	0.00	86.4	16.1	0.0	0.0	350	30-Aug
PX16	87	243	25.30	41.1	24.3	0.0	0.00	138.2	15.7	0.0	0.0	350	31-Aug
PX16	87	244	25.40	39.2	28.1	0.0	0.00	198.7	14.7	0.0	0.0	350	01-Sep
PX16	87	245	25.80	38.2	24.1	0.0	0.00	146.9	13.4	0.0	0.0	350	02-Sep
PX16	87	246	10.40	33.4	24.8	0.0	0.00	129.6	19.2	0.0	0.0	350	03-Sep
PX16	87	247	23.60	32.9	23.9	0.0	0.00	146.9	16.8	0.0	0.0	350	04-Sep
PX16	87	248	23.70	34.4	23.3	0.0	0.00	95.0	15.8	0.0	0.0	350	05-Sep
PX16	87	249	23.70	35.7	22.8	0.0	0.00	95.0	13.7	0.0	0.0	350	06-Sep
PX16	87	250	24.30	36.2	20.6	0.0	0.00	103.7	9.4	0.0	0.0	350	07-Sep
PX16	87	251	24.70	36.0	17.5	0.0	0.00	95.0	9.4	0.0	0.0	350	08-Sep
PX16	87	252	23.50	36.0	18.4	0.0	0.00	103.7	9.2	0.0	0.0	350	09-Sep
PX16	87	253	22.90	37.1	19.0	0.0	0.00	95.0	12.6	0.0	0.0	350	10-Sep
PX16	87	254	23.10	36.8	21.1	0.0	0.00	129.6	10.3	0.0	0.0	350	11-Sep
PX16	87	255	23.40	36.3	20.0	0.0	0.00	181.4	7.4	0.0	0.0	350	12-Sep
PX16	87	256	22.60	32.7	21.1	0.0	0.00	293.8	9.7	0.0	0.0	350	13-Sep
PX16	87	257	22.00	31.0	17.3	0.0	0.00	103.7	7.7	0.0	0.0	350	14-Sep
PX16	87	258	22.30	33.7	18.0	0.0	0.00	112.3	9.9	0.0	0.0	350	15-Sep
PX16	87	259	18.50	34.3	19.4	0.0	0.00	103.7	13.3	0.0	0.0	350	16-Sep
PX16	87	260	15.10	33.7	19.3	0.0	0.00	164.2	14.8	0.0	0.0	350	17-Sep
PX16	87	261	21.50	33.8	18.7	0.0	0.00	112.3	16.0	0.0	0.0	350	18-Sep
PX16	87	262	21.50	36.3	20.4	0.0	0.00	112.3	14.5	0.0	0.0	350	19-Sep
PX16	87	263	21.60	37.1	20.1	0.0	0.00	129.6	10.6	0.0	0.0	350	20-Sep
PX16	87	264	17.40	35.6	20.8	0.0	0.00	164.2	17.2	0.0	0.0	350	21-Sep
PX16	87	265	15.00	36.2	19.7	0.0	0.00	164.2	16.4	0.0	0.0	350	22-Sep
PX16	87	266	15.10	32.0	18.5	9.7	0.00	103.7	18.0	0.0	0.0	350	23-Sep
PX16	87	267	18.20	33.5	19.4	6.9	0.00	86.4	16.8	0.0	0.0	350	24-Sep
PX16	87	268	21.20	34.7	18.8	0.5	0.00	86.4	15.8	0.0	0.0	350	25-Sep
PX16	87	269	20.00	36.2	19.8	0.0	0.00	103.7	16.1	0.0	0.0	350	26-Sep
PX16	87	270	20.40	37.7	20.0	0.0	0.00	77.8	15.5	0.0	0.0	350	27-Sep
PX16	87	271	19.40	37.7	19.5	0.0	0.00	103.7	14.8	0.0	0.0	350	28-Sep
PX16	87	272	20.50	38.9	20.0	0.0	0.00	190.1	13.2	0.0	0.0	350	29-Sep
PX16	87	273	20.80	36.5	19.1	0.0	0.00	129.6	14.6	0.0	0.0	350	30-Sep
PX16	87	274	20.60	36.5	23.9	0.0	0.00	129.6	16.1	0.0	0.0	350	01-Oct
PX16	87	275	20.40	37.0	19.0	0.0	0.00	181.4	15.0	0.0	0.0	350	02-Oct
PX16	87	276	20.20	37.5	17.3	0.0	0.00	112.3	3.4	0.0	0.0	350	03-Oct
PX16	87	277	19.90	37.9	17.6	0.0	0.00	60.5	4.8	0.0	0.0	350	04-Oct
PX16	87	278	19.60	39.2	19.4	0.0	0.00	69.1	7.8	0.0	0.0	350	05-Oct
PX16	87	279	23.50	40.1	18.5	0.0	0.00	77.1	11.0	0.0	0.0	350	06-Oct
PX16	87	280	17.50	39.5	17.1	0.0	0.00	95.0	2.7	0.0	0.0	350	07-Oct
PX16	87	281	19.10	39.4	17.7	0.0	0.00	129.6	4.5	0.0	0.0	350	08-Oct
PX16	87	282	18.30	37.5	19.5	0.0	0.00	138.2	12.5	0.0	0.0	350	09-Oct
PX16	87	283	19.00	36.7	19.5	0.0	0.00	121.0	15.6	0.0	0.0	350	10-Oct

FILENAME: PX030407.W87

WEATHER DATA FOR CO2=AMBIENT, IRR=WET, NIT=+, REP=#1

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC      ↓      CO2YR WINDYR  
 PX03 33.40 112.00 2.30 0 1 1 0 1 350 0.0

INSTW	IYR	SOLRAD		XTMIN		XRAIN	XPAR	WIND	DEWPT	STMAX	STMIN	CO2	A00
		JUL		XTMAX									
PX03	87	92	29.63	33.1	8.8	0.0	0.00	88.4	3.9	0.0	0.0	350	02-Apr
PX03	87	93	26.89	31.5	11.4	0.0	0.00	169.1	4.8	0.0	0.0	350	03-Apr
PX03	87	94	23.16	22.4	7.5	0.2	0.00	117.7	4.5	0.0	0.0	350	04-Apr
PX03	87	95	29.12	25.1	4.3	0.0	0.00	84.7	5.1	0.0	0.0	350	05-Apr
PX03	87	96	24.28	28.3	8.8	0.0	0.00	81.0	4.3	0.0	0.0	350	06-Apr
PX03	87	97	28.30	31.0	10.8	0.0	0.00	128.8	4.6	0.0	0.0	350	07-Apr
PX03	87	98	27.72	30.4	10.8	0.0	0.00	70.0	5.1	0.0	0.0	350	08-Apr
PX03	87	99	28.73	33.1	12.7	0.0	0.00	97.5	5.8	0.0	0.0	350	09-Apr
PX03	87	100	29.32	34.7	14.0	0.0	0.00	93.9	6.5	0.0	0.0	350	10-Apr
PX03	87	101	27.69	34.2	14.0	0.0	0.00	134.3	7.4	0.0	0.0	350	11-Apr
PX03	87	102	28.20	31.5	14.7	0.0	0.00	136.1	8.0	0.0	0.0	350	12-Apr
PX03	87	103	29.62	29.9	11.4	0.0	0.00	90.2	7.5	0.0	0.0	350	13-Apr
PX03	87	104	29.89	35.2	10.1	0.0	0.00	99.4	8.1	0.0	0.0	350	14-Apr
PX03	87	105	27.78	37.4	12.7	0.0	0.00	84.7	7.8	0.0	0.0	350	15-Apr
PX03	87	106	26.30	37.9	14.0	0.0	0.00	112.2	7.3	0.0	0.0	350	16-Apr
PX03	87	107	29.33	37.9	14.7	0.0	0.00	121.4	5.3	0.0	0.0	350	17-Apr
PX03	87	108	24.32	34.7	15.3	0.0	0.00	119.6	7.3	0.0	0.0	350	18-Apr
PX03	87	109	24.30	29.4	14.0	0.0	0.00	139.8	7.1	0.0	0.0	350	19-Apr
PX03	87	110	29.16	31.0	8.8	0.0	0.00	108.6	8.0	0.0	0.0	350	20-Apr
PX03	87	111	29.45	34.7	10.8	0.0	0.00	147.6	8.9	0.0	0.0	350	21-Apr
PX03	87	112	29.41	33.1	16.0	0.0	0.00	167.3	9.3	0.0	0.0	350	22-Apr
PX03	87	113	29.85	35.8	17.3	0.0	0.00	108.6	7.7	0.0	0.0	350	23-Apr
PX03	87	114	28.10	36.0	14.1	0.0	0.00	121.0	3.4	0.0	0.0	350	24-Apr
PX03	87	115	28.10	36.5	20.2	0.0	0.00	172.8	7.1	0.0	0.0	350	25-Apr
PX03	87	116	28.10	37.8	20.5	0.0	0.00	155.5	7.4	0.0	0.0	350	26-Apr
PX03	87	117	22.30	35.9	21.2	0.0	0.00	224.6	9.2	0.0	0.0	350	27-Apr
PX03	87	118	28.00	36.5	19.3	0.0	0.00	224.6	9.3	0.0	0.0	350	28-Apr
PX03	87	119	22.40	36.5	21.3	0.0	0.00	164.2	8.1	0.0	0.0	350	29-Apr
PX03	87	120	24.00	34.4	20.6	0.3	0.00	164.2	9.0	0.0	0.0	350	30-Apr
PX03	87	121	29.10	31.5	13.3	0.0	0.00	155.5	7.0	0.0	0.0	350	01-May
PX03	87	122	25.80	30.3	16.7	0.0	0.00	129.6	7.0	0.0	0.0	350	02-May
PX03	87	123	29.50	33.8	13.7	0.0	0.00	95.0	1.9	0.0	0.0	350	03-May
PX03	87	124	29.70	36.3	13.7	0.0	0.00	77.8	-0.0	0.0	0.0	350	04-May
PX03	87	125	29.10	37.9	15.5	0.0	0.00	66.5	2.5	0.0	0.0	350	05-May
PX03	87	126	29.30	38.1	20.0	0.0	0.00	155.5	7.0	0.0	0.0	350	06-May
PX03	87	127	28.10	37.2	23.8	0.0	0.00	172.8	8.8	0.0	0.0	350	07-May
PX03	87	128	29.30	36.0	22.0	0.0	0.00	164.2	11.2	0.0	0.0	350	08-May
PX03	87	129	29.50	37.7	19.3	0.0	0.00	86.4	8.2	0.0	0.0	350	09-May
PX03	87	130	27.30	36.5	22.9	0.0	0.00	103.7	11.2	0.0	0.0	350	10-May
PX03	87	131	29.10	36.9	19.3	1.5	0.00	95.0	16.2	0.0	0.0	350	11-May
PX03	87	132	28.50	38.6	25.3	0.0	0.00	129.6	7.7	0.0	0.0	350	12-May
PX03	87	133	28.90	39.6	21.0	0.0	0.00	138.2	8.2	0.0	0.0	350	13-May
PX03	87	134	25.60	39.7	24.4	0.0	0.00	164.2	11.2	0.0	0.0	350	14-May
PX03	87	135	24.00	37.6	21.3	0.3	0.00	181.4	13.3	0.0	0.0	350	15-May
PX03	87	136	28.10	36.8	19.8	0.0	0.00	86.4	10.6	0.0	0.0	350	16-May
PX03	87	137	29.10	38.6	20.1	0.0	0.00	121.0	8.2	0.0	0.0	350	17-May

INSTW	IYR	SOLRAD		XTMIN		XRAIN	XPAR		DEWPT		STMIN		A00
	JUL	JUL	XTMAX	XTMAX	XTMAX		WIND	WIND	STMAX	CO2			
PX03	87	138	29.30	38.6	21.9	0.0	0.00	190.1	6.7	0.0	0.0	350	18-May
PX03	87	139	24.40	35.5	21.5	0.0	0.00	172.8	5.8	0.0	0.0	350	19-May
PX03	87	140	26.40	34.7	20.1	0.0	0.00	233.3	10.9	0.0	0.0	350	20-May
PX03	87	141	29.50	32.5	16.3	0.0	0.00	138.2	11.4	0.0	0.0	350	21-May
PX03	87	142	29.30	36.1	16.0	0.0	0.00	121.0	6.8	0.0	0.0	350	22-May
PX03	87	143	31.20	35.7	16.3	0.0	0.00	146.9	-0.5	0.0	0.0	350	23-May
PX03	87	144	28.30	34.2	16.8	0.0	0.00	129.6	0.4	0.0	0.0	350	24-May
PX03	87	145	23.10	32.7	17.2	0.0	0.00	198.7	2.1	0.0	0.0	350	25-May
PX03	87	146	30.10	27.7	13.4	0.0	0.00	164.2	1.3	0.0	0.0	350	26-May
PX03	87	147	29.90	30.2	12.6	0.0	0.00	112.3	2.1	0.0	0.0	350	27-May
PX03	87	148	30.10	32.6	16.2	0.0	0.00	121.0	3.2	0.0	0.0	350	28-May
PX03	87	149	30.40	34.6	16.0	0.0	0.00	121.0	6.1	0.0	0.0	350	29-May
PX03	87	150	30.80	36.9	17.5	0.0	0.00	103.7	4.8	0.0	0.0	350	30-May
PX03	87	151	31.40	38.4	18.2	0.0	0.00	129.6	5.4	0.0	0.0	350	31-May
PX03	87	152	31.40	39.7	21.6	0.5	0.00	172.8	5.9	0.0	0.0	350	01-Jun
PX03	87	153	31.00	40.3	20.9	0.0	0.00	121.0	8.0	0.0	0.0	350	02-Jun
PX03	87	154	28.70	42.5	20.6	0.0	0.00	95.0	7.4	0.0	0.0	350	03-Jun
PX03	87	155	28.50	40.6	26.2	0.0	0.00	224.6	10.6	0.0	0.0	350	04-Jun
PX03	87	156	19.60	39.5	24.4	0.0	0.00	181.4	10.7	0.0	0.0	350	05-Jun
PX03	87	157	30.80	35.4	23.6	1.8	0.00	129.6	16.0	0.0	0.0	350	06-Jun
PX03	87	158	31.20	40.8	23.3	0.0	0.00	164.2	12.8	0.0	0.0	350	07-Jun
PX03	87	159	31.60	41.3	22.5	0.0	0.00	146.8	7.5	0.0	0.0	350	08-Jun
PX03	87	160	32.00	39.6	22.0	0.0	0.00	112.3	8.0	0.0	0.0	350	09-Jun
PX03	87	161	32.00	41.0	21.4	0.0	0.00	112.3	6.1	0.0	0.0	350	10-Jun
PX03	87	162	30.40	40.4	20.7	0.0	0.00	95.0	7.4	0.0	0.0	350	11-Jun
PX03	87	163	30.10	40.9	25.0	0.0	0.00	77.8	11.1	0.0	0.0	350	12-Jun
PX03	87	164	29.90	43.5	24.1	0.0	0.00	25.9	10.6	0.0	0.0	350	13-Jun
PX03	87	165	30.40	45.3	26.0	0.0	0.00	86.4	11.0	0.0	0.0	350	14-Jun
PX03	87	166	32.00	41.6	25.6	0.0	0.00	129.6	8.0	0.0	0.0	350	15-Jun
PX03	87	167	31.20	38.6	20.7	0.0	0.00	43.2	6.7	0.0	0.0	350	16-Jun
PX03	87	168	32.00	40.1	19.2	0.0	0.00	43.2	7.4	0.0	0.0	350	17-Jun
PX03	87	169	32.20	38.6	20.5	0.0	0.00	103.7	3.9	0.0	0.0	350	18-Jun
PX03	87	170	30.10	37.2	18.0	0.0	0.00	17.3	4.6	0.0	0.0	350	19-Jun
PX03	87	171	28.30	36.5	17.6	0.0	0.00	25.9	6.1	0.0	0.0	350	20-Jun
PX03	87	172	32.00	38.0	17.7	0.0	0.00	60.5	6.4	0.0	0.0	350	21-Jun
PX03	87	173	32.00	37.6	20.1	0.0	0.00	51.8	7.5	0.0	0.0	350	22-Jun
PX03	87	174	31.00	37.7	20.2	0.0	0.00	34.6	11.1	0.0	0.0	350	23-Jun
PX03	87	175	30.10	38.1	22.3	0.0	0.00	34.6	12.8	0.0	0.0	350	24-Jun
PX03	87	176	16.50	38.1	26.8	0.0	0.00	8.6	12.3	0.0	0.0	350	25-Jun
PX03	87	177	30.60	42.0	24.0	0.0	0.00	34.6	13.3	0.0	0.0	350	26-Jun
PX03	87	178	31.00	40.1	24.9	0.0	0.00	43.2	12.0	0.0	0.0	350	27-Jun
PX03	87	179	31.40	39.6	23.6	0.0	0.00	77.8	9.7	0.0	0.0	350	28-Jun
PX03	87	180	31.60	39.1	22.7	0.0	0.00	95.0	8.6	0.0	0.0	350	29-Jun
PX03	87	181	31.20	38.5	19.0	0.0	0.00	146.9	7.8	0.0	0.0	350	30-Jun
PX03	87	182	27.90	36.9	20.7	0.0	0.00	103.7	5.8	0.0	0.0	350	01-Jul
PX03	87	183	31.60	37.8	17.1	0.0	0.00	103.7	7.0	0.0	0.0	350	02-Jul
PX03	87	184	31.40	38.2	18.8	0.0	0.00	103.7	7.4	0.0	0.0	350	03-Jul
PX03	87	185	32.40	37.9	19.6	1.3	0.00	155.5	6.2	0.0	0.0	350	04-Jul
PX03	87	186	32.20	38.9	18.5	0.0	0.00	138.2	6.7	0.0	0.0	350	05-Jul
PX03	87	187	31.20	39.0	20.7	0.0	0.00	112.3	5.3	0.0	0.0	350	06-Jul
PX03	87	188	23.90	38.1	20.3	0.0	0.00	112.3	8.2	0.0	0.0	350	07-Jul
PX03	87	189	20.50	38.7	20.3	0.0	0.00	129.6	7.7	0.0	0.0	350	08-Jul



	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX03	87	190	19.70	39.3	20.2	0.0	0.00	241.9	7.3	0.0	0.0	350	09-Jul
PX03	87	191	27.90	38.7	20.0	0.0	0.00	172.8	8.2	0.0	0.0	350	10-Jul
PX03	87	192	31.00	38.1	19.7	0.0	0.00	129.6	9.2	0.0	0.0	350	11-Jul
PX03	87	193	28.90	38.9	21.9	0.0	0.00	103.7	9.8	0.0	0.0	350	12-Jul
PX03	87	194	29.70	41.6	23.2	0.0	0.00	103.7	9.8	0.0	0.0	350	13-Jul
PX03	87	195	27.50	40.8	25.1	0.0	0.00	207.4	13.4	0.0	0.0	350	14-Jul
PX03	87	196	23.70	36.2	26.6	0.0	0.00	181.4	16.4	0.0	0.0	350	15-Jul
PX03	87	197	16.10	33.9	25.6	0.0	0.00	198.7	17.9	0.0	0.0	350	16-Jul
PX03	87	198	30.60	36.8	20.8	0.0	0.00	302.4	11.5	0.0	0.0	350	17-Jul
PX03	87	199	27.50	35.3	22.4	0.0	0.00	207.4	13.2	0.0	0.0	350	18-Jul
PX03	87	200	30.10	37.8	20.9	0.0	0.00	146.9	10.5	0.0	0.0	350	19-Jul
PX03	87	201	26.40	40.9	26.6	0.0	0.00	155.5	16.3	0.0	0.0	350	20-Jul
PX03	87	202	21.10	40.3	22.3	15.2	0.00	233.3	14.6	0.0	0.0	350	21-Jul
PX03	87	203	29.50	36.7	17.8	0.0	0.00	121.0	10.4	0.0	0.0	350	22-Jul
PX03	87	204	30.10	38.8	19.2	0.0	0.00	112.3	9.2	0.0	0.0	350	23-Jul
PX03	87	205	27.70	39.5	21.4	0.0	0.00	138.2	10.3	0.0	0.0	350	24-Jul
PX03	87	206	23.50	40.9	30.2	0.0	0.00	155.5	15.5	0.0	0.0	350	25-Jul
PX03	87	207	26.00	42.2	25.7	0.0	0.00	198.7	24.1	0.0	0.0	350	26-Jul
PX03	87	208	23.10	36.9	24.8	11.9	0.00	190.1	23.1	0.0	0.0	350	27-Jul
PX03	87	209	21.70	33.7	24.4	1.3	0.00	121.0	20.8	0.0	0.0	350	28-Jul
PX03	87	210	23.50	36.2	24.4	0.0	0.00	129.6	19.9	0.0	0.0	350	29-Jul
PX03	87	211	28.50	38.1	26.0	0.0	0.00	198.7	19.2	0.0	0.0	350	30-Jul
PX03	87	212	21.70	38.3	23.2	0.0	0.00	129.6	22.2	0.0	0.0	350	31-Jul
PX03	87	213	27.50	35.5	25.7	18.0	0.00	172.8	22.2	0.0	0.0	350	01-Aug
PX03	87	214	28.40	37.8	28.2	0.0	0.00	224.6	21.6	0.0	0.0	350	02-Aug
PX03	87	215	25.90	37.9	26.1	0.0	0.00	121.0	20.6	0.0	0.0	350	03-Aug
PX03	87	216	27.80	38.0	24.2	0.0	0.00	172.8	21.0	0.0	0.0	350	04-Aug
PX03	87	217	27.20	35.6	24.1	12.7	0.00	121.0	22.9	0.0	0.0	350	05-Aug
PX03	87	218	23.30	36.4	27.0	0.0	0.00	146.9	22.9	0.0	0.0	350	06-Aug
PX03	87	219	25.40	38.5	27.6	0.0	0.00	138.2	19.0	0.0	0.0	350	07-Aug
PX03	87	220	27.50	39.4	26.2	0.0	0.00	112.3	17.9	0.0	0.0	350	08-Aug
PX03	87	221	19.40	36.8	26.9	0.0	0.00	129.6	18.7	0.0	0.0	350	09-Aug
PX03	87	222	24.40	38.9	24.7	0.0	0.00	164.2	19.5	0.0	0.0	350	10-Aug
PX03	87	223	12.50	29.7	22.9	7.9	0.00	95.0	22.0	0.0	0.0	350	11-Aug
PX03	87	224	27.30	35.3	23.9	0.0	0.00	146.9	22.3	0.0	0.0	350	12-Aug
PX03	87	225	28.00	37.8	24.1	0.0	0.00	129.6	19.3	0.0	0.0	350	13-Aug
PX03	87	226	28.30	38.0	23.6	0.0	0.00	285.1	14.5	0.0	0.0	350	14-Aug
PX03	87	227	28.80	36.6	20.8	0.0	0.00	181.4	12.4	0.0	0.0	350	15-Aug
PX03	87	228	28.10	38.2	19.8	0.0	0.00	112.3	11.5	0.0	0.0	350	16-Aug
PX03	87	229	27.80	39.8	19.7	0.0	0.00	95.0	13.4	0.0	0.0	350	17-Aug
PX03	87	230	27.40	39.9	21.7	0.0	0.00	103.7	14.2	0.0	0.0	350	18-Aug
PX03	87	231	25.90	36.9	24.4	0.0	0.00	129.6	15.7	0.0	0.0	350	19-Aug
PX03	87	232	26.00	39.0	28.9	0.0	0.00	155.5	18.5	0.0	0.0	350	20-Aug
PX03	87	233	24.90	38.7	26.5	0.0	0.00	146.9	18.0	0.0	0.0	350	21-Aug
PX03	87	234	24.80	37.0	27.5	0.0	0.00	181.4	19.5	0.0	0.0	350	22-Aug
PX03	87	235	17.80	33.9	24.2	3.6	0.00	121.0	20.3	0.0	0.0	350	23-Aug
PX03	87	236	19.40	37.2	23.3	3.0	0.00	224.6	19.2	0.0	0.0	350	24-Aug
PX03	87	237	21.60	35.3	21.0	21.1	0.00	138.2	18.7	0.0	0.0	350	25-Aug
PX03	87	238	25.60	33.8	21.3	0.0	0.00	172.8	16.1	0.0	0.0	350	26-Aug
PX03	87	239	25.70	34.9	19.7	0.0	0.00	95.0	14.6	0.0	0.0	350	27-Aug
PX03	87	240	24.80	37.9	21.9	0.0	0.00	103.7	15.8	0.0	0.0	350	28-Aug
PX03	87	241	25.00	38.9	22.9	0.0	0.00	146.9	14.2	0.0	0.0	350	29-Aug

INSTW	IYR		SOLRAD		XTMIN		XPAR	DEWPT		STMIN		A00	
	JUL		XTMAX		XRAIN	WIND		STMAX	CO2				
PX03	87	242	25.60	38.4	22.2	0.0	0.00	86.4	13.0	0.0	0.0	350	30-Aug
PX03	87	243	25.30	41.3	23.7	0.0	0.00	138.2	12.0	0.0	0.0	350	31-Aug
PX03	87	244	25.40	38.7	26.3	0.0	0.00	198.7	13.4	0.0	0.0	350	01-Sep
PX03	87	245	25.80	36.3	23.1	0.0	0.00	146.9	13.4	0.0	0.0	350	02-Sep
PX03	87	246	10.40	32.6	24.7	0.0	0.00	129.6	15.5	0.0	0.0	350	03-Sep
PX03	87	247	23.60	33.3	23.7	0.0	0.00	146.9	17.3	0.0	0.0	350	04-Sep
PX03	87	248	23.70	34.1	23.3	0.0	0.00	95.0	16.0	0.0	0.0	350	05-Sep
PX03	87	249	23.70	35.4	22.5	0.0	0.00	95.0	14.1	0.0	0.0	350	06-Sep
PX03	87	250	24.30	36.4	21.2	0.0	0.00	103.7	8.6	0.0	0.0	350	07-Sep
PX03	87	251	24.70	36.7	17.9	0.0	0.00	95.0	8.8	0.0	0.0	350	08-Sep
PX03	87	252	23.50	34.5	16.7	0.0	0.00	103.7	9.4	0.0	0.0	350	09-Sep
PX03	87	253	22.90	36.1	18.1	0.0	0.00	95.0	10.4	0.0	0.0	350	10-Sep
PX03	87	254	23.10	36.8	20.4	0.0	0.00	129.6	7.8	0.0	0.0	350	11-Sep
PX03	87	255	23.40	36.4	18.9	0.0	0.00	181.4	8.4	0.0	0.0	350	12-Sep
PX03	87	256	22.60	33.2	21.1	0.0	0.00	293.8	10.3	0.0	0.0	350	13-Sep
PX03	87	257	22.00	31.5	16.2	0.0	0.00	103.7	8.4	0.0	0.0	350	14-Sep
PX03	87	258	22.30	32.9	17.0	0.0	0.00	112.3	11.3	0.0	0.0	350	15-Sep
PX03	87	259	18.50	32.9	17.8	0.0	0.00	103.7	11.9	0.0	0.0	350	16-Sep
PX03	87	260	15.10	32.8	18.1	0.0	0.00	164.2	10.7	0.0	0.0	350	17-Sep
PX03	87	261	21.50	32.7	18.5	0.0	0.00	112.3	12.5	0.0	0.0	350	18-Sep
PX03	87	262	21.50	34.9	20.0	0.0	0.00	112.3	11.0	0.0	0.0	350	19-Sep
PX03	87	263	21.60	36.0	19.2	0.0	0.00	129.6	10.1	0.0	0.0	350	20-Sep
PX03	87	264	17.40	34.6	21.4	0.0	0.00	164.2	14.7	0.0	0.0	350	21-Sep
PX03	87	265	15.00	35.8	19.9	0.0	0.00	164.2	15.8	0.0	0.0	350	22-Sep
PX03	87	266	15.10	30.9	18.4	9.7	0.00	103.7	17.7	0.0	0.0	350	23-Sep
PX03	87	267	18.20	31.4	19.3	6.9	0.00	86.4	17.4	0.0	0.0	350	24-Sep
PX03	87	268	21.20	33.8	19.7	0.5	0.00	86.4	15.8	0.0	0.0	350	25-Sep
PX03	87	269	20.00	35.4	19.0	0.0	0.00	103.7	14.7	0.0	0.0	350	26-Sep
PX03	87	270	20.40	36.8	19.5	0.0	0.00	77.8	13.5	0.0	0.0	350	27-Sep
PX03	87	271	19.40	37.1	19.6	0.0	0.00	103.7	12.6	0.0	0.0	350	28-Sep
PX03	87	272	20.50	37.8	20.2	0.0	0.00	190.1	10.7	0.0	0.0	350	29-Sep
PX03	87	273	20.80	35.9	18.6	0.0	0.00	129.6	10.4	0.0	0.0	350	30-Sep
PX03	87	274	20.60	36.1	23.7	0.0	0.00	129.6	8.5	0.0	0.0	350	01-Oct
PX03	87	275	20.40	36.9	18.8	0.0	0.00	181.4	9.7	0.0	0.0	350	02-Oct
PX03	87	276	20.20	37.5	17.9	0.0	0.00	112.3	7.0	0.0	0.0	350	03-Oct
PX03	87	277	19.90	37.3	17.6	0.0	0.00	60.5	4.8	0.0	0.0	350	04-Oct
PX03	87	278	19.60	38.7	18.9	0.0	0.00	69.1	4.1	0.0	0.0	350	05-Oct
PX03	87	279	23.50	39.1	17.1	0.0	0.00	77.1	2.7	0.0	0.0	350	06-Oct
PX03	87	280	17.50	38.8	16.6	0.0	0.00	95.0	3.2	0.0	0.0	350	07-Oct
PX03	87	281	19.10	38.9	16.8	0.0	0.00	129.6	5.4	0.0	0.0	350	08-Oct
PX03	87	282	18.30	37.3	18.8	0.0	0.00	138.2	9.0	0.0	0.0	350	09-Oct
PX03	87	283	19.00	36.6	18.6	0.0	0.00	121.0	9.9	0.0	0.0	350	10-Oct

FILENAME: PX150407.W87

WEATHER DATA FOR CO2=AMBIENT, IRR=WET, NIT=+, REP=#2

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC      ↓      CO2YR WINDYR  
 PX15 33.40 112.00 2.30 0 1 1 0 1 350 0.0

	IYR	SOLRAD	XTMIN			XPAR		DEWPT	STMIN		A00
<u>INSTW</u>	<u>JUL</u>	<u>XTMAX</u>	<u>XRAIN</u>	<u>WIND</u>	<u>STMAX</u>	<u>CO2</u>					
PX15 87 92	29.63	33.1	8.8	0.0	0.00	88.4	3.9	0.0	0.0	350	02-Apr
PX15 87 93	26.89	31.5	11.4	0.0	0.00	169.1	4.8	0.0	0.0	350	03-Apr
PX15 87 94	23.16	22.4	7.5	0.2	0.00	117.7	4.5	0.0	0.0	350	04-Apr
PX15 87 95	29.12	25.1	4.3	0.0	0.00	84.7	5.1	0.0	0.0	350	05-Apr
PX15 87 96	24.28	28.3	8.8	0.0	0.00	81.0	4.3	0.0	0.0	350	06-Apr
PX15 87 97	28.30	31.0	10.8	0.0	0.00	128.8	4.6	0.0	0.0	350	07-Apr
PX15 87 98	27.72	30.4	10.8	0.0	0.00	70.0	5.1	0.0	0.0	350	08-Apr
PX15 87 99	28.73	33.1	12.7	0.0	0.00	97.5	5.8	0.0	0.0	350	09-Apr
PX15 87 100	29.32	34.7	14.0	0.0	0.00	93.9	6.5	0.0	0.0	350	10-Apr
PX15 87 101	27.69	34.2	14.0	0.0	0.00	134.3	7.4	0.0	0.0	350	11-Apr
PX15 87 102	28.20	31.5	14.7	0.0	0.00	136.1	8.0	0.0	0.0	350	12-Apr
PX15 87 103	29.62	29.9	11.4	0.0	0.00	90.2	7.5	0.0	0.0	350	13-Apr
PX15 87 104	29.89	35.2	10.1	0.0	0.00	99.4	8.1	0.0	0.0	350	14-Apr
PX15 87 105	27.78	37.4	12.7	0.0	0.00	84.7	7.8	0.0	0.0	350	15-Apr
PX15 87 106	26.30	37.9	14.0	0.0	0.00	112.2	7.3	0.0	0.0	350	16-Apr
PX15 87 107	29.33	37.9	14.7	0.0	0.00	121.4	5.3	0.0	0.0	350	17-Apr
PX15 87 108	24.32	34.7	15.3	0.0	0.00	119.6	7.3	0.0	0.0	350	18-Apr
PX15 87 109	24.30	29.4	14.0	0.0	0.00	139.8	7.1	0.0	0.0	350	19-Apr
PX15 87 110	29.16	31.0	8.8	0.0	0.00	108.6	8.0	0.0	0.0	350	20-Apr
PX15 87 111	29.45	34.7	10.8	0.0	0.00	147.6	8.9	0.0	0.0	350	21-Apr
PX15 87 112	29.41	33.1	16.0	0.0	0.00	167.3	9.3	0.0	0.0	350	22-Apr
PX15 87 113	29.85	35.8	17.3	0.0	0.00	108.6	7.7	0.0	0.0	350	23-Apr
PX15 87 114	28.10	36.4	15.0	0.0	0.00	121.0	1.9	0.0	0.0	350	24-Apr
PX15 87 115	28.10	36.2	20.4	0.0	0.00	172.8	6.8	0.0	0.0	350	25-Apr
PX15 87 116	28.10	37.9	20.8	0.0	0.00	155.5	7.3	0.0	0.0	350	26-Apr
PX15 87 117	22.30	35.5	21.7	0.0	0.00	224.6	9.0	0.0	0.0	350	27-Apr
PX15 87 118	28.00	36.1	20.0	0.0	0.00	224.6	8.8	0.0	0.0	350	28-Apr
PX15 87 119	22.40	36.4	21.9	0.0	0.00	164.2	7.7	0.0	0.0	350	29-Apr
PX15 87 120	24.00	34.2	20.3	0.3	0.00	164.2	8.8	0.0	0.0	350	30-Apr
PX15 87 121	29.10	31.7	13.4	0.0	0.00	155.5	6.8	0.0	0.0	350	01-May
PX15 87 122	25.80	30.5	16.9	0.0	0.00	129.6	6.8	0.0	0.0	350	02-May
PX15 87 123	29.50	33.9	13.9	0.0	0.00	95.0	1.9	0.0	0.0	350	03-May
PX15 87 124	29.70	36.5	15.0	0.0	0.00	77.8	-0.2	0.0	0.0	350	04-May
PX15 87 125	29.10	38.4	16.4	0.0	0.00	66.5	2.1	0.0	0.0	350	05-May
PX15 87 126	29.30	38.1	20.8	0.0	0.00	155.5	7.0	0.0	0.0	350	06-May
PX15 87 127	28.10	37.2	24.0	0.0	0.00	172.8	11.8	0.0	0.0	350	07-May
PX15 87 128	29.30	36.8	22.1	0.0	0.00	164.2	9.3	0.0	0.0	350	08-May
PX15 87 129	29.50	37.5	19.5	0.0	0.00	86.4	8.6	0.0	0.0	350	09-May
PX15 87 130	27.30	37.4	23.1	0.0	0.00	103.7	11.4	0.0	0.0	350	10-May
PX15 87 131	29.10	37.2	20.1	1.5	0.00	95.0	12.3	0.0	0.0	350	11-May
PX15 87 132	28.50	39.4	25.7	0.0	0.00	129.6	8.6	0.0	0.0	350	12-May
PX15 87 133	28.90	40.2	21.9	0.0	0.00	138.2	10.4	0.0	0.0	350	13-May
PX15 87 134	25.60	38.8	24.9	0.0	0.00	164.2	14.3	0.0	0.0	350	14-May
PX15 87 135	24.00	38.0	21.6	0.3	0.00	181.4	15.1	0.0	0.0	350	15-May
PX15 87 136	28.10	37.0	20.6	0.0	0.00	86.4	13.2	0.0	0.0	350	16-May
PX15 87 137	29.10	38.6	20.6	0.0	0.00	121.0	9.0	0.0	0.0	350	17-May

INSTW	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
	JUL	XTMAX	XRAIN	WIND	STMAX	CO2							
PX15	87	138	29.30	38.7	22.3	0.0	0.00	190.1	7.4	0.0	0.0	350	18-May
PX15	87	139	24.40	35.6	21.5	0.0	0.00	172.8	6.7	0.0	0.0	350	19-May
PX15	87	140	26.40	34.7	20.1	0.0	0.00	233.3	11.5	0.0	0.0	350	20-May
PX15	87	141	29.50	32.5	16.6	0.0	0.00	138.2	8.1	0.0	0.0	350	21-May
PX15	87	142	29.30	35.9	16.2	0.0	0.00	121.0	3.4	0.0	0.0	350	22-May
PX15	87	143	31.20	35.8	16.7	0.0	0.00	146.9	-0.9	0.0	0.0	350	23-May
PX15	87	144	28.30	34.9	16.6	0.0	0.00	129.6	-0.0	0.0	0.0	350	24-May
PX15	87	145	23.10	33.2	17.2	0.0	0.00	198.7	1.7	0.0	0.0	350	25-May
PX15	87	146	30.10	28.0	13.0	0.0	0.00	164.2	1.5	0.0	0.0	350	26-May
PX15	87	147	29.90	30.3	13.2	0.0	0.00	112.3	1.7	0.0	0.0	350	27-May
PX15	87	148	30.10	33.6	16.1	0.0	0.00	121.0	1.5	0.0	0.0	350	28-May
PX15	87	149	30.40	35.2	17.0	0.0	0.00	121.0	4.6	0.0	0.0	350	29-May
PX15	87	150	30.80	38.1	17.9	0.0	0.00	103.7	3.2	0.0	0.0	350	30-May
PX15	87	151	31.40	39.4	19.2	0.0	0.00	129.6	4.1	0.0	0.0	350	31-May
PX15	87	152	31.40	40.7	22.0	0.5	0.00	172.8	5.0	0.0	0.0	350	01-Jun
PX15	87	153	31.00	41.4	21.6	0.0	0.00	121.0	7.4	0.0	0.0	350	02-Jun
PX15	87	154	28.70	42.7	21.3	0.0	0.00	95.0	7.0	0.0	0.0	350	03-Jun
PX15	87	155	28.50	39.9	26.4	0.0	0.00	224.6	10.7	0.0	0.0	350	04-Jun
PX15	87	156	19.60	39.4	25.4	0.0	0.00	181.4	11.0	0.0	0.0	350	05-Jun
PX15	87	157	30.80	35.4	23.6	1.8	0.00	129.6	16.3	0.0	0.0	350	06-Jun
PX15	87	158	31.20	40.8	23.7	0.0	0.00	164.2	13.5	0.0	0.0	350	07-Jun
PX15	87	159	31.60	41.2	23.4	0.0	0.00	146.8	10.1	0.0	0.0	350	08-Jun
PX15	87	160	32.00	39.5	22.8	0.0	0.00	112.3	11.4	0.0	0.0	350	09-Jun
PX15	87	161	32.00	40.5	22.0	0.0	0.00	112.3	8.5	0.0	0.0	350	10-Jun
PX15	87	162	30.40	40.6	21.5	0.0	0.00	95.0	6.4	0.0	0.0	350	11-Jun
PX15	87	163	30.10	41.0	25.5	0.0	0.00	77.8	9.8	0.0	0.0	350	12-Jun
PX15	87	164	29.90	43.0	24.8	0.0	0.00	25.9	8.8	0.0	0.0	350	13-Jun
PX15	87	165	30.40	45.1	26.6	0.0	0.00	86.4	8.6	0.0	0.0	350	14-Jun
PX15	87	166	32.00	42.2	26.5	0.0	0.00	129.6	5.0	0.0	0.0	350	15-Jun
PX15	87	167	31.20	38.7	21.4	0.0	0.00	43.2	3.8	0.0	0.0	350	16-Jun
PX15	87	168	32.00	39.9	21.0	0.0	0.00	43.2	5.4	0.0	0.0	350	17-Jun
PX15	87	169	32.20	38.7	21.7	0.0	0.00	103.7	4.6	0.0	0.0	350	18-Jun
PX15	87	170	30.10	36.9	19.5	0.0	0.00	17.3	5.4	0.0	0.0	350	19-Jun
PX15	87	171	28.30	36.8	19.4	0.0	0.00	25.9	5.9	0.0	0.0	350	20-Jun
PX15	87	172	32.00	37.8	19.4	0.0	0.00	60.5	6.5	0.0	0.0	350	21-Jun
PX15	87	173	32.00	37.4	21.6	0.0	0.00	51.8	8.0	0.0	0.0	350	22-Jun
PX15	87	174	31.00	37.6	21.6	0.0	0.00	34.6	11.2	0.0	0.0	350	23-Jun
PX15	87	175	30.10	38.3	22.9	0.0	0.00	34.6	12.8	0.0	0.0	350	24-Jun
PX15	87	176	16.50	37.9	27.3	0.0	0.00	8.6	13.1	0.0	0.0	350	25-Jun
PX15	87	177	30.60	40.3	24.4	0.0	0.00	34.6	12.9	0.0	0.0	350	26-Jun
PX15	87	178	31.00	40.1	25.7	0.0	0.00	43.2	11.2	0.0	0.0	350	27-Jun
PX15	87	179	31.40	39.6	24.7	0.0	0.00	77.8	8.5	0.0	0.0	350	28-Jun
PX15	87	180	31.60	39.4	23.5	0.0	0.00	95.0	7.4	0.0	0.0	350	29-Jun
PX15	87	181	31.20	38.5	21.2	0.0	0.00	146.9	6.1	0.0	0.0	350	30-Jun
PX15	87	182	27.90	37.0	22.2	0.0	0.00	103.7	5.0	0.0	0.0	350	01-Jul
PX15	87	183	31.60	38.1	18.7	0.0	0.00	103.7	6.8	0.0	0.0	350	02-Jul
PX15	87	184	31.40	38.4	20.7	0.0	0.00	103.7	7.5	0.0	0.0	350	03-Jul
PX15	87	185	32.40	38.1	20.6	1.3	0.00	155.5	5.8	0.0	0.0	350	04-Jul
PX15	87	186	32.20	38.8	20.5	0.0	0.00	138.2	5.6	0.0	0.0	350	05-Jul
PX15	87	187	31.20	39.1	21.8	0.0	0.00	112.3	5.3	0.0	0.0	350	06-Jul
PX15	87	188	23.90	38.0	21.6	0.0	0.00	112.3	8.5	0.0	0.0	350	07-Jul
PX15	87	189	20.50	38.9	20.8	0.0	0.00	129.6	8.1	0.0	0.0	350	08-Jul

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2	
PX15 87 190	19.70	38.8	21.3	0.0	0.00	241.9	7.4	0.0	0.0	350	09-Jul	
PX15 87 191	27.90	37.5	21.8	0.0	0.00	172.8	9.4	0.0	0.0	350	10-Jul	
PX15 87 192	31.00	38.4	21.3	0.0	0.00	129.6	8.8	0.0	0.0	350	11-Jul	
PX15 87 193	28.90	38.9	22.1	0.0	0.00	103.7	9.8	0.0	0.0	350	12-Jul	
PX15 87 194	29.70	41.5	23.8	0.0	0.00	103.7	9.9	0.0	0.0	350	13-Jul	
PX15 87 195	27.50	40.7	25.8	0.0	0.00	207.4	12.7	0.0	0.0	350	14-Jul	
PX15 87 196	23.70	36.7	27.2	0.0	0.00	181.4	16.1	0.0	0.0	350	15-Jul	
PX15 87 197	16.10	33.9	25.8	0.0	0.00	198.7	17.7	0.0	0.0	350	16-Jul	
PX15 87 198	30.60	36.1	21.4	0.0	0.00	302.4	11.2	0.0	0.0	350	17-Jul	
PX15 87 199	27.50	35.0	22.6	0.0	0.00	207.4	13.3	0.0	0.0	350	18-Jul	
PX15 87 200	30.10	37.5	20.9	0.0	0.00	146.9	11.0	0.0	0.0	350	19-Jul	
PX15 87 201	26.40	40.6	26.6	0.0	0.00	155.5	16.5	0.0	0.0	350	20-Jul	
PX15 87 202	21.10	39.8	22.8	15.2	0.00	233.3	14.4	0.0	0.0	350	21-Jul	
PX15 87 203	29.50	36.7	18.0	0.0	0.00	121.0	10.0	0.0	0.0	350	22-Jul	
PX15 87 204	30.10	38.8	19.6	0.0	0.00	112.3	8.5	0.0	0.0	350	23-Jul	
PX15 87 205	27.70	40.0	23.1	0.0	0.00	138.2	10.1	0.0	0.0	350	24-Jul	
PX15 87 206	23.50	41.2	30.3	0.0	0.00	155.5	15.7	0.0	0.0	350	25-Jul	
PX15 87 207	26.00	41.8	25.1	0.0	0.00	198.7	19.9	0.0	0.0	350	26-Jul	
PX15 87 208	23.10	37.2	25.0	11.9	0.00	190.1	21.1	0.0	0.0	350	27-Jul	
PX15 87 209	21.70	35.4	23.7	1.3	0.00	121.0	22.0	0.0	0.0	350	28-Jul	
PX15 87 210	23.50	36.7	24.2	0.0	0.00	129.6	21.1	0.0	0.0	350	29-Jul	
PX15 87 211	28.50	37.9	26.4	0.0	0.00	198.7	19.2	0.0	0.0	350	30-Jul	
PX15 87 212	21.70	38.0	23.3	0.0	0.00	129.6	21.8	0.0	0.0	350	31-Jul	
PX15 87 213	27.50	35.5	25.3	18.0	0.00	172.8	22.4	0.0	0.0	350	01-Aug	
PX15 87 214	28.40	37.6	28.1	0.0	0.00	224.6	21.8	0.0	0.0	350	02-Aug	
PX15 87 215	25.90	38.0	26.2	0.0	0.00	121.0	20.8	0.0	0.0	350	03-Aug	
PX15 87 216	27.80	37.9	24.3	0.0	0.00	172.8	21.1	0.0	0.0	350	04-Aug	
PX15 87 217	27.20	35.2	24.2	12.7	0.00	121.0	23.4	0.0	0.0	350	05-Aug	
PX15 87 218	23.30	36.4	27.0	0.0	0.00	146.9	23.3	0.0	0.0	350	06-Aug	
PX15 87 219	25.40	38.5	27.5	0.0	0.00	138.2	19.2	0.0	0.0	350	07-Aug	
PX15 87 220	27.50	38.7	26.1	0.0	0.00	112.3	18.3	0.0	0.0	350	08-Aug	
PX15 87 221	19.40	36.7	27.1	0.0	0.00	129.6	18.9	0.0	0.0	350	09-Aug	
PX15 87 222	24.40	38.6	24.9	0.0	0.00	164.2	20.2	0.0	0.0	350	10-Aug	
PX15 87 223	12.50	29.5	22.9	7.9	0.00	95.0	21.7	0.0	0.0	350	11-Aug	
PX15 87 224	27.30	35.5	24.2	0.0	0.00	146.9	20.4	0.0	0.0	350	12-Aug	
PX15 87 225	28.00	36.8	24.1	0.0	0.00	129.6	16.7	0.0	0.0	350	13-Aug	
PX15 87 226	28.30	37.7	24.6	0.0	0.00	285.1	13.7	0.0	0.0	350	14-Aug	
PX15 87 227	28.80	36.7	21.9	0.0	0.00	181.4	11.8	0.0	0.0	350	15-Aug	
PX15 87 228	28.10	37.5	20.2	0.0	0.00	112.3	10.3	0.0	0.0	350	16-Aug	
PX15 87 229	27.80	39.7	19.9	0.0	0.00	95.0	11.8	0.0	0.0	350	17-Aug	
PX15 87 230	27.40	40.0	21.7	0.0	0.00	103.7	13.8	0.0	0.0	350	18-Aug	
PX15 87 231	25.90	37.5	25.2	0.0	0.00	129.6	15.8	0.0	0.0	350	19-Aug	
PX15 87 232	26.00	38.8	29.1	0.0	0.00	155.5	18.2	0.0	0.0	350	20-Aug	
PX15 87 233	24.90	38.7	26.8	0.0	0.00	146.9	18.0	0.0	0.0	350	21-Aug	
PX15 87 234	24.80	36.8	27.6	0.0	0.00	181.4	19.7	0.0	0.0	350	22-Aug	
PX15 87 235	17.80	33.4	23.9	3.6	0.00	121.0	20.8	0.0	0.0	350	23-Aug	
PX15 87 236	19.40	36.3	24.3	3.0	0.00	224.6	19.5	0.0	0.0	350	24-Aug	
PX15 87 237	21.60	34.6	20.8	21.1	0.00	138.2	21.2	0.0	0.0	350	25-Aug	
PX15 87 238	25.60	33.2	20.6	0.0	0.00	172.8	17.7	0.0	0.0	350	26-Aug	
PX15 87 239	25.70	34.1	20.2	0.0	0.00	95.0	16.1	0.0	0.0	350	27-Aug	
PX15 87 240	24.80	37.7	22.0	0.0	0.00	103.7	17.3	0.0	0.0	350	28-Aug	
PX15 87 241	25.00	37.9	21.9	0.0	0.00	146.9	15.0	0.0	0.0	350	29-Aug	

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL	XTMAX		XRAIN		WIND		STMAX	CO2				
PX15	87	242	25.60	37.5	20.8	0.0	0.00	86.4	14.5	0.0	0.0	350	30-Aug
PX15	87	243	25.30	40.5	22.1	0.0	0.00	138.2	14.4	0.0	0.0	350	31-Aug
PX15	87	244	25.40	38.0	27.8	0.0	0.00	198.7	12.8	0.0	0.0	350	01-Sep
PX15	87	245	25.80	37.4	23.6	0.0	0.00	146.9	12.3	0.0	0.0	350	02-Sep
PX15	87	246	10.40	32.0	24.8	0.0	0.00	129.6	16.2	0.0	0.0	350	03-Sep
PX15	87	247	23.60	32.3	23.8	0.0	0.00	146.9	17.4	0.0	0.0	350	04-Sep
PX15	87	248	23.70	33.4	23.2	0.0	0.00	95.0	16.5	0.0	0.0	350	05-Sep
PX15	87	249	23.70	34.7	22.7	0.0	0.00	95.0	14.7	0.0	0.0	350	06-Sep
PX15	87	250	24.30	35.5	20.8	0.0	0.00	103.7	9.7	0.0	0.0	350	07-Sep
PX15	87	251	24.70	35.5	17.9	0.0	0.00	95.0	9.9	0.0	0.0	350	08-Sep
PX15	87	252	23.50	34.3	17.6	0.0	0.00	103.7	10.6	0.0	0.0	350	09-Sep
PX15	87	253	22.90	35.7	19.0	0.0	0.00	95.0	10.3	0.0	0.0	350	10-Sep
PX15	87	254	23.10	36.0	20.3	0.0	0.00	129.6	9.9	0.0	0.0	350	11-Sep
PX15	87	255	23.40	35.6	19.7	0.0	0.00	181.4	8.8	0.0	0.0	350	12-Sep
PX15	87	256	22.60	32.5	21.1	0.0	0.00	293.8	10.6	0.0	0.0	350	13-Sep
PX15	87	257	22.00	31.2	17.2	0.0	0.00	103.7	8.5	0.0	0.0	350	14-Sep
PX15	87	258	22.30	32.9	18.0	0.0	0.00	112.3	11.1	0.0	0.0	350	15-Sep
PX15	87	259	18.50	33.4	19.0	0.0	0.00	103.7	11.3	0.0	0.0	350	16-Sep
PX15	87	260	15.10	32.7	19.3	0.0	0.00	164.2	10.3	0.0	0.0	350	17-Sep
PX15	87	261	21.50	32.9	19.0	0.0	0.00	112.3	12.6	0.0	0.0	350	18-Sep
PX15	87	262	21.50	35.2	20.3	0.0	0.00	112.3	11.0	0.0	0.0	350	19-Sep
PX15	87	263	21.60	36.3	19.9	0.0	0.00	129.6	9.9	0.0	0.0	350	20-Sep
PX15	87	264	17.40	35.2	21.3	0.0	0.00	164.2	14.6	0.0	0.0	350	21-Sep
PX15	87	265	15.00	35.9	20.2	0.0	0.00	164.2	15.7	0.0	0.0	350	22-Sep
PX15	87	266	15.10	31.6	18.6	9.7	0.00	103.7	17.6	0.0	0.0	350	23-Sep
PX15	87	267	18.20	32.1	19.5	6.9	0.00	86.4	16.3	0.0	0.0	350	24-Sep
PX15	87	268	21.20	34.7	18.8	0.5	0.00	86.4	16.4	0.0	0.0	350	25-Sep
PX15	87	269	20.00	36.0	19.8	0.0	0.00	103.7	15.0	0.0	0.0	350	26-Sep
PX15	87	270	20.40	37.4	20.1	0.0	0.00	77.8	14.6	0.0	0.0	350	27-Sep
PX15	87	271	19.40	37.5	19.9	0.0	0.00	103.7	14.6	0.0	0.0	350	28-Sep
PX15	87	272	20.50	38.6	21.0	0.0	0.00	190.1	14.6	0.0	0.0	350	29-Sep
PX15	87	273	20.80	36.5	19.5	0.0	0.00	129.6	12.7	0.0	0.0	350	30-Sep
PX15	87	274	20.60	36.6	24.0	0.0	0.00	129.6	8.1	0.0	0.0	350	01-Oct
PX15	87	275	20.40	37.8	20.0	0.0	0.00	181.4	9.3	0.0	0.0	350	02-Oct
PX15	87	276	20.20	37.7	19.0	0.0	0.00	112.3	2.3	0.0	0.0	350	03-Oct
PX15	87	277	19.90	38.2	17.9	0.0	0.00	60.5	4.5	0.0	0.0	350	04-Oct
PX15	87	278	19.60	39.4	19.9	0.0	0.00	69.1	3.8	0.0	0.0	350	05-Oct
PX15	87	279	23.50	40.0	18.1	0.0	0.00	77.1	2.1	0.0	0.0	350	06-Oct
PX15	87	280	17.50	39.5	17.1	0.0	0.00	95.0	2.7	0.0	0.0	350	07-Oct
PX15	87	281	19.10	39.2	17.5	0.0	0.00	129.6	5.4	0.0	0.0	350	08-Oct
PX15	87	282	18.30	37.3	19.2	0.0	0.00	138.2	8.4	0.0	0.0	350	09-Oct
PX15	87	283	19.00	36.7	19.3	0.0	0.00	121.0	9.8	0.0	0.0	350	10-Oct

FILENAME: PX050407.W87

WEATHER DATA FOR CO2=650, IRR=DRY, NIT--, REP=#1

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC      ↓      CO2YR WINDYR  
 PX05 33.40 112.00 2.30 0 1 1 0 1 650 0.0

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
<u>INSTW</u>	<u>JUL</u>		<u>XTMAX</u>		<u>XRAIN</u>		<u>WIND</u>		<u>STMAX</u>		<u>CO2</u>		
PX05	87	92	29.63	33.1	8.8	0.0	0.00	88.4	3.9	0.0	0.0	350	02-Apr
PX05	87	93	26.89	31.5	11.4	0.0	0.00	169.1	4.8	0.0	0.0	350	03-Apr
PX05	87	94	23.16	22.4	7.5	0.2	0.00	117.7	4.5	0.0	0.0	350	04-Apr
PX05	87	95	29.12	25.1	4.3	0.0	0.00	84.7	5.1	0.0	0.0	350	05-Apr
PX05	87	96	24.28	28.3	8.8	0.0	0.00	81.0	4.3	0.0	0.0	350	06-Apr
PX05	87	97	28.30	31.0	10.8	0.0	0.00	128.8	4.6	0.0	0.0	350	07-Apr
PX05	87	98	27.72	30.4	10.8	0.0	0.00	70.0	5.1	0.0	0.0	350	08-Apr
PX05	87	99	28.73	33.1	12.7	0.0	0.00	97.5	5.8	0.0	0.0	350	09-Apr
PX05	87	100	29.32	34.7	14.0	0.0	0.00	93.9	6.5	0.0	0.0	350	10-Apr
PX05	87	101	27.69	34.2	14.0	0.0	0.00	134.3	7.4	0.0	0.0	350	11-Apr
PX05	87	102	28.20	31.5	14.7	0.0	0.00	136.1	8.0	0.0	0.0	350	12-Apr
PX05	87	103	29.62	29.9	11.4	0.0	0.00	90.2	7.5	0.0	0.0	350	13-Apr
PX05	87	104	29.89	35.2	10.1	0.0	0.00	99.4	8.1	0.0	0.0	350	14-Apr
PX05	87	105	27.78	37.4	12.7	0.0	0.00	84.7	7.8	0.0	0.0	650	15-Apr
PX05	87	106	26.30	37.9	14.0	0.0	0.00	112.2	7.3	0.0	0.0	650	16-Apr
PX05	87	107	29.33	37.9	14.7	0.0	0.00	121.4	5.3	0.0	0.0	650	17-Apr
PX05	87	108	24.32	34.7	15.3	0.0	0.00	119.6	7.3	0.0	0.0	650	18-Apr
PX05	87	109	24.30	29.4	14.0	0.0	0.00	139.8	7.1	0.0	0.0	650	19-Apr
PX05	87	110	29.16	31.0	8.8	0.0	0.00	108.6	8.0	0.0	0.0	650	20-Apr
PX05	87	111	29.45	34.7	10.8	0.0	0.00	147.6	8.9	0.0	0.0	650	21-Apr
PX05	87	112	29.41	33.1	16.0	0.0	0.00	167.3	9.3	0.0	0.0	650	22-Apr
PX05	87	113	29.85	35.8	17.3	0.0	0.00	108.6	7.7	0.0	0.0	650	23-Apr
PX05	87	114	28.10	35.8	16.1	0.0	0.00	121.0	2.3	0.0	0.0	650	24-Apr
PX05	87	115	28.10	36.4	20.1	0.0	0.00	172.8	6.7	0.0	0.0	650	25-Apr
PX05	87	116	28.10	37.9	20.5	0.0	0.00	155.5	8.0	0.0	0.0	650	26-Apr
PX05	87	117	22.30	35.6	21.7	0.0	0.00	224.6	15.4	0.0	0.0	650	27-Apr
PX05	87	118	28.00	36.2	19.8	0.0	0.00	224.6	8.6	0.0	0.0	650	28-Apr
PX05	87	119	22.40	36.5	21.8	0.0	0.00	164.2	7.3	0.0	0.0	650	29-Apr
PX05	87	120	24.00	34.3	20.3	0.3	0.00	164.2	8.1	0.0	0.0	650	30-Apr
PX05	87	121	29.10	31.3	13.5	0.0	0.00	155.5	6.1	0.0	0.0	650	01-May
PX05	87	122	25.80	30.4	17.0	0.0	0.00	129.6	6.2	0.0	0.0	650	02-May
PX05	87	123	29.50	34.0	14.1	0.0	0.00	95.0	0.6	0.0	0.0	650	03-May
PX05	87	124	29.70	36.0	14.9	0.0	0.00	77.8	-1.9	0.0	0.0	650	04-May
PX05	87	125	29.10	38.1	16.1	0.0	0.00	66.5	0.4	0.0	0.0	650	05-May
PX05	87	126	29.30	37.8	20.8	0.0	0.00	155.5	5.1	0.0	0.0	650	06-May
PX05	87	127	28.10	37.4	24.1	0.0	0.00	172.8	6.7	0.0	0.0	650	07-May
PX05	87	128	29.30	36.1	22.6	0.0	0.00	164.2	7.5	0.0	0.0	650	08-May
PX05	87	129	29.50	38.1	19.6	0.0	0.00	86.4	7.3	0.0	0.0	650	09-May
PX05	87	130	27.30	37.2	23.2	0.0	0.00	103.7	10.3	0.0	0.0	650	10-May
PX05	87	131	29.10	37.4	19.7	1.5	0.00	95.0	11.3	0.0	0.0	650	11-May
PX05	87	132	28.50	39.2	22.1	0.0	0.00	129.6	6.7	0.0	0.0	650	12-May
PX05	87	133	28.90	39.9	21.5	0.0	0.00	138.2	10.0	0.0	0.0	650	13-May
PX05	87	134	25.60	39.9	24.7	0.0	0.00	164.2	12.2	0.0	0.0	650	14-May
PX05	87	135	24.00	37.5	21.4	0.3	0.00	181.4	13.4	0.0	0.0	650	15-May
PX05	87	136	28.10	37.2	20.2	0.0	0.00	86.4	10.3	0.0	0.0	650	16-May
PX05	87	137	29.10	38.9	20.4	0.0	0.00	121.0	10.1	0.0	0.0	650	17-May

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX05	87	138	29.30	39.1	22.0	0.0	0.00	190.1	10.6	0.0	0.0	650	18-May
PX05	87	139	24.40	35.6	21.6	0.0	0.00	172.8	8.8	0.0	0.0	650	19-May
PX05	87	140	26.40	35.0	20.4	0.0	0.00	233.3	7.1	0.0	0.0	650	20-May
PX05	87	141	29.50	32.5	16.7	0.0	0.00	138.2	7.8	0.0	0.0	650	21-May
PX05	87	142	29.30	35.9	16.4	0.0	0.00	121.0	3.2	0.0	0.0	650	22-May
PX05	87	143	31.20	36.0	16.9	0.0	0.00	146.9	-0.9	0.0	0.0	650	23-May
PX05	87	144	28.30	34.5	17.0	0.0	0.00	129.6	-0.0	0.0	0.0	650	24-May
PX05	87	145	23.10	33.2	17.3	0.0	0.00	198.7	1.9	0.0	0.0	650	25-May
PX05	87	146	30.10	28.1	13.4	0.0	0.00	164.2	1.1	0.0	0.0	650	26-May
PX05	87	147	29.90	30.6	13.2	0.0	0.00	112.3	1.3	0.0	0.0	650	27-May
PX05	87	148	30.10	32.9	16.3	0.0	0.00	121.0	1.1	0.0	0.0	650	28-May
PX05	87	149	30.40	35.0	16.6	0.0	0.00	121.0	3.6	0.0	0.0	650	29-May
PX05	87	150	30.80	37.4	17.7	0.0	0.00	103.7	1.7	0.0	0.0	650	30-May
PX05	87	151	31.40	38.7	18.8	0.0	0.00	129.6	2.3	0.0	0.0	650	31-May
PX05	87	152	31.40	40.4	22.0	0.5	0.00	172.8	2.7	0.0	0.0	650	01-Jun
PX05	87	153	31.00	40.8	21.2	0.0	0.00	121.0	5.1	0.0	0.0	650	02-Jun
PX05	87	154	28.70	43.1	21.1	0.0	0.00	95.0	3.8	0.0	0.0	650	03-Jun
PX05	87	155	28.50	40.2	26.4	0.0	0.00	224.6	8.1	0.0	0.0	650	04-Jun
PX05	87	156	19.60	39.5	25.1	0.0	0.00	181.4	8.2	0.0	0.0	650	05-Jun
PX05	87	157	30.80	35.9	23.9	1.8	0.00	129.6	14.7	0.0	0.0	650	06-Jun
PX05	87	158	31.20	41.5	23.6	0.0	0.00	164.2	10.6	0.0	0.0	650	07-Jun
PX05	87	159	31.60	42.3	23.2	0.0	0.00	146.8	4.3	0.0	0.0	650	08-Jun
PX05	87	160	32.00	40.3	22.6	0.0	0.00	112.3	4.8	0.0	0.0	650	09-Jun
PX05	87	161	32.00	41.4	21.7	0.0	0.00	112.3	2.5	0.0	0.0	650	10-Jun
PX05	87	162	30.40	40.8	21.6	0.0	0.00	95.0	4.6	0.0	0.0	650	11-Jun
PX05	87	163	30.10	41.3	25.5	0.0	0.00	77.8	8.6	0.0	0.0	650	12-Jun
PX05	87	164	29.90	43.6	24.6	0.0	0.00	25.9	7.5	0.0	0.0	650	13-Jun
PX05	87	165	30.40	45.7	26.3	0.0	0.00	86.4	7.3	0.0	0.0	650	14-Jun
PX05	87	166	32.00	42.4	26.4	0.0	0.00	129.6	3.6	0.0	0.0	650	15-Jun
PX05	87	167	31.20	38.3	21.4	0.0	0.00	43.2	2.3	0.0	0.0	650	16-Jun
PX05	87	168	32.00	40.4	21.0	0.0	0.00	43.2	8.1	0.0	0.0	650	17-Jun
PX05	87	169	32.20	39.1	22.0	0.0	0.00	103.7	7.7	0.0	0.0	650	18-Jun
PX05	87	170	30.10	38.5	19.7	0.0	0.00	17.3	4.6	0.0	0.0	650	19-Jun
PX05	87	171	28.30	39.0	20.1	0.0	0.00	25.9	1.5	0.0	0.0	650	20-Jun
PX05	87	172	32.00	39.6	19.9	0.0	0.00	60.5	6.2	0.0	0.0	650	21-Jun
PX05	87	173	32.00	39.3	21.8	0.0	0.00	51.8	5.3	0.0	0.0	650	22-Jun
PX05	87	174	31.00	38.6	21.6	0.0	0.00	34.6	10.7	0.0	0.0	650	23-Jun
PX05	87	175	30.10	39.3	23.6	0.0	0.00	34.6	11.1	0.0	0.0	650	24-Jun
PX05	87	176	16.50	39.0	27.7	0.0	0.00	8.6	10.6	0.0	0.0	650	25-Jun
PX05	87	177	30.60	41.6	25.0	0.0	0.00	34.6	11.0	0.0	0.0	650	26-Jun
PX05	87	178	31.00	41.9	26.0	0.0	0.00	43.2	8.6	0.0	0.0	650	27-Jun
PX05	87	179	31.40	41.3	25.2	0.0	0.00	77.8	5.4	0.0	0.0	650	28-Jun
PX05	87	180	31.60	41.1	23.8	0.0	0.00	95.0	3.9	0.0	0.0	650	29-Jun
PX05	87	181	31.20	40.1	21.1	0.0	0.00	146.9	4.1	0.0	0.0	650	30-Jun
PX05	87	182	27.90	38.9	22.9	0.0	0.00	103.7	0.9	0.0	0.0	650	01-Jul
PX05	87	183	31.60	39.9	19.3	0.0	0.00	103.7	5.6	0.0	0.0	650	02-Jul
PX05	87	184	31.40	40.5	20.6	0.0	0.00	103.7	3.9	0.0	0.0	650	03-Jul
PX05	87	185	32.40	40.2	21.2	1.3	0.00	155.5	2.3	0.0	0.0	650	04-Jul
PX05	87	186	32.20	41.1	20.6	0.0	0.00	138.2	2.5	0.0	0.0	650	05-Jul
PX05	87	187	31.20	41.1	22.1	0.0	0.00	112.3	1.7	0.0	0.0	650	06-Jul
PX05	87	188	23.90	39.6	21.7	0.0	0.00	112.3	5.4	0.0	0.0	650	07-Jul
PX05	87	189	20.50	40.4	20.6	0.0	0.00	129.6	5.1	0.0	0.0	650	08-Jul



	IYR	SOLRAD	XTMIN	XPAR	DEWPT	STMIN	A00				
INSTW	JUL	XTMAX	XRAIN	WIND	STMAX	CO2					
PX05 87 190	19.70	41.2	21.1	0.0	0.00	241.9	4.8	0.0	0.0	650	09-Jul
PX05 87 191	27.90	40.0	22.1	0.0	0.00	172.8	6.5	0.0	0.0	650	10-Jul
PX05 87 192	31.00	39.8	21.6	0.0	0.00	129.6	6.1	0.0	0.0	650	11-Jul
PX05 87 193	28.90	41.3	22.7	0.0	0.00	103.7	6.8	0.0	0.0	650	12-Jul
PX05 87 194	29.70	44.1	24.3	0.0	0.00	103.7	8.4	0.0	0.0	650	13-Jul
PX05 87 195	27.50	40.3	26.2	0.0	0.00	207.4	16.9	0.0	0.0	650	14-Jul
PX05 87 196	23.70	38.6	24.9	0.0	0.00	181.4	20.2	0.0	0.0	650	15-Jul
PX05 87 197	16.10	37.3	24.1	0.0	0.00	198.7	20.4	0.0	0.0	650	16-Jul
PX05 87 198	30.60	39.4	20.1	0.0	0.00	302.4	13.3	0.0	0.0	650	17-Jul
PX05 87 199	27.50	37.1	22.8	0.0	0.00	207.4	11.9	0.0	0.0	650	18-Jul
PX05 87 200	30.10	39.8	21.6	0.0	0.00	146.9	9.0	0.0	0.0	650	19-Jul
PX05 87 201	26.40	42.6	27.3	0.0	0.00	155.5	15.0	0.0	0.0	650	20-Jul
PX05 87 202	21.10	41.3	23.7	15.2	0.00	233.3	13.5	0.0	0.0	650	21-Jul
PX05 87 203	29.50	39.1	18.7	0.0	0.00	121.0	7.7	0.0	0.0	650	22-Jul
PX05 87 204	30.10	41.0	20.8	0.0	0.00	112.3	5.6	0.0	0.0	650	23-Jul
PX05 87 205	27.70	42.4	23.5	0.0	0.00	138.2	7.4	0.0	0.0	650	24-Jul
PX05 87 206	23.50	43.2	31.1	0.0	0.00	155.5	7.3	0.0	0.0	650	25-Jul
PX05 87 207	26.00	43.8	26.7	0.0	0.00	198.7	17.9	0.0	0.0	650	26-Jul
PX05 87 208	23.10	37.7	25.4	11.9	0.00	190.1	19.9	0.0	0.0	650	27-Jul
PX05 87 209	21.70	34.5	24.8	1.3	0.00	121.0	20.1	0.0	0.0	650	28-Jul
PX05 87 210	23.50	37.9	25.3	0.0	0.00	129.6	18.8	0.0	0.0	650	29-Jul
PX05 87 211	28.50	39.1	27.0	0.0	0.00	198.7	18.1	0.0	0.0	650	30-Jul
PX05 87 212	21.70	39.6	23.5	0.0	0.00	129.6	20.8	0.0	0.0	650	31-Jul
PX05 87 213	27.50	36.9	25.9	18.0	0.00	172.8	21.5	0.0	0.0	650	01-Aug
PX05 87 214	28.40	39.3	28.6	0.0	0.00	224.6	20.8	0.0	0.0	650	02-Aug
PX05 87 215	25.90	39.5	26.4	0.0	0.00	121.0	19.7	0.0	0.0	650	03-Aug
PX05 87 216	27.80	38.8	24.4	0.0	0.00	172.8	20.2	0.0	0.0	650	04-Aug
PX05 87 217	27.20	36.5	24.4	12.7	0.00	121.0	22.1	0.0	0.0	650	05-Aug
PX05 87 218	23.30	37.4	27.1	0.0	0.00	146.9	22.0	0.0	0.0	650	06-Aug
PX05 87 219	25.40	39.7	28.0	0.0	0.00	138.2	17.5	0.0	0.0	650	07-Aug
PX05 87 220	27.50	40.5	26.7	0.0	0.00	112.3	16.3	0.0	0.0	650	08-Aug
PX05 87 221	19.40	38.5	27.6	0.0	0.00	129.6	17.0	0.0	0.0	650	09-Aug
PX05 87 222	24.40	40.2	25.0	0.0	0.00	164.2	18.0	0.0	0.0	650	10-Aug
PX05 87 223	12.50	30.4	23.2	7.9	0.00	95.0	21.3	0.0	0.0	650	11-Aug
PX05 87 224	27.30	36.7	24.2	0.0	0.00	146.9	19.7	0.0	0.0	650	12-Aug
PX05 87 225	28.00	38.1	24.9	0.0	0.00	129.6	15.3	0.0	0.0	650	13-Aug
PX05 87 226	28.30	38.8	25.0	0.0	0.00	285.1	12.4	0.0	0.0	650	14-Aug
PX05 87 227	28.80	38.2	22.0	0.0	0.00	181.4	9.9	0.0	0.0	650	15-Aug
PX05 87 228	28.10	39.2	20.6	0.0	0.00	112.3	7.1	0.0	0.0	650	16-Aug
PX05 87 229	27.80	41.3	20.5	0.0	0.00	95.0	8.2	0.0	0.0	650	17-Aug
PX05 87 230	27.40	40.1	22.5	0.0	0.00	103.7	11.9	0.0	0.0	650	18-Aug
PX05 87 231	25.90	38.5	25.4	0.0	0.00	129.6	14.3	0.0	0.0	650	19-Aug
PX05 87 232	26.00	40.2	29.5	0.0	0.00	155.5	16.8	0.0	0.0	650	20-Aug
PX05 87 233	24.90	39.9	27.4	0.0	0.00	146.9	16.8	0.0	0.0	650	21-Aug
PX05 87 234	24.80	38.3	27.9	0.0	0.00	181.4	18.8	0.0	0.0	650	22-Aug
PX05 87 235	17.80	35.0	24.6	3.6	0.00	121.0	19.8	0.0	0.0	650	23-Aug
PX05 87 236	19.40	38.1	23.7	3.0	0.00	224.6	18.5	0.0	0.0	650	24-Aug
PX05 87 237	21.60	35.2	22.2	21.1	0.00	138.2	18.1	0.0	0.0	650	25-Aug
PX05 87 238	25.60	34.1	21.7	0.0	0.00	172.8	15.7	0.0	0.0	650	26-Aug
PX05 87 239	25.70	35.7	20.5	0.0	0.00	95.0	13.8	0.0	0.0	650	27-Aug
PX05 87 240	24.80	38.4	22.7	0.0	0.00	103.7	13.2	0.0	0.0	650	28-Aug
PX05 87 241	25.00	39.7	24.2	0.0	0.00	146.9	12.8	0.0	0.0	650	29-Aug

INSTW	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
	JUL		XTMAX		XRAIN		WIND		STMAX	CO2			
PX05	87	242	25.60	39.1	22.9	0.0	0.00	86.4	12.4	0.0	0.0	650	30-Aug
PX05	87	243	25.30	41.5	24.5	0.0	0.00	138.2	10.3	0.0	0.0	650	31-Aug
PX05	87	244	25.40	39.0	28.3	0.0	0.00	198.7	11.4	0.0	0.0	650	01-Sep
PX05	87	245	25.80	38.6	24.2	0.0	0.00	146.9	10.3	0.0	0.0	650	02-Sep
PX05	87	246	10.40	33.9	25.7	0.0	0.00	129.6	15.0	0.0	0.0	650	03-Sep
PX05	87	247	23.60	33.7	24.1	0.0	0.00	146.9	17.2	0.0	0.0	650	04-Sep
PX05	87	248	23.70	35.0	23.2	0.0	0.00	95.0	17.3	0.0	0.0	650	05-Sep
PX05	87	249	23.70	35.4	20.8	0.0	0.00	95.0	15.4	0.0	0.0	650	06-Sep
PX05	87	250	24.30	36.5	18.4	0.0	0.00	103.7	13.1	0.0	0.0	650	07-Sep
PX05	87	251	24.70	36.6	18.6	0.0	0.00	95.0	7.7	0.0	0.0	650	08-Sep
PX05	87	252	23.50	35.9	18.8	0.0	0.00	103.7	7.1	0.0	0.0	650	09-Sep
PX05	87	253	22.90	37.2	19.5	0.0	0.00	95.0	8.0	0.0	0.0	650	10-Sep
PX05	87	254	23.10	37.6	21.3	0.0	0.00	129.6	6.7	0.0	0.0	650	11-Sep
PX05	87	255	23.40	36.5	20.0	0.0	0.00	181.4	8.0	0.0	0.0	650	12-Sep
PX05	87	256	22.60	33.2	21.6	0.0	0.00	293.8	10.3	0.0	0.0	650	13-Sep
PX05	87	257	22.00	31.9	17.9	0.0	0.00	103.7	7.7	0.0	0.0	650	14-Sep
PX05	87	258	22.30	33.1	18.2	0.0	0.00	112.3	10.6	0.0	0.0	650	15-Sep
PX05	87	259	18.50	33.6	19.5	0.0	0.00	103.7	10.3	0.0	0.0	650	16-Sep
PX05	87	260	15.10	33.1	19.6	0.0	0.00	164.2	9.0	0.0	0.0	650	17-Sep
PX05	87	261	21.50	33.4	19.3	0.0	0.00	112.3	8.6	0.0	0.0	650	18-Sep
PX05	87	262	21.50	35.4	20.8	0.0	0.00	112.3	10.6	0.0	0.0	650	19-Sep
PX05	87	263	21.60	38.5	19.5	0.0	0.00	129.6	8.6	0.0	0.0	650	20-Sep
PX05	87	264	17.40	34.9	21.7	0.0	0.00	164.2	16.0	0.0	0.0	650	21-Sep
PX05	87	265	15.00	35.9	20.5	0.0	0.00	164.2	15.0	0.0	0.0	650	22-Sep
PX05	87	266	15.10	31.6	18.7	9.7	0.00	103.7	17.3	0.0	0.0	650	23-Sep
PX05	87	267	18.20	32.2	19.6	6.9	0.00	86.4	16.9	0.0	0.0	650	24-Sep
PX05	87	268	21.20	34.6	20.0	0.5	0.00	86.4	14.8	0.0	0.0	650	25-Sep
PX05	87	269	20.00	35.9	19.7	0.0	0.00	103.7	13.7	0.0	0.0	650	26-Sep
PX05	87	270	20.40	37.2	20.1	0.0	0.00	77.8	12.5	0.0	0.0	650	27-Sep
PX05	87	271	19.40	37.5	19.9	0.0	0.00	103.7	11.5	0.0	0.0	650	28-Sep
PX05	87	272	20.50	38.5	21.2	0.0	0.00	190.1	8.9	0.0	0.0	650	29-Sep
PX05	87	273	20.80	36.4	19.8	0.0	0.00	129.6	8.9	0.0	0.0	650	30-Sep
PX05	87	274	20.60	36.5	24.7	0.0	0.00	129.6	7.1	0.0	0.0	650	01-Oct
PX05	87	275	20.40	37.7	20.2	0.0	0.00	181.4	8.5	0.0	0.0	650	02-Oct
PX05	87	276	20.20	37.3	19.2	0.0	0.00	112.3	1.1	0.0	0.0	650	03-Oct
PX05	87	277	19.90	37.8	18.1	0.0	0.00	60.5	3.4	0.0	0.0	650	04-Oct
PX05	87	278	19.60	39.0	20.0	0.0	0.00	69.1	2.5	0.0	0.0	650	05-Oct
PX05	87	279	23.50	39.3	17.9	0.0	0.00	77.1	0.9	0.0	0.0	650	06-Oct
PX05	87	280	17.50	38.9	17.2	0.0	0.00	95.0	1.7	0.0	0.0	650	07-Oct
PX05	87	281	19.10	38.8	17.5	0.0	0.00	129.6	4.3	0.0	0.0	650	08-Oct
PX05	87	282	18.30	37.3	19.5	0.0	0.00	138.2	8.1	0.0	0.0	650	09-Oct
PX05	87	283	19.00	36.7	19.5	0.0	0.00	121.0	9.0	0.0	0.0	650	10-Oct

FILENAME: PX110407.W87

WEATHER DATA FOR CO2=650, IRR=DRY, NIT--, REP=#2

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC      ↓      CO2YR WINDYR  
 PX11 33.40 112.00 2.30 0 1 1 0 1 650 0.0

INSTW	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
		JUL		XTMAX		XRAIN	WIND	STMAX	CO2				
PX11	87	92	29.63	33.1	8.8	0.0	0.00	88.4	3.9	0.0	0.0	350	02-Apr
PX11	87	93	26.89	31.5	11.4	0.0	0.00	169.1	4.8	0.0	0.0	350	03-Apr
PX11	87	94	23.16	22.4	7.5	0.2	0.00	117.7	4.5	0.0	0.0	350	04-Apr
PX11	87	95	29.12	25.1	4.3	0.0	0.00	84.7	5.1	0.0	0.0	350	05-Apr
PX11	87	96	24.28	28.3	8.8	0.0	0.00	81.0	4.3	0.0	0.0	350	06-Apr
PX11	87	97	28.30	31.0	10.8	0.0	0.00	128.8	4.6	0.0	0.0	350	07-Apr
PX11	87	98	27.72	30.4	10.8	0.0	0.00	70.0	5.1	0.0	0.0	350	08-Apr
PX11	87	99	28.73	33.1	12.7	0.0	0.00	97.5	5.8	0.0	0.0	350	09-Apr
PX11	87	100	29.32	34.7	14.0	0.0	0.00	93.9	6.5	0.0	0.0	350	10-Apr
PX11	87	101	27.69	34.2	14.0	0.0	0.00	134.3	7.4	0.0	0.0	350	11-Apr
PX11	87	102	28.20	31.5	14.7	0.0	0.00	136.1	8.0	0.0	0.0	350	12-Apr
PX11	87	103	29.62	29.9	11.4	0.0	0.00	90.2	7.5	0.0	0.0	350	13-Apr
PX11	87	104	29.89	35.2	10.1	0.0	0.00	99.4	8.1	0.0	0.0	350	14-Apr
PX11	87	105	27.78	37.4	12.7	0.0	0.00	84.7	7.8	0.0	0.0	650	15-Apr
PX11	87	106	26.30	37.9	14.0	0.0	0.00	112.2	7.3	0.0	0.0	650	16-Apr
PX11	87	107	29.33	37.9	14.7	0.0	0.00	121.4	5.3	0.0	0.0	650	17-Apr
PX11	87	108	24.32	34.7	15.3	0.0	0.00	119.6	7.3	0.0	0.0	650	18-Apr
PX11	87	109	24.30	29.4	14.0	0.0	0.00	139.8	7.1	0.0	0.0	650	19-Apr
PX11	87	110	29.16	31.0	8.8	0.0	0.00	108.6	8.0	0.0	0.0	650	20-Apr
PX11	87	111	29.45	34.7	10.8	0.0	0.00	147.6	8.9	0.0	0.0	650	21-Apr
PX11	87	112	29.41	33.1	16.0	0.0	0.00	167.3	9.3	0.0	0.0	650	22-Apr
PX11	87	113	29.85	35.8	17.3	0.0	0.00	108.6	7.7	0.0	0.0	650	23-Apr
PX11	87	114	28.10	37.0	16.5	0.0	0.00	121.0	7.1	0.0	0.0	650	24-Apr
PX11	87	115	28.10	36.6	20.4	0.0	0.00	172.8	9.2	0.0	0.0	650	25-Apr
PX11	87	116	28.10	38.0	20.9	0.0	0.00	155.5	10.5	0.0	0.0	650	26-Apr
PX11	87	117	22.30	35.8	21.7	0.0	0.00	224.6	11.0	0.0	0.0	650	27-Apr
PX11	87	118	28.00	36.2	20.0	0.0	0.00	224.6	11.3	0.0	0.0	650	28-Apr
PX11	87	119	22.40	36.8	21.9	0.0	0.00	164.2	7.5	0.0	0.0	650	29-Apr
PX11	87	120	24.00	34.3	20.6	0.3	0.00	164.2	8.1	0.0	0.0	650	30-Apr
PX11	87	121	29.10	31.8	13.4	0.0	0.00	155.5	7.4	0.0	0.0	650	01-May
PX11	87	122	25.80	30.4	16.9	0.0	0.00	129.6	7.1	0.0	0.0	650	02-May
PX11	87	123	29.50	34.2	13.8	0.0	0.00	95.0	2.3	0.0	0.0	650	03-May
PX11	87	124	29.70	36.5	14.4	0.0	0.00	77.8	0.4	0.0	0.0	650	04-May
PX11	87	125	29.10	38.3	16.0	0.0	0.00	66.5	2.7	0.0	0.0	650	05-May
PX11	87	126	29.30	37.9	20.9	0.0	0.00	155.5	6.5	0.0	0.0	650	06-May
PX11	87	127	28.10	36.9	24.2	0.0	0.00	172.8	7.1	0.0	0.0	650	07-May
PX11	87	128	29.30	35.6	22.1	0.0	0.00	164.2	7.5	0.0	0.0	650	08-May
PX11	87	129	29.50	37.6	19.4	0.0	0.00	86.4	10.0	0.0	0.0	650	09-May
PX11	87	130	27.30	37.3	22.9	0.0	0.00	103.7	10.7	0.0	0.0	650	10-May
PX11	87	131	29.10	37.2	19.7	1.5	0.00	95.0	10.4	0.0	0.0	650	11-May
PX11	87	132	28.50	39.4	21.6	0.0	0.00	129.6	6.4	0.0	0.0	650	12-May
PX11	87	133	28.90	39.7	21.7	0.0	0.00	138.2	8.2	0.0	0.0	650	13-May
PX11	87	134	25.60	39.9	24.6	0.0	0.00	164.2	10.4	0.0	0.0	650	14-May
PX11	87	135	24.00	37.8	21.4	0.3	0.00	181.4	12.7	0.0	0.0	650	15-May
PX11	87	136	28.10	35.4	20.5	0.0	0.00	86.4	11.0	0.0	0.0	650	16-May
PX11	87	137	29.10	38.4	20.5	0.0	0.00	121.0	7.1	0.0	0.0	650	17-May

	IYR	SOLRAD	XTMIN	XPAR	DEWPT	STMIN	A00						
INSTW	JUL	XTMAX	XRAIN	WIND	STMAX	CO2							
PX11	87	138	29.30	38.6	22.3	0.0	0.00	190.1	5.1	0.0	0.0	650	18-May
PX11	87	139	24.40	35.6	21.6	0.0	0.00	172.8	4.3	0.0	0.0	650	19-May
PX11	87	140	26.40	35.0	20.4	0.0	0.00	233.3	7.7	0.0	0.0	650	20-May
PX11	87	141	29.50	32.3	17.0	0.0	0.00	138.2	9.2	0.0	0.0	650	21-May
PX11	87	142	29.30	35.5	16.7	0.0	0.00	121.0	5.4	0.0	0.0	650	22-May
PX11	87	143	31.20	35.8	17.3	0.0	0.00	146.9	-1.9	0.0	0.0	650	23-May
PX11	87	144	28.30	34.5	17.2	0.0	0.00	129.6	-0.9	0.0	0.0	650	24-May
PX11	87	145	23.10	33.2	17.5	0.0	0.00	198.7	1.1	0.0	0.0	650	25-May
PX11	87	146	30.10	28.1	13.6	0.0	0.00	164.2	0.4	0.0	0.0	650	26-May
PX11	87	147	29.90	30.0	13.4	0.0	0.00	112.3	1.9	0.0	0.0	650	27-May
PX11	87	148	30.10	33.0	16.5	0.0	0.00	121.0	2.5	0.0	0.0	650	28-May
PX11	87	149	30.40	34.6	17.0	0.0	0.00	121.0	3.6	0.0	0.0	650	29-May
PX11	87	150	30.80	37.3	18.0	0.0	0.00	103.7	4.3	0.0	0.0	650	30-May
PX11	87	151	31.40	38.8	19.1	0.0	0.00	129.6	4.6	0.0	0.0	650	31-May
PX11	87	152	31.40	40.2	22.1	0.5	0.00	172.8	5.0	0.0	0.0	650	01-Jun
PX11	87	153	31.00	40.9	21.5	0.0	0.00	121.0	5.4	0.0	0.0	650	02-Jun
PX11	87	154	28.70	42.1	21.3	0.0	0.00	95.0	4.5	0.0	0.0	650	03-Jun
PX11	87	155	28.50	39.6	26.4	0.0	0.00	224.6	8.9	0.0	0.0	650	04-Jun
PX11	87	156	19.60	38.9	25.3	0.0	0.00	181.4	9.2	0.0	0.0	650	05-Jun
PX11	87	157	30.80	34.8	24.0	1.8	0.00	129.6	15.0	0.0	0.0	650	06-Jun
PX11	87	158	31.20	40.5	23.7	0.0	0.00	164.2	11.0	0.0	0.0	650	07-Jun
PX11	87	159	31.60	41.1	23.3	0.0	0.00	146.8	4.6	0.0	0.0	650	08-Jun
PX11	87	160	32.00	39.2	22.6	0.0	0.00	112.3	5.0	0.0	0.0	650	09-Jun
PX11	87	161	32.00	40.9	21.6	0.0	0.00	112.3	2.9	0.0	0.0	650	10-Jun
PX11	87	162	30.40	40.8	21.2	0.0	0.00	95.0	4.8	0.0	0.0	650	11-Jun
PX11	87	163	30.10	41.5	25.3	0.0	0.00	77.8	8.8	0.0	0.0	650	12-Jun
PX11	87	164	29.90	43.8	24.7	0.0	0.00	25.9	7.7	0.0	0.0	650	13-Jun
PX11	87	165	30.40	45.7	26.5	0.0	0.00	86.4	7.7	0.0	0.0	650	14-Jun
PX11	87	166	32.00	41.9	26.4	0.0	0.00	129.6	4.5	0.0	0.0	650	15-Jun
PX11	87	167	31.20	38.7	21.2	0.0	0.00	43.2	4.8	0.0	0.0	650	16-Jun
PX11	87	168	32.00	40.4	20.7	0.0	0.00	43.2	6.4	0.0	0.0	650	17-Jun
PX11	87	169	32.20	39.2	21.8	0.0	0.00	103.7	3.4	0.0	0.0	650	18-Jun
PX11	87	170	30.10	38.5	19.8	0.0	0.00	17.3	3.4	0.0	0.0	650	19-Jun
PX11	87	171	28.30	38.6	20.0	0.0	0.00	25.9	4.5	0.0	0.0	650	20-Jun
PX11	87	172	32.00	39.3	20.1	0.0	0.00	60.5	5.8	0.0	0.0	650	21-Jun
PX11	87	173	32.00	39.1	22.0	0.0	0.00	51.8	8.0	0.0	0.0	650	22-Jun
PX11	87	174	31.00	38.2	21.7	0.0	0.00	34.6	11.5	0.0	0.0	650	23-Jun
PX11	87	175	30.10	39.6	22.8	0.0	0.00	34.6	12.9	0.0	0.0	650	24-Jun
PX11	87	176	16.50	39.0	27.4	0.0	0.00	8.6	12.1	0.0	0.0	650	25-Jun
PX11	87	177	30.60	41.7	24.6	0.0	0.00	34.6	11.4	0.0	0.0	650	26-Jun
PX11	87	178	31.00	42.0	25.6	0.0	0.00	43.2	8.6	0.0	0.0	650	27-Jun
PX11	87	179	31.40	41.4	24.8	0.0	0.00	77.8	5.4	0.0	0.0	650	28-Jun
PX11	87	180	31.60	41.2	23.6	0.0	0.00	95.0	4.1	0.0	0.0	650	29-Jun
PX11	87	181	31.20	39.8	20.8	0.0	0.00	146.9	2.3	0.0	0.0	650	30-Jun
PX11	87	182	27.90	38.8	22.6	0.0	0.00	103.7	1.5	0.0	0.0	650	01-Jul
PX11	87	183	31.60	39.9	18.7	0.0	0.00	103.7	3.6	0.0	0.0	650	02-Jul
PX11	87	184	31.40	40.5	20.5	0.0	0.00	103.7	4.3	0.0	0.0	650	03-Jul
PX11	87	185	32.40	40.2	20.6	1.3	0.00	155.5	2.3	0.0	0.0	650	04-Jul
PX11	87	186	32.20	41.0	20.6	0.0	0.00	138.2	2.7	0.0	0.0	650	05-Jul
PX11	87	187	31.20	40.9	22.0	0.0	0.00	112.3	1.9	0.0	0.0	650	06-Jul
PX11	87	188	23.90	39.2	21.6	0.0	0.00	112.3	5.6	0.0	0.0	650	07-Jul
PX11	87	189	20.50	39.7	20.9	0.0	0.00	129.6	5.1	0.0	0.0	650	08-Jul

INSTW	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
	JUL		XTMAX		XRAIN		WIND		STMAX	CO2			
PX11	87	190	19.70	41.1	21.1	0.0	0.00	241.9	4.3	0.0	0.0	650	09-Jul
PX11	87	191	27.90	39.8	22.1	0.0	0.00	172.8	6.4	0.0	0.0	650	10-Jul
PX11	87	192	31.00	40.6	21.4	0.0	0.00	129.6	5.9	0.0	0.0	650	11-Jul
PX11	87	193	28.90	41.3	22.6	0.0	0.00	103.7	7.0	0.0	0.0	650	12-Jul
PX11	87	194	29.70	43.8	24.1	0.0	0.00	103.7	7.8	0.0	0.0	650	13-Jul
PX11	87	195	27.50	42.4	26.1	0.0	0.00	207.4	11.9	0.0	0.0	650	14-Jul
PX11	87	196	23.70	38.7	27.5	0.0	0.00	181.4	14.8	0.0	0.0	650	15-Jul
PX11	87	197	16.10	35.0	26.1	0.0	0.00	198.7	16.9	0.0	0.0	650	16-Jul
PX11	87	198	30.60	38.8	21.6	0.0	0.00	302.4	10.0	0.0	0.0	650	17-Jul
PX11	87	199	27.50	37.3	22.7	0.0	0.00	207.4	12.3	0.0	0.0	650	18-Jul
PX11	87	200	30.10	39.5	21.2	0.0	0.00	146.9	9.8	0.0	0.0	650	19-Jul
PX11	87	201	26.40	43.0	27.2	0.0	0.00	155.5	15.8	0.0	0.0	650	20-Jul
PX11	87	202	21.10	41.8	23.4	15.2	0.00	233.3	13.9	0.0	0.0	650	21-Jul
PX11	87	203	29.50	39.2	18.5	0.0	0.00	121.0	8.6	0.0	0.0	650	22-Jul
PX11	87	204	30.10	41.1	20.1	0.0	0.00	112.3	7.3	0.0	0.0	650	23-Jul
PX11	87	205	27.70	42.8	23.3	0.0	0.00	138.2	8.8	0.0	0.0	650	24-Jul
PX11	87	206	23.50	43.2	30.6	0.0	0.00	155.5	14.9	0.0	0.0	650	25-Jul
PX11	87	207	26.00	43.7	26.0	0.0	0.00	198.7	18.2	0.0	0.0	650	26-Jul
PX11	87	208	23.10	38.3	25.2	11.9	0.00	190.1	19.5	0.0	0.0	650	27-Jul
PX11	87	209	21.70	35.1	24.6	1.3	0.00	121.0	20.2	0.0	0.0	650	28-Jul
PX11	87	210	23.50	38.4	25.2	0.0	0.00	129.6	18.9	0.0	0.0	650	29-Jul
PX11	87	211	28.50	39.1	26.7	0.0	0.00	198.7	18.6	0.0	0.0	650	30-Jul
PX11	87	212	21.70	39.6	23.7	0.0	0.00	129.6	21.1	0.0	0.0	650	31-Jul
PX11	87	213	27.50	37.1	25.7	18.0	0.00	172.8	21.7	0.0	0.0	650	01-Aug
PX11	87	214	28.40	40.0	28.7	0.0	0.00	224.6	20.8	0.0	0.0	650	02-Aug
PX11	87	215	25.90	40.3	26.2	0.0	0.00	121.0	19.8	0.0	0.0	650	03-Aug
PX11	87	216	27.80	39.8	24.4	0.0	0.00	172.8	20.4	0.0	0.0	650	04-Aug
PX11	87	217	27.20	37.1	24.3	12.7	0.00	121.0	22.3	0.0	0.0	650	05-Aug
PX11	87	218	23.30	38.3	27.4	0.0	0.00	146.9	22.0	0.0	0.0	650	06-Aug
PX11	87	219	25.40	41.2	28.4	0.0	0.00	138.2	17.7	0.0	0.0	650	07-Aug
PX11	87	220	27.50	41.9	26.8	0.0	0.00	112.3	16.5	0.0	0.0	650	08-Aug
PX11	87	221	19.40	39.1	27.4	0.0	0.00	129.6	17.3	0.0	0.0	650	09-Aug
PX11	87	222	24.40	41.1	25.2	0.0	0.00	164.2	18.1	0.0	0.0	650	10-Aug
PX11	87	223	12.50	30.4	23.3	7.9	0.00	95.0	21.5	0.0	0.0	650	11-Aug
PX11	87	224	27.30	37.5	24.4	0.0	0.00	146.9	19.9	0.0	0.0	650	12-Aug
PX11	87	225	28.00	39.1	24.7	0.0	0.00	129.6	16.0	0.0	0.0	650	13-Aug
PX11	87	226	28.30	39.5	24.8	0.0	0.00	285.1	13.5	0.0	0.0	650	14-Aug
PX11	87	227	28.80	38.4	22.2	0.0	0.00	181.4	11.4	0.0	0.0	650	15-Aug
PX11	87	228	28.10	39.2	20.6	0.0	0.00	112.3	9.5	0.0	0.0	650	16-Aug
PX11	87	229	27.80	41.9	20.4	0.0	0.00	95.0	10.9	0.0	0.0	650	17-Aug
PX11	87	230	27.40	41.1	22.4	0.0	0.00	103.7	13.7	0.0	0.0	650	18-Aug
PX11	87	231	25.90	39.3	25.7	0.0	0.00	129.6	16.2	0.0	0.0	650	19-Aug
PX11	87	232	26.00	40.9	29.7	0.0	0.00	155.5	18.7	0.0	0.0	650	20-Aug
PX11	87	233	24.90	41.2	27.5	0.0	0.00	146.9	17.1	0.0	0.0	650	21-Aug
PX11	87	234	24.80	39.0	28.1	0.0	0.00	181.4	18.5	0.0	0.0	650	22-Aug
PX11	87	235	17.80	35.0	24.8	3.6	0.00	121.0	19.8	0.0	0.0	650	23-Aug
PX11	87	236	19.40	38.3	23.7	3.0	0.00	224.6	18.4	0.0	0.0	650	24-Aug
PX11	87	237	21.60	36.6	22.1	21.1	0.00	138.2	17.7	0.0	0.0	650	25-Aug
PX11	87	238	25.60	35.8	21.9	0.0	0.00	172.8	15.2	0.0	0.0	650	26-Aug
PX11	87	239	25.70	37.3	21.0	0.0	0.00	95.0	13.4	0.0	0.0	650	27-Aug
PX11	87	240	24.80	39.5	23.1	0.0	0.00	103.7	13.3	0.0	0.0	650	28-Aug
PX11	87	241	25.00	41.3	24.4	0.0	0.00	146.9	13.0	0.0	0.0	650	29-Aug

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX11	87	242	25.60	40.9	23.1	0.0	0.00	86.4	12.6	0.0	0.0	650	30-Aug
PX11	87	243	25.30	43.2	24.7	0.0	0.00	138.2	10.7	0.0	0.0	650	31-Aug
PX11	87	244	25.40	40.1	28.6	0.0	0.00	198.7	11.9	0.0	0.0	650	01-Sep
PX11	87	245	25.80	38.9	24.4	0.0	0.00	146.9	11.2	0.0	0.0	650	02-Sep
PX11	87	246	10.40	34.2	25.5	0.0	0.00	129.6	15.0	0.0	0.0	650	03-Sep
PX11	87	247	23.60	33.9	24.2	0.0	0.00	146.9	16.9	0.0	0.0	650	04-Sep
PX11	87	248	23.70	35.8	23.8	0.0	0.00	95.0	15.5	0.0	0.0	650	05-Sep
PX11	87	249	23.70	37.0	23.2	0.0	0.00	95.0	13.6	0.0	0.0	650	06-Sep
PX11	87	250	24.30	37.7	21.6	0.0	0.00	103.7	8.0	0.0	0.0	650	07-Sep
PX11	87	251	24.70	37.7	18.6	0.0	0.00	95.0	7.1	0.0	0.0	650	08-Sep
PX11	87	252	23.50	37.4	18.8	0.0	0.00	103.7	6.2	0.0	0.0	650	09-Sep
PX11	87	253	22.90	38.6	19.7	0.0	0.00	95.0	7.0	0.0	0.0	650	10-Sep
PX11	87	254	23.10	34.6	21.3	0.0	0.00	129.6	5.4	0.0	0.0	650	11-Sep
PX11	87	255	23.40	37.6	20.3	0.0	0.00	181.4	6.2	0.0	0.0	650	12-Sep
PX11	87	256	22.60	34.4	21.8	0.0	0.00	293.8	8.6	0.0	0.0	650	13-Sep
PX11	87	257	22.00	33.0	17.5	0.0	0.00	103.7	6.4	0.0	0.0	650	14-Sep
PX11	87	258	22.30	34.2	18.4	0.0	0.00	112.3	9.2	0.0	0.0	650	15-Sep
PX11	87	259	18.50	35.1	19.6	0.0	0.00	103.7	9.7	0.0	0.0	650	16-Sep
PX11	87	260	15.10	33.9	19.8	0.0	0.00	164.2	8.9	0.0	0.0	650	17-Sep
PX11	87	261	21.50	34.5	19.4	0.0	0.00	112.3	11.2	0.0	0.0	650	18-Sep
PX11	87	262	21.50	36.7	21.0	0.0	0.00	112.3	9.4	0.0	0.0	650	19-Sep
PX11	87	263	21.60	37.9	20.3	0.0	0.00	129.6	8.5	0.0	0.0	650	20-Sep
PX11	87	264	17.40	35.9	22.0	0.0	0.00	164.2	14.0	0.0	0.0	650	21-Sep
PX11	87	265	15.00	36.4	20.6	0.0	0.00	164.2	15.3	0.0	0.0	650	22-Sep
PX11	87	266	15.10	32.0	18.8	9.7	0.00	103.7	17.3	0.0	0.0	650	23-Sep
PX11	87	267	18.20	32.8	19.9	6.9	0.00	86.4	16.9	0.0	0.0	650	24-Sep
PX11	87	268	21.20	35.3	20.2	0.5	0.00	86.4	15.1	0.0	0.0	650	25-Sep
PX11	87	269	20.00	36.5	20.0	0.0	0.00	103.7	14.3	0.0	0.0	650	26-Sep
PX11	87	270	20.40	38.0	20.4	0.0	0.00	77.8	13.3	0.0	0.0	650	27-Sep
PX11	87	271	19.40	38.0	20.3	0.0	0.00	103.7	12.7	0.0	0.0	650	28-Sep
PX11	87	272	20.50	38.6	21.3	0.0	0.00	190.1	11.3	0.0	0.0	650	29-Sep
PX11	87	273	20.80	36.7	19.8	0.0	0.00	129.6	10.5	0.0	0.0	650	30-Sep
PX11	87	274	20.60	36.5	24.7	0.0	0.00	129.6	7.7	0.0	0.0	650	01-Oct
PX11	87	275	20.40	37.7	20.2	0.0	0.00	181.4	9.3	0.0	0.0	650	02-Oct
PX11	87	276	20.20	37.6	19.5	0.0	0.00	112.3	5.8	0.0	0.0	650	03-Oct
PX11	87	277	19.90	38.1	18.8	0.0	0.00	60.5	2.5	0.0	0.0	650	04-Oct
PX11	87	278	19.60	39.6	20.5	0.0	0.00	69.1	5.8	0.0	0.0	650	05-Oct
PX11	87	279	23.50	40.3	18.3	0.0	0.00	77.1	5.6	0.0	0.0	650	06-Oct
PX11	87	280	17.50	39.7	17.3	0.0	0.00	95.0	7.8	0.0	0.0	650	07-Oct
PX11	87	281	19.10	39.8	17.8	0.0	0.00	129.6	7.4	0.0	0.0	650	08-Oct
PX11	87	282	18.30	37.9	19.5	0.0	0.00	138.2	10.9	0.0	0.0	650	09-Oct
PX11	87	283	19.00	37.3	19.5	0.0	0.00	121.0	11.8	0.0	0.0	650	10-Oct

FILENAME: PX060407.W87

WEATHER DATA FOR CO2=650, IRR=DRY, NIT=+, REP=#1

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC      ↓      CO2YR WINDYR  
 PX06 33.40 112.00 2.30 0 1 1 0 1 650 0.0

	IYR	SOLRAD	XTMIN	XPAR	DEWPT	STMIN	A00
<u>INSTW</u>	<u>JUL</u>	<u>XTMAX</u>	<u>XRAIN</u>	<u>WIND</u>	<u>STMAX</u>	<u>CO2</u>	
PX06	87	92	29.63	33.1	8.8	0.0	02-Apr
PX06	87	93	26.89	31.5	11.4	0.0	03-Apr
PX06	87	94	23.16	22.4	7.5	0.2	04-Apr
PX06	87	95	29.12	25.1	4.3	0.0	05-Apr
PX06	87	96	24.28	28.3	8.8	0.0	06-Apr
PX06	87	97	28.30	31.0	10.8	0.0	07-Apr
PX06	87	98	27.72	30.4	10.8	0.0	08-Apr
PX06	87	99	28.73	33.1	12.7	0.0	09-Apr
PX06	87	100	29.32	34.7	14.0	0.0	10-Apr
PX06	87	101	27.69	34.2	14.0	0.0	11-Apr
PX06	87	102	28.20	31.5	14.7	0.0	12-Apr
PX06	87	103	29.62	29.9	11.4	0.0	13-Apr
PX06	87	104	29.89	35.2	10.1	0.0	14-Apr
PX06	87	105	27.78	37.4	12.7	0.0	15-Apr
PX06	87	106	26.30	37.9	14.0	0.0	16-Apr
PX06	87	107	29.33	37.9	14.7	0.0	17-Apr
PX06	87	108	24.32	34.7	15.3	0.0	18-Apr
PX06	87	109	24.30	29.4	14.0	0.0	19-Apr
PX06	87	110	29.16	31.0	8.8	0.0	20-Apr
PX06	87	111	29.45	34.7	10.8	0.0	21-Apr
PX06	87	112	29.41	33.1	16.0	0.0	22-Apr
PX06	87	113	29.85	35.8	17.3	0.0	23-Apr
PX06	87	114	28.10	35.6	15.8	0.0	24-Apr
PX06	87	115	28.10	36.6	20.2	0.0	25-Apr
PX06	87	116	28.10	38.3	20.6	0.0	26-Apr
PX06	87	117	22.30	36.2	20.8	0.0	27-Apr
PX06	87	118	28.00	36.6	18.1	0.0	28-Apr
PX06	87	119	22.40	37.4	21.7	0.0	29-Apr
PX06	87	120	24.00	35.0	20.5	0.3	30-Apr
PX06	87	121	29.10	31.9	13.5	0.0	01-May
PX06	87	122	25.80	30.9	16.9	0.0	02-May
PX06	87	123	29.50	34.8	13.8	0.0	03-May
PX06	87	124	29.70	37.7	14.7	0.0	04-May
PX06	87	125	29.10	39.1	15.9	0.0	05-May
PX06	87	126	29.30	38.6	20.6	0.0	06-May
PX06	87	127	28.10	37.7	24.0	0.0	07-May
PX06	87	128	29.30	36.4	22.2	0.0	08-May
PX06	87	129	29.50	38.2	19.4	0.0	09-May
PX06	87	130	27.30	37.3	22.6	0.0	10-May
PX06	87	131	29.10	37.5	19.8	1.5	11-May
PX06	87	132	28.50	39.4	22.3	0.0	12-May
PX06	87	133	28.90	40.4	21.6	0.0	13-May
PX06	87	134	25.60	40.4	24.7	0.0	14-May
PX06	87	135	24.00	37.7	21.5	0.3	15-May
PX06	87	136	28.10	36.8	20.5	0.0	16-May
PX06	87	137	29.10	38.6	20.5	0.0	17-May

INSTW	IYR	SOLRAD		XTMIN		XRAIN	XPAR	WIND	DEWPT	STMIN		CO2	A00
	JUL		XTMAX				STMAX						
PX06	87	138	29.30	39.1	22.2	0.0	0.00	190.1	8.2	0.0	0.0	650	18-May
PX06	87	139	24.40	35.6	21.7	0.0	0.00	172.8	7.1	0.0	0.0	650	19-May
PX06	87	140	26.40	35.1	20.5	0.0	0.00	233.3	9.2	0.0	0.0	650	20-May
PX06	87	141	29.50	32.6	16.8	0.0	0.00	138.2	8.2	0.0	0.0	650	21-May
PX06	87	142	29.30	36.2	16.4	0.0	0.00	121.0	3.9	0.0	0.0	650	22-May
PX06	87	143	31.20	36.1	17.1	0.0	0.00	146.9	-0.0	0.0	0.0	650	23-May
PX06	87	144	28.30	34.5	17.0	0.0	0.00	129.6	0.9	0.0	0.0	650	24-May
PX06	87	145	23.10	33.0	17.5	0.0	0.00	198.7	2.3	0.0	0.0	650	25-May
PX06	87	146	30.10	28.1	13.4	0.0	0.00	164.2	1.3	0.0	0.0	650	26-May
PX06	87	147	29.90	30.6	13.2	0.0	0.00	112.3	1.9	0.0	0.0	650	27-May
PX06	87	148	30.10	33.2	16.4	0.0	0.00	121.0	3.4	0.0	0.0	650	28-May
PX06	87	149	30.40	35.2	16.6	0.0	0.00	121.0	6.5	0.0	0.0	650	29-May
PX06	87	150	30.80	37.6	17.8	0.0	0.00	103.7	5.4	0.0	0.0	650	30-May
PX06	87	151	31.40	38.9	18.8	0.0	0.00	129.6	6.1	0.0	0.0	650	31-May
PX06	87	152	31.40	40.5	22.0	0.5	0.00	172.8	6.7	0.0	0.0	650	01-Jun
PX06	87	153	31.00	41.2	21.2	0.0	0.00	121.0	8.6	0.0	0.0	650	02-Jun
PX06	87	154	28.70	43.3	21.1	0.0	0.00	95.0	8.1	0.0	0.0	650	03-Jun
PX06	87	155	28.50	40.2	26.4	0.0	0.00	224.6	11.5	0.0	0.0	650	04-Jun
PX06	87	156	19.60	39.5	25.1	0.0	0.00	181.4	11.6	0.0	0.0	650	05-Jun
PX06	87	157	30.80	35.8	23.6	1.8	0.00	129.6	16.4	0.0	0.0	650	06-Jun
PX06	87	158	31.20	41.6	23.6	0.0	0.00	164.2	13.6	0.0	0.0	650	07-Jun
PX06	87	159	31.60	42.1	23.2	0.0	0.00	146.8	9.3	0.0	0.0	650	08-Jun
PX06	87	160	32.00	40.3	22.6	0.0	0.00	112.3	10.0	0.0	0.0	650	09-Jun
PX06	87	161	32.00	41.6	21.7	0.0	0.00	112.3	7.3	0.0	0.0	650	10-Jun
PX06	87	162	30.40	41.1	21.5	0.0	0.00	95.0	7.7	0.0	0.0	650	11-Jun
PX06	87	163	30.10	41.7	25.5	0.0	0.00	77.8	11.4	0.0	0.0	650	12-Jun
PX06	87	164	29.90	44.2	24.7	0.0	0.00	25.9	11.8	0.0	0.0	650	13-Jun
PX06	87	165	30.40	46.2	26.5	0.0	0.00	86.4	12.5	0.0	0.0	650	14-Jun
PX06	87	166	32.00	42.4	26.3	0.0	0.00	129.6	10.3	0.0	0.0	650	15-Jun
PX06	87	167	31.20	38.7	21.4	0.0	0.00	43.2	9.2	0.0	0.0	650	16-Jun
PX06	87	168	32.00	40.7	20.7	0.0	0.00	43.2	8.5	0.0	0.0	650	17-Jun
PX06	87	169	32.20	39.1	21.9	0.0	0.00	103.7	4.1	0.0	0.0	650	18-Jun
PX06	87	170	30.10	37.4	18.2	0.0	0.00	17.3	6.4	0.0	0.0	650	19-Jun
PX06	87	171	28.30	39.2	20.0	0.0	0.00	25.9	3.8	0.0	0.0	650	20-Jun
PX06	87	172	32.00	38.2	18.0	0.0	0.00	60.5	8.0	0.0	0.0	650	21-Jun
PX06	87	173	32.00	39.5	21.8	0.0	0.00	51.8	7.0	0.0	0.0	650	22-Jun
PX06	87	174	31.00	37.8	20.6	0.0	0.00	34.6	12.5	0.0	0.0	650	23-Jun
PX06	87	175	30.10	38.3	21.5	0.0	0.00	34.6	14.0	0.0	0.0	650	24-Jun
PX06	87	176	16.50	38.7	27.6	0.0	0.00	8.6	11.5	0.0	0.0	650	25-Jun
PX06	87	177	30.60	41.8	24.9	0.0	0.00	34.6	12.2	0.0	0.0	650	26-Jun
PX06	87	178	31.00	42.1	25.9	0.0	0.00	43.2	9.8	0.0	0.0	650	27-Jun
PX06	87	179	31.40	41.6	25.0	0.0	0.00	77.8	6.8	0.0	0.0	650	28-Jun
PX06	87	180	31.60	41.2	23.8	0.0	0.00	95.0	5.4	0.0	0.0	650	29-Jun
PX06	87	181	31.20	39.1	19.5	0.0	0.00	146.9	6.1	0.0	0.0	650	30-Jun
PX06	87	182	27.90	38.6	22.5	0.0	0.00	103.7	3.6	0.0	0.0	650	01-Jul
PX06	87	183	31.60	38.5	17.1	0.0	0.00	103.7	6.8	0.0	0.0	650	02-Jul
PX06	87	184	31.40	40.5	20.5	0.0	0.00	103.7	6.1	0.0	0.0	650	03-Jul
PX06	87	185	32.40	40.2	21.1	1.3	0.00	155.5	4.5	0.0	0.0	650	04-Jul
PX06	87	186	32.20	41.4	20.6	0.0	0.00	138.2	4.8	0.0	0.0	650	05-Jul
PX06	87	187	31.20	41.2	22.0	0.0	0.00	112.3	4.1	0.0	0.0	650	06-Jul
PX06	87	188	23.90	39.0	21.7	0.0	0.00	112.3	8.0	0.0	0.0	650	07-Jul
PX06	87	189	20.50	40.0	20.4	0.0	0.00	129.6	7.5	0.0	0.0	650	08-Jul



	YR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX06	87	190	19.70	40.9	20.9	0.0	0.00	241.9	7.8	0.0	0.0	650	09-Jul
PX06	87	191	27.90	39.7	21.5	0.0	0.00	172.8	9.0	0.0	0.0	650	10-Jul
PX06	87	192	31.00	40.5	21.3	0.0	0.00	129.6	8.4	0.0	0.0	650	11-Jul
PX06	87	193	28.90	41.0	22.7	0.0	0.00	103.7	8.9	0.0	0.0	650	12-Jul
PX06	87	194	29.70	43.6	24.4	0.0	0.00	103.7	8.6	0.0	0.0	650	13-Jul
PX06	87	195	27.50	41.9	26.3	0.0	0.00	207.4	12.6	0.0	0.0	650	14-Jul
PX06	87	196	23.70	38.5	27.3	0.0	0.00	181.4	16.2	0.0	0.0	650	15-Jul
PX06	87	197	16.10	35.9	26.0	0.0	0.00	198.7	17.2	0.0	0.0	650	16-Jul
PX06	87	198	30.60	39.1	21.7	0.0	0.00	302.4	10.7	0.0	0.0	650	17-Jul
PX06	87	199	27.50	37.1	22.8	0.0	0.00	207.4	12.5	0.0	0.0	650	18-Jul
PX06	87	200	30.10	40.0	21.6	0.0	0.00	146.9	9.8	0.0	0.0	650	19-Jul
PX06	87	201	26.40	42.9	27.2	0.0	0.00	155.5	15.8	0.0	0.0	650	20-Jul
PX06	87	202	21.10	41.1	22.6	15.2	0.00	233.3	14.4	0.0	0.0	650	21-Jul
PX06	87	203	29.50	39.8	17.7	0.0	0.00	121.0	13.5	0.0	0.0	650	22-Jul
PX06	87	204	30.10	40.7	18.2	0.0	0.00	112.3	8.6	0.0	0.0	650	23-Jul
PX06	87	205	27.70	42.0	23.3	0.0	0.00	138.2	8.8	0.0	0.0	650	24-Jul
PX06	87	206	23.50	43.4	30.7	0.0	0.00	155.5	15.6	0.0	0.0	650	25-Jul
PX06	87	207	26.00	44.7	25.9	0.0	0.00	198.7	18.8	0.0	0.0	650	26-Jul
PX06	87	208	23.10	37.8	25.2	11.9	0.00	190.1	20.1	0.0	0.0	650	27-Jul
PX06	87	209	21.70	35.9	24.5	1.3	0.00	121.0	20.4	0.0	0.0	650	28-Jul
PX06	87	210	23.50	39.2	25.2	0.0	0.00	129.6	19.4	0.0	0.0	650	29-Jul
PX06	87	211	28.50	39.7	26.8	0.0	0.00	198.7	18.8	0.0	0.0	650	30-Jul
PX06	87	212	21.70	40.6	23.2	0.0	0.00	129.6	21.2	0.0	0.0	650	31-Jul
PX06	87	213	27.50	39.1	25.5	18.0	0.00	172.8	21.9	0.0	0.0	650	01-Aug
PX06	87	214	28.40	41.6	28.5	0.0	0.00	224.6	21.0	0.0	0.0	650	02-Aug
PX06	87	215	25.90	41.8	26.3	0.0	0.00	121.0	19.9	0.0	0.0	650	03-Aug
PX06	87	216	27.80	38.9	24.2	0.0	0.00	172.8	21.0	0.0	0.0	650	04-Aug
PX06	87	217	27.20	36.2	24.1	12.7	0.00	121.0	24.1	0.0	0.0	650	05-Aug
PX06	87	218	23.30	37.6	27.2	0.0	0.00	146.9	22.6	0.0	0.0	650	06-Aug
PX06	87	219	25.40	40.5	28.0	0.0	0.00	138.2	18.2	0.0	0.0	650	07-Aug
PX06	87	220	27.50	41.0	26.6	0.0	0.00	112.3	16.9	0.0	0.0	650	08-Aug
PX06	87	221	19.40	39.3	27.5	0.0	0.00	129.6	17.7	0.0	0.0	650	09-Aug
PX06	87	222	24.40	41.3	24.8	0.0	0.00	164.2	18.5	0.0	0.0	650	10-Aug
PX06	87	223	12.50	30.1	23.6	7.9	0.00	95.0	21.7	0.0	0.0	650	11-Aug
PX06	87	224	27.30	36.6	24.2	0.0	0.00	146.9	20.3	0.0	0.0	650	12-Aug
PX06	87	225	28.00	38.1	24.6	0.0	0.00	129.6	16.3	0.0	0.0	650	13-Aug
PX06	87	226	28.30	39.8	24.7	0.0	0.00	285.1	13.2	0.0	0.0	650	14-Aug
PX06	87	227	28.80	38.7	21.8	0.0	0.00	181.4	10.9	0.0	0.0	650	15-Aug
PX06	87	228	28.10	39.7	20.4	0.0	0.00	112.3	8.5	0.0	0.0	650	16-Aug
PX06	87	229	27.80	41.6	20.3	0.0	0.00	95.0	9.4	0.0	0.0	650	17-Aug
PX06	87	230	27.40	40.6	22.3	0.0	0.00	103.7	12.8	0.0	0.0	650	18-Aug
PX06	87	231	25.90	39.2	25.1	0.0	0.00	129.6	15.0	0.0	0.0	650	19-Aug
PX06	87	232	26.00	40.8	29.4	0.0	0.00	155.5	17.7	0.0	0.0	650	20-Aug
PX06	87	233	24.90	40.5	27.3	0.0	0.00	146.9	17.5	0.0	0.0	650	21-Aug
PX06	87	234	24.80	38.7	27.8	0.0	0.00	181.4	19.3	0.0	0.0	650	22-Aug
PX06	87	235	17.80	35.0	24.2	3.6	0.00	121.0	20.3	0.0	0.0	650	23-Aug
PX06	87	236	19.40	38.8	23.8	3.0	0.00	224.6	18.9	0.0	0.0	650	24-Aug
PX06	87	237	21.60	36.3	21.9	21.1	0.00	138.2	18.4	0.0	0.0	650	25-Aug
PX06	87	238	25.60	35.7	21.8	0.0	0.00	172.8	15.7	0.0	0.0	650	26-Aug
PX06	87	239	25.70	37.1	20.7	0.0	0.00	95.0	13.8	0.0	0.0	650	27-Aug
PX06	87	240	24.80	39.8	22.9	0.0	0.00	103.7	13.5	0.0	0.0	650	28-Aug
PX06	87	241	25.00	41.6	24.2	0.0	0.00	146.9	12.2	0.0	0.0	650	29-Aug

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL	XTMAX		XRAIN	WIND	STMAX	CO2						
PX06	87	242	25.60	41.4	23.0	0.0	0.00	86.4	12.7	0.0	0.0	650	30-Aug
PX06	87	243	25.30	43.2	24.6	0.0	0.00	138.2	10.9	0.0	0.0	650	31-Aug
PX06	87	244	25.40	39.9	28.3	0.0	0.00	198.7	12.2	0.0	0.0	650	01-Sep
PX06	87	245	25.80	38.9	24.0	0.0	0.00	146.9	10.7	0.0	0.0	650	02-Sep
PX06	87	246	10.40	34.3	25.5	0.0	0.00	129.6	14.8	0.0	0.0	650	03-Sep
PX06	87	247	23.60	34.5	24.1	0.0	0.00	146.9	16.9	0.0	0.0	650	04-Sep
PX06	87	248	23.70	35.7	23.6	0.0	0.00	95.0	15.5	0.0	0.0	650	05-Sep
PX06	87	249	23.70	37.1	23.1	0.0	0.00	95.0	13.5	0.0	0.0	650	06-Sep
PX06	87	250	24.30	38.1	21.8	0.0	0.00	103.7	8.1	0.0	0.0	650	07-Sep
PX06	87	251	24.70	38.2	18.7	0.0	0.00	95.0	8.0	0.0	0.0	650	08-Sep
PX06	87	252	23.50	37.0	18.5	0.0	0.00	103.7	7.5	0.0	0.0	650	09-Sep
PX06	87	253	22.90	38.3	19.4	0.0	0.00	95.0	8.2	0.0	0.0	650	10-Sep
PX06	87	254	23.10	38.4	21.2	0.0	0.00	129.6	6.8	0.0	0.0	650	11-Sep
PX06	87	255	23.40	37.3	20.1	0.0	0.00	181.4	7.8	0.0	0.0	650	12-Sep
PX06	87	256	22.60	34.5	21.7	0.0	0.00	293.8	9.9	0.0	0.0	650	13-Sep
PX06	87	257	22.00	33.0	17.3	0.0	0.00	103.7	7.4	0.0	0.0	650	14-Sep
PX06	87	258	22.30	33.8	18.1	0.0	0.00	112.3	10.5	0.0	0.0	650	15-Sep
PX06	87	259	18.50	34.5	19.2	0.0	0.00	103.7	10.9	0.0	0.0	650	16-Sep
PX06	87	260	15.10	33.7	19.6	0.0	0.00	164.2	9.8	0.0	0.0	650	17-Sep
PX06	87	261	21.50	34.2	19.5	0.0	0.00	112.3	12.0	0.0	0.0	650	18-Sep
PX06	87	262	21.50	36.2	20.7	0.0	0.00	112.3	10.3	0.0	0.0	650	19-Sep
PX06	87	263	21.60	36.7	19.1	0.0	0.00	129.6	11.0	0.0	0.0	650	20-Sep
PX06	87	264	17.40	35.6	22.0	0.0	0.00	164.2	14.2	0.0	0.0	650	21-Sep
PX06	87	265	15.00	36.2	20.3	0.0	0.00	164.2	15.5	0.0	0.0	650	22-Sep
PX06	87	266	15.10	31.6	18.8	9.7	0.00	103.7	17.6	0.0	0.0	650	23-Sep
PX06	87	267	18.20	32.5	19.6	6.9	0.00	86.4	17.3	0.0	0.0	650	24-Sep
PX06	87	268	21.20	34.6	20.1	0.5	0.00	86.4	15.3	0.0	0.0	650	25-Sep
PX06	87	269	20.00	35.8	19.8	0.0	0.00	103.7	14.4	0.0	0.0	650	26-Sep
PX06	87	270	20.40	36.9	20.2	0.0	0.00	77.8	13.3	0.0	0.0	650	27-Sep
PX06	87	271	19.40	37.1	20.1	0.0	0.00	103.7	12.4	0.0	0.0	650	28-Sep
PX06	87	272	20.50	37.6	21.1	0.0	0.00	190.1	10.1	0.0	0.0	650	29-Sep
PX06	87	273	20.80	36.4	19.6	0.0	0.00	129.6	9.8	0.0	0.0	650	30-Sep
PX06	87	274	20.60	36.1	24.4	0.0	0.00	129.6	8.2	0.0	0.0	650	01-Oct
PX06	87	275	20.40	37.2	20.0	0.0	0.00	181.4	9.4	0.0	0.0	650	02-Oct
PX06	87	276	20.20	37.3	19.2	0.0	0.00	112.3	2.7	0.0	0.0	650	03-Oct
PX06	87	277	19.90	37.5	18.5	0.0	0.00	60.5	4.8	0.0	0.0	650	04-Oct
PX06	87	278	19.60	38.9	20.1	0.0	0.00	69.1	3.9	0.0	0.0	650	05-Oct
PX06	87	279	23.50	39.5	17.9	0.0	0.00	77.1	2.5	0.0	0.0	650	06-Oct
PX06	87	280	17.50	39.1	17.3	0.0	0.00	95.0	2.9	0.0	0.0	650	07-Oct
PX06	87	281	19.10	39.3	17.5	0.0	0.00	129.6	5.3	0.0	0.0	650	08-Oct
PX06	87	282	18.30	37.9	19.4	0.0	0.00	138.2	8.8	0.0	0.0	650	09-Oct
PX06	87	283	19.00	37.2	19.2	0.0	0.00	121.0	9.7	0.0	0.0	650	10-Oct

FILENAME: PX120407.W87

WEATHER DATA FOR CO2=650, IRR=DRY, NIT=+, REP=#2

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC      +      CO2YR WINDYR  
 PX12 33.40 112.00 2.30 0 1 1 0 1 650 0.0

	IYR	SOLRAD	XTMIN	XPAR	DEWPT	STMIN	A00
<u>INSTW</u>	<u>JUL</u>	<u>XTMAX</u>	<u>XRAIN</u>	<u>WIND</u>	<u>STMAX</u>	<u>CO2</u>	
PX12	87	92	29.63	33.1	8.8	0.0	02-Apr
PX12	87	93	26.89	31.5	11.4	0.0	03-Apr
PX12	87	94	23.16	22.4	7.5	0.2	04-Apr
PX12	87	95	29.12	25.1	4.3	0.0	05-Apr
PX12	87	96	24.28	28.3	8.8	0.0	06-Apr
PX12	87	97	28.30	31.0	10.8	0.0	07-Apr
PX12	87	98	27.72	30.4	10.8	0.0	08-Apr
PX12	87	99	28.73	33.1	12.7	0.0	09-Apr
PX12	87	100	29.32	34.7	14.0	0.0	10-Apr
PX12	87	101	27.69	34.2	14.0	0.0	11-Apr
PX12	87	102	28.20	31.5	14.7	0.0	12-Apr
PX12	87	103	29.62	29.9	11.4	0.0	13-Apr
PX12	87	104	29.89	35.2	10.1	0.0	14-Apr
PX12	87	105	27.78	37.4	12.7	0.0	15-Apr
PX12	87	106	26.30	37.9	14.0	0.0	16-Apr
PX12	87	107	29.33	37.9	14.7	0.0	17-Apr
PX12	87	108	24.32	34.7	15.3	0.0	18-Apr
PX12	87	109	24.30	29.4	14.0	0.0	19-Apr
PX12	87	110	29.16	31.0	8.8	0.0	20-Apr
PX12	87	111	29.45	34.7	10.8	0.0	21-Apr
PX12	87	112	29.41	33.1	16.0	0.0	22-Apr
PX12	87	113	29.85	35.8	17.3	0.0	23-Apr
PX12	87	114	28.10	36.4	16.2	0.0	24-Apr
PX12	87	115	28.10	36.4	20.4	0.0	25-Apr
PX12	87	116	28.10	37.8	20.6	0.0	26-Apr
PX12	87	117	22.30	36.0	21.5	0.0	27-Apr
PX12	87	118	28.00	36.6	19.8	0.0	28-Apr
PX12	87	119	22.40	37.2	21.6	0.0	29-Apr
PX12	87	120	24.00	34.2	20.6	0.3	30-Apr
PX12	87	121	29.10	31.8	13.5	0.0	01-May
PX12	87	122	25.80	30.4	16.9	0.0	02-May
PX12	87	123	29.50	34.0	14.0	0.0	03-May
PX12	87	124	29.70	36.4	14.8	0.0	04-May
PX12	87	125	29.10	38.3	16.0	0.0	05-May
PX12	87	126	29.30	38.0	20.7	0.0	06-May
PX12	87	127	28.10	37.5	24.0	0.0	07-May
PX12	87	128	29.30	35.9	21.8	0.0	08-May
PX12	87	129	29.50	37.3	19.5	0.0	09-May
PX12	87	130	27.30	36.7	23.0	0.0	10-May
PX12	87	131	29.10	37.0	19.7	1.5	11-May
PX12	87	132	28.50	39.2	21.5	0.0	12-May
PX12	87	133	28.90	39.5	21.6	0.0	13-May
PX12	87	134	25.60	39.3	24.7	0.0	14-May
PX12	87	135	24.00	37.4	21.5	0.3	15-May
PX12	87	136	28.10	36.8	20.4	0.0	16-May
PX12	87	137	29.10	38.3	20.1	0.0	17-May

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX12	87	138	29.30	38.3	22.1	0.0	0.00	190.1	11.2	0.0	0.0	650	18-May
PX12	87	139	24.40	35.3	21.6	0.0	0.00	172.8	11.1	0.0	0.0	650	19-May
PX12	87	140	26.40	34.6	20.4	0.0	0.00	233.3	11.3	0.0	0.0	650	20-May
PX12	87	141	29.50	32.2	17.0	0.0	0.00	138.2	8.9	0.0	0.0	650	21-May
PX12	87	142	29.30	35.6	16.4	0.0	0.00	121.0	11.1	0.0	0.0	650	22-May
PX12	87	143	31.20	35.6	17.2	0.0	0.00	146.9	1.3	0.0	0.0	650	23-May
PX12	87	144	28.30	34.2	17.1	0.0	0.00	129.6	3.2	0.0	0.0	650	24-May
PX12	87	145	23.10	32.8	17.4	0.0	0.00	198.7	5.3	0.0	0.0	650	25-May
PX12	87	146	30.10	28.0	13.4	0.0	0.00	164.2	3.9	0.0	0.0	650	26-May
PX12	87	147	29.90	29.9	13.3	0.0	0.00	112.3	5.0	0.0	0.0	650	27-May
PX12	87	148	30.10	32.6	16.3	0.0	0.00	121.0	5.8	0.0	0.0	650	28-May
PX12	87	149	30.40	35.1	16.9	0.0	0.00	121.0	6.7	0.0	0.0	650	29-May
PX12	87	150	30.80	37.4	17.7	0.0	0.00	103.7	7.1	0.0	0.0	650	30-May
PX12	87	151	31.40	38.7	19.0	0.0	0.00	129.6	7.5	0.0	0.0	650	31-May
PX12	87	152	31.40	40.0	22.1	0.5	0.00	172.8	9.4	0.0	0.0	650	01-Jun
PX12	87	153	31.00	41.3	21.3	0.0	0.00	121.0	8.6	0.0	0.0	650	02-Jun
PX12	87	154	28.70	42.9	21.3	0.0	0.00	95.0	9.2	0.0	0.0	650	03-Jun
PX12	87	155	28.50	42.1	26.2	0.0	0.00	224.6	10.4	0.0	0.0	650	04-Jun
PX12	87	156	19.60	39.1	24.9	0.0	0.00	181.4	10.6	0.0	0.0	650	05-Jun
PX12	87	157	30.80	35.1	24.0	1.8	0.00	129.6	17.0	0.0	0.0	650	06-Jun
PX12	87	158	31.20	40.4	23.6	0.0	0.00	164.2	10.3	0.0	0.0	650	07-Jun
PX12	87	159	31.60	40.8	23.3	0.0	0.00	146.8	9.5	0.0	0.0	650	08-Jun
PX12	87	160	32.00	39.8	22.3	0.0	0.00	112.3	8.9	0.0	0.0	650	09-Jun
PX12	87	161	32.00	41.9	21.8	0.0	0.00	112.3	7.7	0.0	0.0	650	10-Jun
PX12	87	162	30.40	40.5	20.8	0.0	0.00	95.0	8.2	0.0	0.0	650	11-Jun
PX12	87	163	30.10	41.0	25.4	0.0	0.00	77.8	10.0	0.0	0.0	650	12-Jun
PX12	87	164	29.90	43.0	24.7	0.0	0.00	25.9	10.7	0.0	0.0	650	13-Jun
PX12	87	165	30.40	45.4	26.3	0.0	0.00	86.4	12.6	0.0	0.0	650	14-Jun
PX12	87	166	32.00	41.6	26.5	0.0	0.00	129.6	10.7	0.0	0.0	650	15-Jun
PX12	87	167	31.20	38.7	21.3	0.0	0.00	43.2	9.3	0.0	0.0	650	16-Jun
PX12	87	168	32.00	40.0	20.8	0.0	0.00	43.2	11.8	0.0	0.0	650	17-Jun
PX12	87	169	32.20	38.6	21.4	0.0	0.00	103.7	5.4	0.0	0.0	650	18-Jun
PX12	87	170	30.10	37.9	19.8	0.0	0.00	17.3	8.2	0.0	0.0	650	19-Jun
PX12	87	171	28.30	38.0	19.8	0.0	0.00	25.9	3.4	0.0	0.0	650	20-Jun
PX12	87	172	32.00	38.6	19.6	0.0	0.00	60.5	6.8	0.0	0.0	650	21-Jun
PX12	87	173	32.00	38.5	21.8	0.0	0.00	51.8	8.9	0.0	0.0	650	22-Jun
PX12	87	174	31.00	38.4	21.4	0.0	0.00	34.6	11.2	0.0	0.0	650	23-Jun
PX12	87	175	30.10	39.6	23.0	0.0	0.00	34.6	12.9	0.0	0.0	650	24-Jun
PX12	87	176	16.50	38.5	27.6	0.0	0.00	8.6	14.9	0.0	0.0	650	25-Jun
PX12	87	177	30.60	41.4	24.5	0.0	0.00	34.6	15.8	0.0	0.0	650	26-Jun
PX12	87	178	31.00	41.6	25.6	0.0	0.00	43.2	8.5	0.0	0.0	650	27-Jun
PX12	87	179	31.40	40.8	24.7	0.0	0.00	77.8	3.8	0.0	0.0	650	28-Jun
PX12	87	180	31.60	40.5	23.6	0.0	0.00	95.0	4.5	0.0	0.0	650	29-Jun
PX12	87	181	31.20	39.4	20.7	0.0	0.00	146.9	2.5	0.0	0.0	650	30-Jun
PX12	87	182	27.90	38.0	22.5	0.0	0.00	103.7	6.5	0.0	0.0	650	01-Jul
PX12	87	183	31.60	39.1	18.7	0.0	0.00	103.7	6.4	0.0	0.0	650	02-Jul
PX12	87	184	31.40	39.2	20.4	0.0	0.00	103.7	5.6	0.0	0.0	650	03-Jul
PX12	87	185	32.40	38.9	20.4	1.3	0.00	155.5	3.0	0.0	0.0	650	04-Jul
PX12	87	186	32.20	39.7	20.5	0.0	0.00	138.2	3.4	0.0	0.0	650	05-Jul
PX12	87	187	31.20	39.8	21.8	0.0	0.00	112.3	2.9	0.0	0.0	650	06-Jul
PX12	87	188	23.90	38.8	21.5	0.0	0.00	112.3	6.1	0.0	0.0	650	07-Jul
PX12	87	189	20.50	39.4	20.6	0.0	0.00	129.6	5.4	0.0	0.0	650	08-Jul

	IYR	SOLRAD	XTMIN		XPAR		DEWPT		STMIN		A00		
INSTW	JUL	XTMAX		XRAIN	WIND		STMAX	CO2					
PX12	87	190	19.70	40.0	21.3	0.0	0.00	241.9	4.8	0.0	0.0	650	09-Jul
PX12	87	191	27.90	38.8	21.9	0.0	0.00	172.8	6.8	0.0	0.0	650	10-Jul
PX12	87	192	31.00	39.5	21.2	0.0	0.00	129.6	6.8	0.0	0.0	650	11-Jul
PX12	87	193	28.90	39.9	22.1	0.0	0.00	103.7	8.0	0.0	0.0	650	12-Jul
PX12	87	194	29.70	42.4	23.6	0.0	0.00	103.7	12.5	0.0	0.0	650	13-Jul
PX12	87	195	27.50	42.1	25.9	0.0	0.00	207.4	11.0	0.0	0.0	650	14-Jul
PX12	87	196	23.70	37.9	27.6	0.0	0.00	181.4	14.5	0.0	0.0	650	15-Jul
PX12	87	197	16.10	34.5	26.1	0.0	0.00	198.7	16.7	0.0	0.0	650	16-Jul
PX12	87	198	30.60	37.7	21.5	0.0	0.00	302.4	9.4	0.0	0.0	650	17-Jul
PX12	87	199	27.50	36.0	22.8	0.0	0.00	207.4	11.8	0.0	0.0	650	18-Jul
PX12	87	200	30.10	39.0	21.2	0.0	0.00	146.9	9.2	0.0	0.0	650	19-Jul
PX12	87	201	26.40	41.7	27.0	0.0	0.00	155.5	15.1	0.0	0.0	650	20-Jul
PX12	87	202	21.10	41.0	23.2	15.2	0.00	233.3	13.0	0.0	0.0	650	21-Jul
PX12	87	203	29.50	38.1	18.3	0.0	0.00	121.0	7.7	0.0	0.0	650	22-Jul
PX12	87	204	30.10	40.3	20.3	0.0	0.00	112.3	6.1	0.0	0.0	650	23-Jul
PX12	87	205	27.70	41.9	23.3	0.0	0.00	138.2	7.3	0.0	0.0	650	24-Jul
PX12	87	206	23.50	42.9	30.7	0.0	0.00	155.5	15.4	0.0	0.0	650	25-Jul
PX12	87	207	26.00	43.1	25.9	0.0	0.00	198.7	19.9	0.0	0.0	650	26-Jul
PX12	87	208	23.10	37.0	25.3	11.9	0.00	190.1	20.2	0.0	0.0	650	27-Jul
PX12	87	209	21.70	34.5	24.7	1.3	0.00	121.0	20.5	0.0	0.0	650	28-Jul
PX12	87	210	23.50	37.8	25.3	0.0	0.00	129.6	19.3	0.0	0.0	650	29-Jul
PX12	87	211	28.50	39.6	26.8	0.0	0.00	198.7	18.3	0.0	0.0	650	30-Jul
PX12	87	212	21.70	39.7	23.4	0.0	0.00	129.6	21.0	0.0	0.0	650	31-Jul
PX12	87	213	27.50	36.8	25.8	18.0	0.00	172.8	21.4	0.0	0.0	650	01-Aug
PX12	87	214	28.40	39.2	28.4	0.0	0.00	224.6	20.7	0.0	0.0	650	02-Aug
PX12	87	215	25.90	39.7	26.4	0.0	0.00	121.0	20.3	0.0	0.0	650	03-Aug
PX12	87	216	27.80	39.3	24.4	0.0	0.00	172.8	21.8	0.0	0.0	650	04-Aug
PX12	87	217	27.20	36.5	24.3	12.7	0.00	121.0	22.0	0.0	0.0	650	05-Aug
PX12	87	218	23.30	37.8	27.3	0.0	0.00	146.9	21.8	0.0	0.0	650	06-Aug
PX12	87	219	25.40	40.3	27.7	0.0	0.00	138.2	17.2	0.0	0.0	650	07-Aug
PX12	87	220	27.50	40.5	26.6	0.0	0.00	112.3	16.3	0.0	0.0	650	08-Aug
PX12	87	221	19.40	38.6	27.5	0.0	0.00	129.6	17.4	0.0	0.0	650	09-Aug
PX12	87	222	24.40	40.4	25.2	0.0	0.00	164.2	18.4	0.0	0.0	650	10-Aug
PX12	87	223	12.50	30.1	23.2	7.9	0.00	95.0	21.5	0.0	0.0	650	11-Aug
PX12	87	224	27.30	36.6	24.3	0.0	0.00	146.9	20.0	0.0	0.0	650	12-Aug
PX12	87	225	28.00	38.0	24.6	0.0	0.00	129.6	17.0	0.0	0.0	650	13-Aug
PX12	87	226	28.30	38.7	24.8	0.0	0.00	285.1	13.7	0.0	0.0	650	14-Aug
PX12	87	227	28.80	37.6	22.1	0.0	0.00	181.4	11.2	0.0	0.0	650	15-Aug
PX12	87	228	28.10	38.6	20.4	0.0	0.00	112.3	8.9	0.0	0.0	650	16-Aug
PX12	87	229	27.80	41.2	19.9	0.0	0.00	95.0	11.8	0.0	0.0	650	17-Aug
PX12	87	230	27.40	40.4	21.8	0.0	0.00	103.7	14.4	0.0	0.0	650	18-Aug
PX12	87	231	25.90	38.7	25.5	0.0	0.00	129.6	16.8	0.0	0.0	650	19-Aug
PX12	87	232	26.00	40.4	29.5	0.0	0.00	155.5	19.0	0.0	0.0	650	20-Aug
PX12	87	233	24.90	40.4	27.4	0.0	0.00	146.9	17.3	0.0	0.0	650	21-Aug
PX12	87	234	24.80	38.2	28.1	0.0	0.00	181.4	18.5	0.0	0.0	650	22-Aug
PX12	87	235	17.80	35.0	24.5	3.6	0.00	121.0	19.9	0.0	0.0	650	23-Aug
PX12	87	236	19.40	37.9	24.0	3.0	0.00	224.6	18.2	0.0	0.0	650	24-Aug
PX12	87	237	21.60	35.4	21.9	21.1	0.00	138.2	17.7	0.0	0.0	650	25-Aug
PX12	87	238	25.60	34.3	21.6	0.0	0.00	172.8	15.4	0.0	0.0	650	26-Aug
PX12	87	239	25.70	35.7	20.3	0.0	0.00	95.0	13.8	0.0	0.0	650	27-Aug
PX12	87	240	24.80	38.5	22.4	0.0	0.00	103.7	14.8	0.0	0.0	650	28-Aug
PX12	87	241	25.00	39.9	24.0	0.0	0.00	146.9	12.3	0.0	0.0	650	29-Aug

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX12	87	242	25.60	39.2	22.7	0.0	0.00	86.4	12.6	0.0	0.0	650	30-Aug
PX12	87	243	25.30	41.9	24.4	0.0	0.00	138.2	11.6	0.0	0.0	650	31-Aug
PX12	87	244	25.40	39.4	28.2	0.0	0.00	198.7	11.2	0.0	0.0	650	01-Sep
PX12	87	245	25.80	38.4	24.0	0.0	0.00	146.9	10.9	0.0	0.0	650	02-Sep
PX12	87	246	10.40	33.3	24.9	0.0	0.00	129.6	15.0	0.0	0.0	650	03-Sep
PX12	87	247	23.60	33.1	24.0	0.0	0.00	146.9	16.7	0.0	0.0	650	04-Sep
PX12	87	248	23.70	34.3	23.4	0.0	0.00	95.0	15.6	0.0	0.0	650	05-Sep
PX12	87	249	23.70	35.7	23.0	0.0	0.00	95.0	13.7	0.0	0.0	650	06-Sep
PX12	87	250	24.30	36.4	20.9	0.0	0.00	103.7	9.0	0.0	0.0	650	07-Sep
PX12	87	251	24.70	36.3	18.0	0.0	0.00	95.0	8.0	0.0	0.0	650	08-Sep
PX12	87	252	23.50	36.0	18.7	0.0	0.00	103.7	7.1	0.0	0.0	650	09-Sep
PX12	87	253	22.90	37.0	19.5	0.0	0.00	95.0	8.2	0.0	0.0	650	10-Sep
PX12	87	254	23.10	37.3	21.1	0.0	0.00	129.6	7.3	0.0	0.0	650	11-Sep
PX12	87	255	23.40	36.4	20.0	0.0	0.00	181.4	8.5	0.0	0.0	650	12-Sep
PX12	87	256	22.60	33.2	21.1	0.0	0.00	293.8	10.5	0.0	0.0	650	13-Sep
PX12	87	257	22.00	31.9	17.2	0.0	0.00	103.7	8.8	0.0	0.0	650	14-Sep
PX12	87	258	22.30	33.6	17.9	0.0	0.00	112.3	11.6	0.0	0.0	650	15-Sep
PX12	87	259	18.50	33.9	19.3	0.0	0.00	103.7	12.4	0.0	0.0	650	16-Sep
PX12	87	260	15.10	33.3	19.2	0.0	0.00	164.2	12.3	0.0	0.0	650	17-Sep
PX12	87	261	21.50	33.4	18.8	0.0	0.00	112.3	9.5	0.0	0.0	650	18-Sep
PX12	87	262	21.50	35.5	20.5	0.0	0.00	112.3	11.1	0.0	0.0	650	19-Sep
PX12	87	263	21.60	36.7	19.9	0.0	0.00	129.6	10.9	0.0	0.0	650	20-Sep
PX12	87	264	17.40	35.2	21.4	0.0	0.00	164.2	13.1	0.0	0.0	650	21-Sep
PX12	87	265	15.00	36.3	20.3	0.0	0.00	164.2	14.6	0.0	0.0	650	22-Sep
PX12	87	266	15.10	31.5	18.8	9.7	0.00	103.7	17.9	0.0	0.0	650	23-Sep
PX12	87	267	18.20	32.4	19.7	6.9	0.00	86.4	18.0	0.0	0.0	650	24-Sep
PX12	87	268	21.20	34.5	20.2	0.5	0.00	86.4	15.9	0.0	0.0	650	25-Sep
PX12	87	269	20.00	35.6	19.8	0.0	0.00	103.7	15.0	0.0	0.0	650	26-Sep
PX12	87	270	20.40	36.7	20.1	0.0	0.00	77.8	13.8	0.0	0.0	650	27-Sep
PX12	87	271	19.40	36.8	19.7	0.0	0.00	103.7	12.1	0.0	0.0	650	28-Sep
PX12	87	272	20.50	38.5	20.8	0.0	0.00	190.1	10.9	0.0	0.0	650	29-Sep
PX12	87	273	20.80	36.3	19.5	0.0	0.00	129.6	11.3	0.0	0.0	650	30-Sep
PX12	87	274	20.60	36.5	23.7	0.0	0.00	129.6	8.6	0.0	0.0	650	01-Oct
PX12	87	275	20.40	37.3	19.7	0.0	0.00	181.4	12.0	0.0	0.0	650	02-Oct
PX12	87	276	20.20	37.3	18.7	0.0	0.00	112.3	4.6	0.0	0.0	650	03-Oct
PX12	87	277	19.90	37.7	17.8	0.0	0.00	60.5	6.4	0.0	0.0	650	04-Oct
PX12	87	278	19.60	38.8	19.7	0.0	0.00	69.1	6.7	0.0	0.0	650	05-Oct
PX12	87	279	23.50	39.4	17.8	0.0	0.00	77.1	4.6	0.0	0.0	650	06-Oct
PX12	87	280	17.50	37.8	15.9	0.0	0.00	95.0	4.8	0.0	0.0	650	07-Oct
PX12	87	281	19.10	38.7	17.6	0.0	0.00	129.6	4.3	0.0	0.0	650	08-Oct
PX12	87	282	18.30	36.7	19.2	0.0	0.00	138.2	10.9	0.0	0.0	650	09-Oct
PX12	87	283	19.00	36.3	19.2	0.0	0.00	121.0	11.9	0.0	0.0	650	10-Oct

FILENAME: PX040407.W87

WEATHER DATA FOR CO2=650, IRR=WET, NIT--, REP=#1

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC     ↓     CO2YR WINDYR  
 PX04 33.40 112.00 2.30 0 1 1 0 1 650 0.0

	IYR	SOLRAD	XTMIN	XPAR	DEWPT	STMIN	A00
<u>INSTW</u>	<u>JUL</u>	<u>XTMAX</u>	<u>XRAIN</u>	<u>WIND</u>	<u>STMAX</u>	<u>CO2</u>	
PX04	87	92	29.63	33.1	8.8	0.0	02-Apr
PX04	87	93	26.89	31.5	11.4	0.0	03-Apr
PX04	87	94	23.16	22.4	7.5	0.2	04-Apr
PX04	87	95	29.12	25.1	4.3	0.0	05-Apr
PX04	87	96	24.28	28.3	8.8	0.0	06-Apr
PX04	87	97	28.30	31.0	10.8	0.0	07-Apr
PX04	87	98	27.72	30.4	10.8	0.0	08-Apr
PX04	87	99	28.73	33.1	12.7	0.0	09-Apr
PX04	87	100	29.32	34.7	14.0	0.0	10-Apr
PX04	87	101	27.69	34.2	14.0	0.0	11-Apr
PX04	87	102	28.20	31.5	14.7	0.0	12-Apr
PX04	87	103	29.62	29.9	11.4	0.0	13-Apr
PX04	87	104	29.89	35.2	10.1	0.0	14-Apr
PX04	87	105	27.78	37.4	12.7	0.0	15-Apr
PX04	87	106	26.30	37.9	14.0	0.0	16-Apr
PX04	87	107	29.33	37.9	14.7	0.0	17-Apr
PX04	87	108	24.32	34.7	15.3	0.0	18-Apr
PX04	87	109	24.30	29.4	14.0	0.0	19-Apr
PX04	87	110	29.16	31.0	8.8	0.0	20-Apr
PX04	87	111	29.45	34.7	10.8	0.0	21-Apr
PX04	87	112	29.41	33.1	16.0	0.0	22-Apr
PX04	87	113	29.85	35.8	17.3	0.0	23-Apr
PX04	87	114	28.10	36.0	15.5	0.0	24-Apr
PX04	87	115	28.10	36.6	20.2	0.0	25-Apr
PX04	87	116	28.10	38.3	20.3	0.0	26-Apr
PX04	87	117	22.30	36.7	21.1	0.0	27-Apr
PX04	87	118	28.00	36.3	19.3	0.0	28-Apr
PX04	87	119	22.40	36.5	21.2	0.0	29-Apr
PX04	87	120	24.00	34.7	20.7	0.3	30-Apr
PX04	87	121	29.10	32.0	13.4	0.0	01-May
PX04	87	122	25.80	30.9	16.7	0.0	02-May
PX04	87	123	29.50	34.0	13.6	0.0	03-May
PX04	87	124	29.70	36.5	13.6	0.0	04-May
PX04	87	125	29.10	38.2	15.6	0.0	05-May
PX04	87	126	29.30	38.5	20.1	0.0	06-May
PX04	87	127	28.10	37.8	23.8	0.0	07-May
PX04	87	128	29.30	37.0	21.7	0.0	08-May
PX04	87	129	29.50	38.5	19.4	0.0	09-May
PX04	87	130	27.30	37.7	22.7	0.0	10-May
PX04	87	131	29.10	37.7	19.5	1.5	11-May
PX04	87	132	28.50	39.7	20.7	0.0	12-May
PX04	87	133	28.90	40.2	21.2	0.0	13-May
PX04	87	134	25.60	40.1	24.8	0.0	14-May
PX04	87	135	24.00	38.0	21.5	0.3	15-May
PX04	87	136	28.10	37.0	19.8	0.0	16-May
PX04	87	137	29.10	38.5	19.9	0.0	17-May

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX04	87	138	29.30	38.4	21.9	0.0	0.00	190.1	7.3	0.0	0.0	650	18-May
PX04	87	139	24.40	35.9	21.5	0.0	0.00	172.8	6.1	0.0	0.0	650	19-May
PX04	87	140	26.40	34.8	20.5	0.0	0.00	233.3	8.5	0.0	0.0	650	20-May
PX04	87	141	29.50	32.5	16.5	0.0	0.00	138.2	8.9	0.0	0.0	650	21-May
PX04	87	142	29.30	36.1	16.0	0.0	0.00	121.0	5.0	0.0	0.0	650	22-May
PX04	87	143	31.20	35.9	16.2	0.0	0.00	146.9	1.3	0.0	0.0	650	23-May
PX04	87	144	28.30	34.6	16.8	0.0	0.00	129.6	2.1	0.0	0.0	650	24-May
PX04	87	145	23.10	32.9	17.2	0.0	0.00	198.7	3.2	0.0	0.0	650	25-May
PX04	87	146	30.10	28.5	13.4	0.0	0.00	164.2	2.1	0.0	0.0	650	26-May
PX04	87	147	29.90	30.6	12.5	0.0	0.00	112.3	2.9	0.0	0.0	650	27-May
PX04	87	148	30.10	33.1	16.0	0.0	0.00	121.0	2.3	0.0	0.0	650	28-May
PX04	87	149	30.40	35.1	16.1	0.0	0.00	121.0	4.6	0.0	0.0	650	29-May
PX04	87	150	30.80	37.7	17.4	0.0	0.00	103.7	2.9	0.0	0.0	650	30-May
PX04	87	151	31.40	39.0	18.3	0.0	0.00	129.6	3.6	0.0	0.0	650	31-May
PX04	87	152	31.40	40.3	21.5	0.5	0.00	172.8	4.1	0.0	0.0	650	01-Jun
PX04	87	153	31.00	41.0	20.9	0.0	0.00	121.0	6.2	0.0	0.0	650	02-Jun
PX04	87	154	28.70	42.7	20.7	0.0	0.00	95.0	5.3	0.0	0.0	650	03-Jun
PX04	87	155	28.50	40.3	26.3	0.0	0.00	224.6	9.4	0.0	0.0	650	04-Jun
PX04	87	156	19.60	39.9	24.4	0.0	0.00	181.4	9.4	0.0	0.0	650	05-Jun
PX04	87	157	30.80	35.8	23.6	1.8	0.00	129.6	15.5	0.0	0.0	650	06-Jun
PX04	87	158	31.20	40.9	23.3	0.0	0.00	164.2	11.9	0.0	0.0	650	07-Jun
PX04	87	159	31.60	41.3	22.5	0.0	0.00	146.8	5.9	0.0	0.0	650	08-Jun
PX04	87	160	32.00	40.0	22.0	0.0	0.00	112.3	6.5	0.0	0.0	650	09-Jun
PX04	87	161	32.00	41.1	20.3	0.0	0.00	112.3	4.6	0.0	0.0	650	10-Jun
PX04	87	162	30.40	40.3	20.6	0.0	0.00	95.0	6.2	0.0	0.0	650	11-Jun
PX04	87	163	30.10	40.7	25.0	0.0	0.00	77.8	10.0	0.0	0.0	650	12-Jun
PX04	87	164	29.90	42.9	24.2	0.0	0.00	25.9	9.0	0.0	0.0	650	13-Jun
PX04	87	165	30.40	45.0	26.0	0.0	0.00	86.4	8.9	0.0	0.0	650	14-Jun
PX04	87	166	32.00	41.5	25.7	0.0	0.00	129.6	5.4	0.0	0.0	650	15-Jun
PX04	87	167	31.20	39.1	20.7	0.0	0.00	43.2	3.6	0.0	0.0	650	16-Jun
PX04	87	168	32.00	38.9	18.8	0.0	0.00	43.2	6.2	0.0	0.0	650	17-Jun
PX04	87	169	32.20	38.2	19.6	0.0	0.00	103.7	5.4	0.0	0.0	650	18-Jun
PX04	87	170	30.10	38.0	18.1	0.0	0.00	17.3	4.6	0.0	0.0	650	19-Jun
PX04	87	171	28.30	38.6	18.6	0.0	0.00	25.9	4.8	0.0	0.0	650	20-Jun
PX04	87	172	32.00	39.1	18.6	0.0	0.00	60.5	6.2	0.0	0.0	650	21-Jun
PX04	87	173	32.00	38.6	20.5	0.0	0.00	51.8	7.8	0.0	0.0	650	22-Jun
PX04	87	174	31.00	39.0	20.6	0.0	0.00	34.6	11.4	0.0	0.0	650	23-Jun
PX04	87	175	30.10	38.5	21.7	0.0	0.00	34.6	13.2	0.0	0.0	650	24-Jun
PX04	87	176	16.50	38.7	26.4	0.0	0.00	8.6	13.5	0.0	0.0	650	25-Jun
PX04	87	177	30.60	41.1	24.1	0.0	0.00	34.6	12.4	0.0	0.0	650	26-Jun
PX04	87	178	31.00	41.1	24.9	0.0	0.00	43.2	10.3	0.0	0.0	650	27-Jun
PX04	87	179	31.40	40.5	23.6	0.0	0.00	77.8	7.5	0.0	0.0	650	28-Jun
PX04	87	180	31.60	39.9	22.6	0.0	0.00	95.0	6.2	0.0	0.0	650	29-Jun
PX04	87	181	31.20	40.0	19.0	0.0	0.00	146.9	4.1	0.0	0.0	650	30-Jun
PX04	87	182	27.90	38.6	21.1	0.0	0.00	103.7	3.4	0.0	0.0	650	01-Jul
PX04	87	183	31.60	39.7	17.4	0.0	0.00	103.7	6.4	0.0	0.0	650	02-Jul
PX04	87	184	31.40	39.4	19.1	0.0	0.00	103.7	6.4	0.0	0.0	650	03-Jul
PX04	87	185	32.40	39.4	19.7	1.3	0.00	155.5	4.8	0.0	0.0	650	04-Jul
PX04	87	186	32.20	40.3	18.5	0.0	0.00	138.2	5.3	0.0	0.0	650	05-Jul
PX04	87	187	31.20	40.0	20.2	0.0	0.00	112.3	4.8	0.0	0.0	650	06-Jul
PX04	87	188	23.90	40.4	20.7	0.0	0.00	112.3	7.4	0.0	0.0	650	07-Jul
PX04	87	189	20.50	40.7	20.9	0.0	0.00	129.6	7.1	0.0	0.0	650	08-Jul



	IYR	SOLRAD	XTMIN	XPAR	DEWPT	STMIN	A00						
INSTW	JUL	XTMAX	XRAIN	WIND	STMAX	CO2							
PX04	87	190	19.70	39.4	20.5	0.0	0.00	241.9	6.7	0.0	0.0	650	09-Jul
PX04	87	191	27.90	39.8	19.5	0.0	0.00	172.8	8.5	0.0	0.0	650	10-Jul
PX04	87	192	31.00	40.2	22.0	0.0	0.00	129.6	8.1	0.0	0.0	650	11-Jul
PX04	87	193	28.90	42.4	23.4	0.0	0.00	103.7	9.0	0.0	0.0	650	12-Jul
PX04	87	194	29.70	42.4	23.4	0.0	0.00	103.7	8.5	0.0	0.0	650	13-Jul
PX04	87	195	27.50	42.8	25.1	0.0	0.00	207.4	11.6	0.0	0.0	650	14-Jul
PX04	87	196	23.70	38.5	27.0	0.0	0.00	181.4	15.0	0.0	0.0	650	15-Jul
PX04	87	197	16.10	34.8	26.0	0.0	0.00	198.7	17.0	0.0	0.0	650	16-Jul
PX04	87	198	30.60	38.6	21.0	0.0	0.00	302.4	9.8	0.0	0.0	650	17-Jul
PX04	87	199	27.50	36.8	22.7	0.0	0.00	207.4	12.1	0.0	0.0	650	18-Jul
PX04	87	200	30.10	39.2	21.0	0.0	0.00	146.9	9.7	0.0	0.0	650	19-Jul
PX04	87	201	26.40	41.6	27.0	0.0	0.00	155.5	15.6	0.0	0.0	650	20-Jul
PX04	87	202	21.10	42.1	22.4	15.2	0.00	233.3	13.4	0.0	0.0	650	21-Jul
PX04	87	203	29.50	38.9	17.9	0.0	0.00	121.0	8.4	0.0	0.0	650	22-Jul
PX04	87	204	30.10	40.6	19.1	0.0	0.00	112.3	6.7	0.0	0.0	650	23-Jul
PX04	87	205	27.70	42.4	21.5	0.0	0.00	138.2	8.5	0.0	0.0	650	24-Jul
PX04	87	206	23.50	42.9	30.3	0.0	0.00	155.5	15.0	0.0	0.0	650	25-Jul
PX04	87	207	26.00	43.3	25.9	0.0	0.00	198.7	18.4	0.0	0.0	650	26-Jul
PX04	87	208	23.10	37.6	25.6	11.9	0.00	190.1	20.1	0.0	0.0	650	27-Jul
PX04	87	209	21.70	35.3	24.6	1.3	0.00	121.0	20.6	0.0	0.0	650	28-Jul
PX04	87	210	23.50	38.1	24.5	0.0	0.00	129.6	19.5	0.0	0.0	650	29-Jul
PX04	87	211	28.50	39.4	26.0	0.0	0.00	198.7	18.9	0.0	0.0	650	30-Jul
PX04	87	212	21.70	39.4	23.4	0.0	0.00	129.6	21.2	0.0	0.0	650	31-Jul
PX04	87	213	27.50	37.0	25.7	18.0	0.00	172.8	21.9	0.0	0.0	650	01-Aug
PX04	87	214	28.40	39.4	28.3	0.0	0.00	224.6	21.2	0.0	0.0	650	02-Aug
PX04	87	215	25.90	39.3	26.1	0.0	0.00	121.0	20.3	0.0	0.0	650	03-Aug
PX04	87	216	27.80	39.8	24.3	0.0	0.00	172.8	20.6	0.0	0.0	650	04-Aug
PX04	87	217	27.20	36.4	24.3	12.7	0.00	121.0	22.5	0.0	0.0	650	05-Aug
PX04	87	218	23.30	37.7	27.2	0.0	0.00	146.9	22.4	0.0	0.0	650	06-Aug
PX04	87	219	25.40	40.0	27.2	0.0	0.00	138.2	18.1	0.0	0.0	650	07-Aug
PX04	87	220	27.50	40.3	26.0	0.0	0.00	112.3	17.3	0.0	0.0	650	08-Aug
PX04	87	221	19.40	37.8	27.0	0.0	0.00	129.6	18.0	0.0	0.0	650	09-Aug
PX04	87	222	24.40	39.1	25.1	0.0	0.00	164.2	18.9	0.0	0.0	650	10-Aug
PX04	87	223	12.50	30.4	23.0	7.9	0.00	95.0	21.7	0.0	0.0	650	11-Aug
PX04	87	224	27.30	36.6	23.5	0.0	0.00	146.9	20.2	0.0	0.0	650	12-Aug
PX04	87	225	28.00	37.6	24.1	0.0	0.00	129.6	16.3	0.0	0.0	650	13-Aug
PX04	87	226	28.30	38.7	24.0	0.0	0.00	285.1	13.2	0.0	0.0	650	14-Aug
PX04	87	227	28.80	37.7	21.1	0.0	0.00	181.4	11.6	0.0	0.0	650	15-Aug
PX04	87	228	28.10	38.7	19.8	0.0	0.00	112.3	9.0	0.0	0.0	650	16-Aug
PX04	87	229	27.80	39.7	19.5	0.0	0.00	95.0	10.4	0.0	0.0	650	17-Aug
PX04	87	230	27.40	39.3	21.4	0.0	0.00	103.7	13.2	0.0	0.0	650	18-Aug
PX04	87	231	25.90	37.3	24.5	0.0	0.00	129.6	15.8	0.0	0.0	650	19-Aug
PX04	87	232	26.00	40.1	28.6	0.0	0.00	155.5	17.7	0.0	0.0	650	20-Aug
PX04	87	233	24.90	39.3	26.5	0.0	0.00	146.9	17.7	0.0	0.0	650	21-Aug
PX04	87	234	24.80	37.2	27.7	0.0	0.00	181.4	19.5	0.0	0.0	650	22-Aug
PX04	87	235	17.80	34.1	24.1	3.6	0.00	121.0	20.6	0.0	0.0	650	23-Aug
PX04	87	236	19.40	36.9	23.9	3.0	0.00	224.6	19.0	0.0	0.0	650	24-Aug
PX04	87	237	21.60	35.5	21.8	21.1	0.00	138.2	18.4	0.0	0.0	650	25-Aug
PX04	87	238	25.60	33.9	21.2	0.0	0.00	172.8	16.1	0.0	0.0	650	26-Aug
PX04	87	239	25.70	35.3	19.6	0.0	0.00	95.0	14.4	0.0	0.0	650	27-Aug
PX04	87	240	24.80	38.4	21.7	0.0	0.00	103.7	14.3	0.0	0.0	650	28-Aug
PX04	87	241	25.00	39.6	23.0	0.0	0.00	146.9	14.0	0.0	0.0	650	29-Aug

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL	XTMAX		XRAIN	WIND	STMAX	CO2						
PX04	87	242	25.60	39.2	22.1	0.0	0.00	86.4	13.8	0.0	0.0	650	30-Aug
PX04	87	243	25.30	41.3	23.7	0.0	0.00	138.2	11.9	0.0	0.0	650	31-Aug
PX04	87	244	25.40	39.5	27.0	0.0	0.00	198.7	12.3	0.0	0.0	650	01-Sep
PX04	87	245	25.80	38.4	23.2	0.0	0.00	146.9	11.6	0.0	0.0	650	02-Sep
PX04	87	246	10.40	33.7	24.6	0.0	0.00	129.6	15.6	0.0	0.0	650	03-Sep
PX04	87	247	23.60	33.9	24.0	0.0	0.00	146.9	17.0	0.0	0.0	650	04-Sep
PX04	87	248	23.70	35.0	23.5	0.0	0.00	95.0	16.0	0.0	0.0	650	05-Sep
PX04	87	249	23.70	36.3	22.4	0.0	0.00	95.0	14.1	0.0	0.0	650	06-Sep
PX04	87	250	24.30	37.2	20.8	0.0	0.00	103.7	8.9	0.0	0.0	650	07-Sep
PX04	87	251	24.70	37.5	17.7	0.0	0.00	95.0	8.0	0.0	0.0	650	08-Sep
PX04	87	252	23.50	36.5	17.1	0.0	0.00	103.7	8.1	0.0	0.0	650	09-Sep
PX04	87	253	22.90	38.0	18.5	0.0	0.00	95.0	8.5	0.0	0.0	650	10-Sep
PX04	87	254	23.10	38.3	20.6	0.0	0.00	129.6	7.0	0.0	0.0	650	11-Sep
PX04	87	255	23.40	37.6	19.1	0.0	0.00	181.4	7.3	0.0	0.0	650	12-Sep
PX04	87	256	22.60	34.5	21.1	0.0	0.00	293.8	9.4	0.0	0.0	650	13-Sep
PX04	87	257	22.00	33.4	16.5	0.0	0.00	103.7	7.3	0.0	0.0	650	14-Sep
PX04	87	258	22.30	35.3	17.1	0.0	0.00	112.3	9.8	0.0	0.0	650	15-Sep
PX04	87	259	18.50	35.3	18.3	0.0	0.00	103.7	10.9	0.0	0.0	650	16-Sep
PX04	87	260	15.10	34.6	18.4	0.0	0.00	164.2	10.5	0.0	0.0	650	17-Sep
PX04	87	261	21.50	33.5	16.8	0.0	0.00	112.3	13.2	0.0	0.0	650	18-Sep
PX04	87	262	21.50	37.4	18.3	0.0	0.00	112.3	11.8	0.0	0.0	650	19-Sep
PX04	87	263	21.60	38.5	19.5	0.0	0.00	129.6	8.6	0.0	0.0	650	20-Sep
PX04	87	264	17.40	36.2	21.6	0.0	0.00	164.2	13.6	0.0	0.0	650	21-Sep
PX04	87	265	15.00	37.0	20.1	0.0	0.00	164.2	15.0	0.0	0.0	650	22-Sep
PX04	87	266	15.10	31.5	18.7	9.7	0.00	103.7	17.3	0.0	0.0	650	23-Sep
PX04	87	267	18.20	32.5	19.5	6.9	0.00	86.4	17.0	0.0	0.0	650	24-Sep
PX04	87	268	21.20	34.8	19.8	0.5	0.00	86.4	15.0	0.0	0.0	650	25-Sep
PX04	87	269	20.00	36.4	19.1	0.0	0.00	103.7	13.9	0.0	0.0	650	26-Sep
PX04	87	270	20.40	37.9	19.7	0.0	0.00	77.8	12.6	0.0	0.0	650	27-Sep
PX04	87	271	19.40	38.4	19.7	0.0	0.00	103.7	11.8	0.0	0.0	650	28-Sep
PX04	87	272	20.50	39.0	20.4	0.0	0.00	190.1	9.4	0.0	0.0	650	29-Sep
PX04	87	273	20.80	36.7	19.1	0.0	0.00	129.6	9.9	0.0	0.0	650	30-Sep
PX04	87	274	20.60	37.1	24.0	0.0	0.00	129.6	8.6	0.0	0.0	650	01-Oct
PX04	87	275	20.40	37.8	19.2	0.0	0.00	181.4	9.5	0.0	0.0	650	02-Oct
PX04	87	276	20.20	38.1	18.4	0.0	0.00	112.3	4.5	0.0	0.0	650	03-Oct
PX04	87	277	19.90	38.2	17.6	0.0	0.00	60.5	5.4	0.0	0.0	650	04-Oct
PX04	87	278	19.60	40.2	19.1	0.0	0.00	69.1	4.8	0.0	0.0	650	05-Oct
PX04	87	279	23.50	40.2	17.4	0.0	0.00	77.1	3.6	0.0	0.0	650	06-Oct
PX04	87	280	17.50	40.0	16.9	0.0	0.00	95.0	4.3	0.0	0.0	650	07-Oct
PX04	87	281	19.10	39.4	17.0	0.0	0.00	129.6	6.5	0.0	0.0	650	08-Oct
PX04	87	282	18.30	37.4	18.9	0.0	0.00	138.2	9.9	0.0	0.0	650	09-Oct
PX04	87	283	19.00	36.9	18.9	0.0	0.00	121.0	10.7	0.0	0.0	650	10-Oct

FILENAME: PX130407.W87

WEATHER DATA FOR CO2=650, IRR=WET, NIT--, REP=#2

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC    ↓    CO2YR WINDYR  
 PX13 33.40 112.00 2.30 0 1 1 0 1 650 0.0

	IYR	SOLRAD	XTMIN	XPAR	DEWPT	STMIN	A00						
<u>INSTW</u>	<u>JUL</u>	<u>XTMAX</u>	<u>XRAIN</u>	<u>WIND</u>	<u>STMAX</u>	<u>CO2</u>							
PX13	87	92	29.63	33.1	8.8	0.0	0.00	88.4	3.9	0.0	0.0	350	02-Apr
PX13	87	93	26.89	31.5	11.4	0.0	0.00	169.1	4.8	0.0	0.0	350	03-Apr
PX13	87	94	23.16	22.4	7.5	0.2	0.00	117.7	4.5	0.0	0.0	350	04-Apr
PX13	87	95	29.12	25.1	4.3	0.0	0.00	84.7	5.1	0.0	0.0	350	05-Apr
PX13	87	96	24.28	28.3	8.8	0.0	0.00	81.0	4.3	0.0	0.0	350	06-Apr
PX13	87	97	28.30	31.0	10.8	0.0	0.00	128.8	4.6	0.0	0.0	350	07-Apr
PX13	87	98	27.72	30.4	10.8	0.0	0.00	70.0	5.1	0.0	0.0	350	08-Apr
PX13	87	99	28.73	33.1	12.7	0.0	0.00	97.5	5.8	0.0	0.0	350	09-Apr
PX13	87	100	29.32	34.7	14.0	0.0	0.00	93.9	6.5	0.0	0.0	350	10-Apr
PX13	87	101	27.69	34.2	14.0	0.0	0.00	134.3	7.4	0.0	0.0	350	11-Apr
PX13	87	102	28.20	31.5	14.7	0.0	0.00	136.1	8.0	0.0	0.0	350	12-Apr
PX13	87	103	29.62	29.9	11.4	0.0	0.00	90.2	7.5	0.0	0.0	350	13-Apr
PX13	87	104	29.89	35.2	10.1	0.0	0.00	99.4	8.1	0.0	0.0	350	14-Apr
PX13	87	105	27.78	37.4	12.7	0.0	0.00	84.7	7.8	0.0	0.0	650	15-Apr
PX13	87	106	26.30	37.9	14.0	0.0	0.00	112.2	7.3	0.0	0.0	650	16-Apr
PX13	87	107	29.33	37.9	14.7	0.0	0.00	121.4	5.3	0.0	0.0	650	17-Apr
PX13	87	108	24.32	34.7	15.3	0.0	0.00	119.6	7.3	0.0	0.0	650	18-Apr
PX13	87	109	24.30	29.4	14.0	0.0	0.00	139.8	7.1	0.0	0.0	650	19-Apr
PX13	87	110	29.16	31.0	8.8	0.0	0.00	108.6	8.0	0.0	0.0	650	20-Apr
PX13	87	111	29.45	34.7	10.8	0.0	0.00	147.6	8.9	0.0	0.0	650	21-Apr
PX13	87	112	29.41	33.1	16.0	0.0	0.00	167.3	9.3	0.0	0.0	650	22-Apr
PX13	87	113	29.85	35.8	17.3	0.0	0.00	108.6	7.7	0.0	0.0	650	23-Apr
PX13	87	114	28.10	36.8	15.7	0.0	0.00	121.0	8.0	0.0	0.0	650	24-Apr
PX13	87	115	28.10	36.9	20.3	0.0	0.00	172.8	7.8	0.0	0.0	650	25-Apr
PX13	87	116	28.10	38.3	20.9	0.0	0.00	155.5	9.5	0.0	0.0	650	26-Apr
PX13	87	117	22.30	35.7	22.0	0.0	0.00	224.6	11.8	0.0	0.0	650	27-Apr
PX13	87	118	28.00	36.6	20.1	0.0	0.00	224.6	12.0	0.0	0.0	650	28-Apr
PX13	87	119	22.40	37.0	22.1	0.0	0.00	164.2	10.0	0.0	0.0	650	29-Apr
PX13	87	120	24.00	34.7	20.3	0.3	0.00	164.2	9.0	0.0	0.0	650	30-Apr
PX13	87	121	29.10	32.1	13.6	0.0	0.00	155.5	6.1	0.0	0.0	650	01-May
PX13	87	122	25.80	30.8	17.0	0.0	0.00	129.6	6.2	0.0	0.0	650	02-May
PX13	87	123	29.50	34.4	14.2	0.0	0.00	95.0	6.1	0.0	0.0	650	03-May
PX13	87	124	29.70	36.9	15.3	0.0	0.00	77.8	3.4	0.0	0.0	650	04-May
PX13	87	125	29.10	38.7	16.4	0.0	0.00	66.5	0.4	0.0	0.0	650	05-May
PX13	87	126	29.30	38.3	21.1	0.0	0.00	155.5	5.3	0.0	0.0	650	06-May
PX13	87	127	28.10	37.2	24.2	0.0	0.00	172.8	6.8	0.0	0.0	650	07-May
PX13	87	128	29.30	35.7	22.4	0.0	0.00	164.2	8.0	0.0	0.0	650	08-May
PX13	87	129	29.50	37.8	20.1	0.0	0.00	86.4	8.5	0.0	0.0	650	09-May
PX13	87	130	27.30	37.1	23.4	0.0	0.00	103.7	11.3	0.0	0.0	650	10-May
PX13	87	131	29.10	37.1	20.3	1.5	0.00	95.0	12.0	0.0	0.0	650	11-May
PX13	87	132	28.50	39.3	21.2	0.0	0.00	129.6	8.0	0.0	0.0	650	12-May
PX13	87	133	28.90	39.7	22.2	0.0	0.00	138.2	7.8	0.0	0.0	650	13-May
PX13	87	134	25.60	39.7	25.1	0.0	0.00	164.2	10.6	0.0	0.0	650	14-May
PX13	87	135	24.00	37.5	21.8	0.3	0.00	181.4	12.8	0.0	0.0	650	15-May
PX13	87	136	28.10	36.9	21.1	0.0	0.00	86.4	10.0	0.0	0.0	650	16-May
PX13	87	137	29.10	38.5	21.2	0.0	0.00	121.0	7.4	0.0	0.0	650	17-May

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX13	87	138	29.30	38.8	22.6	0.0	0.00	190.1	5.6	0.0	0.0	650	18-May
PX13	87	139	24.40	35.5	21.8	0.0	0.00	172.8	4.6	0.0	0.0	650	19-May
PX13	87	140	26.40	34.9	20.6	0.0	0.00	233.3	7.5	0.0	0.0	650	20-May
PX13	87	141	29.50	32.5	17.3	0.0	0.00	138.2	7.5	0.0	0.0	650	21-May
PX13	87	142	29.30	35.8	17.0	0.0	0.00	121.0	2.9	0.0	0.0	650	22-May
PX13	87	143	31.20	35.8	17.5	0.0	0.00	146.9	1.1	0.0	0.0	650	23-May
PX13	87	144	28.30	34.4	17.2	0.0	0.00	129.6	0.6	0.0	0.0	650	24-May
PX13	87	145	23.10	33.0	17.7	0.0	0.00	198.7	0.9	0.0	0.0	650	25-May
PX13	87	146	30.10	28.1	13.6	0.0	0.00	164.2	0.2	0.0	0.0	650	26-May
PX13	87	147	29.90	30.3	13.8	0.0	0.00	112.3	0.9	0.0	0.0	650	27-May
PX13	87	148	30.10	32.6	16.6	0.0	0.00	121.0	1.1	0.0	0.0	650	28-May
PX13	87	149	30.40	34.6	17.4	0.0	0.00	121.0	3.9	0.0	0.0	650	29-May
PX13	87	150	30.80	36.8	18.4	0.0	0.00	103.7	2.1	0.0	0.0	650	30-May
PX13	87	151	31.40	38.5	19.5	0.0	0.00	129.6	5.0	0.0	0.0	650	31-May
PX13	87	152	31.40	39.8	22.4	0.5	0.00	172.8	5.6	0.0	0.0	650	01-Jun
PX13	87	153	31.00	40.5	21.8	0.0	0.00	121.0	5.6	0.0	0.0	650	02-Jun
PX13	87	154	28.70	41.8	21.6	0.0	0.00	95.0	4.6	0.0	0.0	650	03-Jun
PX13	87	155	28.50	39.3	26.5	0.0	0.00	224.6	8.6	0.0	0.0	650	04-Jun
PX13	87	156	19.60	38.9	25.8	0.0	0.00	181.4	8.6	0.0	0.0	650	05-Jun
PX13	87	157	30.80	34.9	24.1	1.8	0.00	129.6	15.1	0.0	0.0	650	06-Jun
PX13	87	158	31.20	40.4	23.9	0.0	0.00	164.2	11.3	0.0	0.0	650	07-Jun
PX13	87	159	31.60	40.8	23.8	0.0	0.00	146.8	5.4	0.0	0.0	650	08-Jun
PX13	87	160	32.00	38.9	23.2	0.0	0.00	112.3	6.2	0.0	0.0	650	09-Jun
PX13	87	161	32.00	39.9	22.1	0.0	0.00	112.3	4.3	0.0	0.0	650	10-Jun
PX13	87	162	30.40	39.9	21.8	0.0	0.00	95.0	5.9	0.0	0.0	650	11-Jun
PX13	87	163	30.10	40.2	25.8	0.0	0.00	77.8	9.4	0.0	0.0	650	12-Jun
PX13	87	164	29.90	42.6	25.0	0.0	0.00	25.9	8.4	0.0	0.0	650	13-Jun
PX13	87	165	30.40	44.4	26.8	0.0	0.00	86.4	8.2	0.0	0.0	650	14-Jun
PX13	87	166	32.00	41.3	26.8	0.0	0.00	129.6	4.6	0.0	0.0	650	15-Jun
PX13	87	167	31.20	37.8	21.7	0.0	0.00	43.2	3.8	0.0	0.0	650	16-Jun
PX13	87	168	32.00	38.8	21.2	0.0	0.00	43.2	9.2	0.0	0.0	650	17-Jun
PX13	87	169	32.20	38.1	22.1	0.0	0.00	103.7	7.5	0.0	0.0	650	18-Jun
PX13	87	170	30.10	36.5	20.0	0.0	0.00	17.3	6.2	0.0	0.0	650	19-Jun
PX13	87	171	28.30	37.3	20.1	0.0	0.00	25.9	6.5	0.0	0.0	650	20-Jun
PX13	87	172	32.00	37.9	20.2	0.0	0.00	60.5	8.0	0.0	0.0	650	21-Jun
PX13	87	173	32.00	37.6	22.2	0.0	0.00	51.8	9.5	0.0	0.0	650	22-Jun
PX13	87	174	31.00	37.6	22.2	0.0	0.00	34.6	12.5	0.0	0.0	650	23-Jun
PX13	87	175	30.10	39.6	22.8	0.0	0.00	34.6	12.9	0.0	0.0	650	24-Jun
PX13	87	176	16.50	39.0	27.4	0.0	0.00	8.6	12.1	0.0	0.0	650	25-Jun
PX13	87	177	30.60	40.3	24.7	0.0	0.00	34.6	12.1	0.0	0.0	650	26-Jun
PX13	87	178	31.00	40.2	26.0	0.0	0.00	43.2	9.9	0.0	0.0	650	27-Jun
PX13	87	179	31.40	41.4	24.8	0.0	0.00	77.8	5.4	0.0	0.0	650	28-Jun
PX13	87	180	31.60	41.2	23.6	0.0	0.00	95.0	4.1	0.0	0.0	650	29-Jun
PX13	87	181	31.20	38.1	21.6	0.0	0.00	146.9	4.1	0.0	0.0	650	30-Jun
PX13	87	182	27.90	37.7	22.8	0.0	0.00	103.7	2.5	0.0	0.0	650	01-Jul
PX13	87	183	31.60	38.7	19.1	0.0	0.00	103.7	5.1	0.0	0.0	650	02-Jul
PX13	87	184	31.40	38.8	21.1	0.0	0.00	103.7	6.1	0.0	0.0	650	03-Jul
PX13	87	185	32.40	38.6	21.0	1.3	0.00	155.5	2.3	0.0	0.0	650	04-Jul
PX13	87	186	32.20	39.4	21.0	0.0	0.00	138.2	4.1	0.0	0.0	650	05-Jul
PX13	87	187	31.20	39.5	22.3	0.0	0.00	112.3	3.8	0.0	0.0	650	06-Jul
PX13	87	188	23.90	38.5	22.1	0.0	0.00	112.3	7.0	0.0	0.0	650	07-Jul
PX13	87	189	20.50	39.2	21.3	0.0	0.00	129.6	6.4	0.0	0.0	650	08-Jul

INSTW	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
	JUL		XTMAX		XRAIN		WIND		STMAX	CO2			
PX13	87	190	19.70	38.5	22.7	0.0	0.00	241.9	5.6	0.0	0.0	650	09-Jul
PX13	87	191	27.90	38.5	22.7	0.0	0.00	172.8	7.4	0.0	0.0	650	10-Jul
PX13	87	192	31.00	39.6	21.9	0.0	0.00	129.6	7.0	0.0	0.0	650	11-Jul
PX13	87	193	28.90	39.7	22.5	0.0	0.00	103.7	7.8	0.0	0.0	650	12-Jul
PX13	87	194	29.70	42.1	24.4	0.0	0.00	103.7	7.0	0.0	0.0	650	13-Jul
PX13	87	195	27.50	41.3	26.3	0.0	0.00	207.4	11.5	0.0	0.0	650	14-Jul
PX13	87	196	23.70	37.4	27.5	0.0	0.00	181.4	15.0	0.0	0.0	650	15-Jul
PX13	87	197	16.10	34.6	25.8	0.0	0.00	198.7	17.0	0.0	0.0	650	16-Jul
PX13	87	198	30.60	37.6	21.9	0.0	0.00	302.4	10.4	0.0	0.0	650	17-Jul
PX13	87	199	27.50	36.0	22.9	0.0	0.00	207.4	12.5	0.0	0.0	650	18-Jul
PX13	87	200	30.10	38.5	21.5	0.0	0.00	146.9	9.7	0.0	0.0	650	19-Jul
PX13	87	201	26.40	41.5	27.0	0.0	0.00	155.5	15.8	0.0	0.0	650	20-Jul
PX13	87	202	21.10	40.3	23.2	15.2	0.00	233.3	14.0	0.0	0.0	650	21-Jul
PX13	87	203	29.50	38.5	15.8	0.0	0.00	121.0	13.9	0.0	0.0	650	22-Jul
PX13	87	204	30.10	40.1	16.3	0.0	0.00	112.3	10.0	0.0	0.0	650	23-Jul
PX13	87	205	27.70	41.3	23.8	0.0	0.00	138.2	8.4	0.0	0.0	650	24-Jul
PX13	87	206	23.50	42.1	31.0	0.0	0.00	155.5	14.9	0.0	0.0	650	25-Jul
PX13	87	207	26.00	42.6	25.9	0.0	0.00	198.7	18.3	0.0	0.0	650	26-Jul
PX13	87	208	23.10	36.8	25.4	11.9	0.00	190.1	19.7	0.0	0.0	650	27-Jul
PX13	87	209	21.70	34.0	24.9	1.3	0.00	121.0	20.4	0.0	0.0	650	28-Jul
PX13	87	210	23.50	37.2	25.4	0.0	0.00	129.6	19.4	0.0	0.0	650	29-Jul
PX13	87	211	28.50	40.2	27.0	0.0	0.00	198.7	19.1	0.0	0.0	650	30-Jul
PX13	87	212	21.70	40.0	23.5	0.0	0.00	129.6	21.7	0.0	0.0	650	31-Jul
PX13	87	213	27.50	36.0	25.7	18.0	0.00	172.8	22.0	0.0	0.0	650	01-Aug
PX13	87	214	28.40	38.3	28.4	0.0	0.00	224.6	21.3	0.0	0.0	650	02-Aug
PX13	87	215	25.90	38.5	26.0	0.0	0.00	121.0	20.3	0.0	0.0	650	03-Aug
PX13	87	216	27.80	37.9	24.4	0.0	0.00	172.8	20.8	0.0	0.0	650	04-Aug
PX13	87	217	27.20	35.8	23.9	12.7	0.00	121.0	22.8	0.0	0.0	650	05-Aug
PX13	87	218	23.30	37.1	27.0	0.0	0.00	146.9	22.4	0.0	0.0	650	06-Aug
PX13	87	219	25.40	39.0	27.6	0.0	0.00	138.2	18.1	0.0	0.0	650	07-Aug
PX13	87	220	27.50	39.4	26.7	0.0	0.00	112.3	18.4	0.0	0.0	650	08-Aug
PX13	87	221	19.40	37.0	27.5	0.0	0.00	129.6	17.5	0.0	0.0	650	09-Aug
PX13	87	222	24.40	38.6	25.1	0.0	0.00	164.2	18.5	0.0	0.0	650	10-Aug
PX13	87	223	12.50	29.3	23.1	7.9	0.00	95.0	21.5	0.0	0.0	650	11-Aug
PX13	87	224	24.50	35.4	24.4	0.0	0.00	146.9	20.1	0.0	0.0	650	12-Aug
PX13	87	225	28.00	37.0	24.5	0.0	0.00	129.6	15.9	0.0	0.0	650	13-Aug
PX13	87	226	28.30	38.8	24.9	0.0	0.00	285.1	13.0	0.0	0.0	650	14-Aug
PX13	87	227	28.80	37.2	22.1	0.0	0.00	181.4	10.7	0.0	0.0	650	15-Aug
PX13	87	228	28.10	38.1	20.5	0.0	0.00	112.3	8.8	0.0	0.0	650	16-Aug
PX13	87	229	27.80	40.3	20.2	0.0	0.00	95.0	9.9	0.0	0.0	650	17-Aug
PX13	87	230	27.40	39.0	22.2	0.0	0.00	103.7	13.3	0.0	0.0	650	18-Aug
PX13	87	231	25.90	37.1	25.2	0.0	0.00	129.6	15.4	0.0	0.0	650	19-Aug
PX13	87	232	26.00	38.9	29.5	0.0	0.00	155.5	17.9	0.0	0.0	650	20-Aug
PX13	87	233	24.90	38.5	27.4	0.0	0.00	146.9	17.7	0.0	0.0	650	21-Aug
PX13	87	234	24.80	36.6	27.5	0.0	0.00	181.4	19.5	0.0	0.0	650	22-Aug
PX13	87	235	17.80	33.7	24.3	3.6	0.00	121.0	20.4	0.0	0.0	650	23-Aug
PX13	87	236	19.40	36.6	23.9	3.0	0.00	224.6	19.0	0.0	0.0	650	24-Aug
PX13	87	237	21.60	33.6	21.5	21.1	0.00	138.2	18.9	0.0	0.0	650	25-Aug
PX13	87	238	25.60	32.8	21.0	0.0	0.00	172.8	16.4	0.0	0.0	650	26-Aug
PX13	87	239	25.70	34.7	20.2	0.0	0.00	95.0	14.7	0.0	0.0	650	27-Aug
PX13	87	240	24.80	37.4	22.2	0.0	0.00	103.7	15.3	0.0	0.0	650	28-Aug
PX13	87	241	25.00	38.5	23.7	0.0	0.00	146.9	15.0	0.0	0.0	650	29-Aug

INSTW	IYR	SOLRAD		XTMIN		XPAR	WIND	DEWPT		STMIN		CO2	A00
	JUL		XTMAX		XRAIN				STMAX				
PX13	87	242	25.60	37.9	22.7	0.0	0.00	86.4	10.4	0.0	0.0	650	30-Aug
PX13	87	243	25.30	40.7	24.5	0.0	0.00	138.2	13.4	0.0	0.0	650	31-Aug
PX13	87	244	25.40	38.0	27.8	0.0	0.00	198.7	13.3	0.0	0.0	650	01-Sep
PX13	87	245	37.90	25.5	22.0	0.0	0.00	146.9	13.1	0.0	0.0	650	02-Sep
PX13	87	246	10.40	32.4	25.2	0.0	0.00	129.6	15.2	0.0	0.0	650	03-Sep
PX13	87	247	23.60	32.8	24.1	0.0	0.00	146.9	17.1	0.0	0.0	650	04-Sep
PX13	87	248	23.70	33.5	23.5	0.0	0.00	95.0	15.9	0.0	0.0	650	05-Sep
PX13	87	249	23.70	34.8	23.1	0.0	0.00	95.0	14.0	0.0	0.0	650	06-Sep
PX13	87	250	24.30	35.6	21.5	0.0	0.00	103.7	8.5	0.0	0.0	650	07-Sep
PX13	87	251	24.70	34.9	18.2	0.0	0.00	95.0	8.8	0.0	0.0	650	08-Sep
PX13	87	252	23.50	33.8	17.7	0.0	0.00	103.7	9.2	0.0	0.0	650	09-Sep
PX13	87	253	22.90	35.8	19.3	0.0	0.00	95.0	9.4	0.0	0.0	650	10-Sep
PX13	87	254	23.10	37.1	21.6	0.0	0.00	129.6	8.4	0.0	0.0	650	11-Sep
PX13	87	255	23.40	35.5	20.4	0.0	0.00	181.4	9.9	0.0	0.0	650	12-Sep
PX13	87	256	22.60	32.7	21.5	0.0	0.00	293.8	12.2	0.0	0.0	650	13-Sep
PX13	87	257	22.00	31.2	17.6	0.0	0.00	103.7	7.8	0.0	0.0	650	14-Sep
PX13	87	258	22.30	32.4	18.4	0.0	0.00	112.3	10.4	0.0	0.0	650	15-Sep
PX13	87	259	18.50	33.3	19.2	0.0	0.00	103.7	11.6	0.0	0.0	650	16-Sep
PX13	87	260	15.10	32.9	19.7	0.0	0.00	164.2	9.7	0.0	0.0	650	17-Sep
PX13	87	261	21.50	33.2	19.2	0.0	0.00	112.3	11.9	0.0	0.0	650	18-Sep
PX13	87	262	21.50	35.3	21.0	0.0	0.00	112.3	10.0	0.0	0.0	650	19-Sep
PX13	87	263	21.60	36.3	20.4	0.0	0.00	129.6	9.0	0.0	0.0	650	20-Sep
PX13	87	264	17.40	35.2	21.9	0.0	0.00	164.2	14.0	0.0	0.0	650	21-Sep
PX13	87	265	15.00	35.9	20.5	0.0	0.00	164.2	15.2	0.0	0.0	650	22-Sep
PX13	87	266	15.10	31.8	18.9	9.7	0.00	103.7	17.4	0.0	0.0	650	23-Sep
PX13	87	267	18.20	33.4	19.8	6.9	0.00	86.4	15.8	0.0	0.0	650	24-Sep
PX13	87	268	21.20	35.2	19.2	0.5	0.00	86.4	14.3	0.0	0.0	650	25-Sep
PX13	87	269	20.00	36.5	20.2	0.0	0.00	103.7	13.7	0.0	0.0	650	26-Sep
PX13	87	270	20.40	37.9	20.6	0.0	0.00	77.8	12.7	0.0	0.0	650	27-Sep
PX13	87	271	19.40	37.8	20.2	0.0	0.00	103.7	11.8	0.0	0.0	650	28-Sep
PX13	87	272	20.50	38.8	21.5	0.0	0.00	190.1	9.3	0.0	0.0	650	29-Sep
PX13	87	273	20.80	36.6	19.8	0.0	0.00	129.6	9.2	0.0	0.0	650	30-Sep
PX13	87	274	20.60	36.7	24.9	0.0	0.00	129.6	7.3	0.0	0.0	650	01-Oct
PX13	87	275	20.40	38.0	20.6	0.0	0.00	181.4	8.6	0.0	0.0	650	02-Oct
PX13	87	276	20.20	37.9	19.7	0.0	0.00	112.3	1.7	0.0	0.0	650	03-Oct
PX13	87	277	19.90	38.5	18.8	0.0	0.00	60.5	3.8	0.0	0.0	650	04-Oct
PX13	87	278	19.60	39.6	20.7	0.0	0.00	69.1	3.2	0.0	0.0	650	05-Oct
PX13	87	279	23.50	40.2	18.7	0.0	0.00	77.1	2.1	0.0	0.0	650	06-Oct
PX13	87	280	17.50	39.8	17.7	0.0	0.00	95.0	3.0	0.0	0.0	650	07-Oct
PX13	87	281	19.10	39.3	18.1	0.0	0.00	129.6	6.4	0.0	0.0	650	08-Oct
PX13	87	282	18.30	37.5	19.6	0.0	0.00	138.2	10.0	0.0	0.0	650	09-Oct
PX13	87	283	19.00	36.8	19.6	0.0	0.00	121.0	10.7	0.0	0.0	650	10-Oct

FILENAME: PX010407.W87

WEATHER DATA FOR CO2=650, IRR=WET, NIT=+, REP=#1

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC      ↓      CO2YR WINDYR  
 PX01 33.40 112.00 2.30 0 1 1 0 1 650 0.0

	IYR	SOLRAD	XTMIN	XPAR	DEWPT	STMIN	A00
<u>INSTW</u>	<u>JUL</u>	<u>XTMAX</u>	<u>XRAIN</u>	<u>WIND</u>	<u>STMAX</u>	<u>CO2</u>	
PX01	87	92	29.63	33.1	8.8	0.0	02-Apr
PX01	87	93	26.89	31.5	11.4	0.0	03-Apr
PX01	87	94	23.16	22.4	7.5	0.2	04-Apr
PX01	87	95	29.12	25.1	4.3	0.0	05-Apr
PX01	87	96	24.28	28.3	8.8	0.0	06-Apr
PX01	87	97	28.30	31.0	10.8	0.0	07-Apr
PX01	87	98	27.72	30.4	10.8	0.0	08-Apr
PX01	87	99	28.73	33.1	12.7	0.0	09-Apr
PX01	87	100	29.32	34.7	14.0	0.0	10-Apr
PX01	87	101	27.69	34.2	14.0	0.0	11-Apr
PX01	87	102	28.20	31.5	14.7	0.0	12-Apr
PX01	87	103	29.62	29.9	11.4	0.0	13-Apr
PX01	87	104	29.89	35.2	10.1	0.0	14-Apr
PX01	87	105	27.78	37.4	12.7	0.0	15-Apr
PX01	87	106	26.30	37.9	14.0	0.0	16-Apr
PX01	87	107	29.33	37.9	14.7	0.0	17-Apr
PX01	87	108	24.32	34.7	15.3	0.0	18-Apr
PX01	87	109	24.30	29.4	14.0	0.0	19-Apr
PX01	87	110	29.16	31.0	8.8	0.0	20-Apr
PX01	87	111	29.45	34.7	10.8	0.0	21-Apr
PX01	87	112	29.41	33.1	16.0	0.0	22-Apr
PX01	87	113	29.85	35.8	17.3	0.0	23-Apr
PX01	87	114	29.24	35.8	15.9	0.0	24-Apr
PX01	87	115	28.54	36.6	20.1	0.0	25-Apr
PX01	87	116	28.10	37.9	20.7	0.0	26-Apr
PX01	87	117	22.30	35.7	21.6	0.0	27-Apr
PX01	87	118	28.00	37.1	19.5	0.0	28-Apr
PX01	87	119	22.40	35.6	21.5	0.0	29-Apr
PX01	87	120	24.00	33.7	20.3	0.3	30-Apr
PX01	87	121	29.10	30.9	13.6	0.0	01-May
PX01	87	122	25.80	30.0	16.7	0.0	02-May
PX01	87	123	29.50	33.8	14.2	0.0	03-May
PX01	87	124	29.70	35.4	14.5	0.0	04-May
PX01	87	125	29.10	37.9	15.6	0.0	05-May
PX01	87	126	29.30	38.3	20.3	0.0	06-May
PX01	87	127	28.10	36.5	23.6	0.0	07-May
PX01	87	128	29.30	35.2	21.8	0.0	08-May
PX01	87	129	29.50	37.9	18.7	0.0	09-May
PX01	87	130	27.30	37.4	22.7	0.0	10-May
PX01	87	131	29.10	36.6	19.4	1.5	11-May
PX01	87	132	28.50	39.4	19.9	0.0	12-May
PX01	87	133	28.90	39.3	20.9	0.0	13-May
PX01	87	134	25.60	39.6	24.3	0.0	14-May
PX01	87	135	24.00	37.9	21.3	0.3	15-May
PX01	87	136	28.10	36.8	20.1	0.0	16-May
PX01	87	137	29.10	39.1	20.1	0.0	17-May

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX01	87	138	29.30	38.5	22.0	0.0	0.00	190.1	12.2	0.0	0.0	650	18-May
PX01	87	139	24.40	35.4	21.4	0.0	0.00	172.8	5.4	0.0	0.0	650	19-May
PX01	87	140	26.40	35.0	20.0	0.0	0.00	233.3	8.4	0.0	0.0	650	20-May
PX01	87	141	29.50	31.9	16.2	0.0	0.00	138.2	8.6	0.0	0.0	650	21-May
PX01	87	142	29.30	36.7	15.8	0.0	0.00	121.0	4.3	0.0	0.0	650	22-May
PX01	87	143	31.20	35.1	16.0	0.0	0.00	146.9	0.2	0.0	0.0	650	23-May
PX01	87	144	28.30	34.9	16.4	0.0	0.00	129.6	0.9	0.0	0.0	650	24-May
PX01	87	145	23.10	32.0	17.0	0.0	0.00	198.7	2.7	0.0	0.0	650	25-May
PX01	87	146	30.10	27.1	13.1	0.0	0.00	164.2	1.9	0.0	0.0	650	26-May
PX01	87	147	29.90	30.4	12.1	0.0	0.00	112.3	2.7	0.0	0.0	650	27-May
PX01	87	148	30.10	33.2	15.8	0.0	0.00	121.0	5.3	0.0	0.0	650	28-May
PX01	87	149	30.40	35.4	15.6	0.0	0.00	121.0	7.7	0.0	0.0	650	29-May
PX01	87	150	30.80	37.8	16.9	0.0	0.00	103.7	5.8	0.0	0.0	650	30-May
PX01	87	151	31.40	39.0	18.1	0.0	0.00	129.6	7.5	0.0	0.0	650	31-May
PX01	87	152	31.40	40.3	21.4	0.5	0.00	172.8	7.4	0.0	0.0	650	01-Jun
PX01	87	153	31.00	40.8	20.8	0.0	0.00	121.0	9.8	0.0	0.0	650	02-Jun
PX01	87	154	28.70	43.1	20.4	0.0	0.00	95.0	8.9	0.0	0.0	650	03-Jun
PX01	87	155	28.50	40.3	25.8	0.0	0.00	224.6	11.1	0.0	0.0	650	04-Jun
PX01	87	156	19.60	39.7	24.4	0.0	0.00	181.4	10.9	0.0	0.0	650	05-Jun
PX01	87	157	30.80	35.4	23.1	1.8	0.00	129.6	16.4	0.0	0.0	650	06-Jun
PX01	87	158	31.20	41.5	23.0	0.0	0.00	164.2	12.8	0.0	0.0	650	07-Jun
PX01	87	159	31.60	42.1	22.5	0.0	0.00	146.8	9.7	0.0	0.0	650	08-Jun
PX01	87	160	32.00	40.3	22.3	0.0	0.00	112.3	9.9	0.0	0.0	650	09-Jun
PX01	87	161	32.00	41.3	20.6	0.0	0.00	112.3	6.5	0.0	0.0	650	10-Jun
PX01	87	162	30.40	40.9	20.6	0.0	0.00	95.0	8.4	0.0	0.0	650	11-Jun
PX01	87	163	30.10	41.4	25.0	0.0	0.00	77.8	12.2	0.0	0.0	650	12-Jun
PX01	87	164	29.90	44.0	24.1	0.0	0.00	25.9	11.4	0.0	0.0	650	13-Jun
PX01	87	165	30.40	45.9	26.0	0.0	0.00	86.4	12.0	0.0	0.0	650	14-Jun
PX01	87	166	32.00	42.1	25.8	0.0	0.00	129.6	8.9	0.0	0.0	650	15-Jun
PX01	87	167	31.20	39.2	20.7	0.0	0.00	43.2	7.4	0.0	0.0	650	16-Jun
PX01	87	168	32.00	40.4	19.7	0.0	0.00	43.2	8.1	0.0	0.0	650	17-Jun
PX01	87	169	32.20	38.8	20.5	0.0	0.00	103.7	5.4	0.0	0.0	650	18-Jun
PX01	87	170	30.10	37.4	18.2	0.0	0.00	17.3	6.4	0.0	0.0	650	19-Jun
PX01	87	171	28.30	36.0	17.8	0.0	0.00	25.9	8.1	0.0	0.0	650	20-Jun
PX01	87	172	32.00	38.2	18.0	0.0	0.00	60.5	8.0	0.0	0.0	650	21-Jun
PX01	87	173	32.00	38.1	20.4	0.0	0.00	51.8	9.0	0.0	0.0	650	22-Jun
PX01	87	174	31.00	37.8	20.6	0.0	0.00	34.6	12.5	0.0	0.0	650	23-Jun
PX01	87	175	30.10	38.3	21.5	0.0	0.00	34.6	14.0	0.0	0.0	650	24-Jun
PX01	87	176	16.50	38.0	22.8	0.0	0.00	8.6	13.0	0.0	0.0	650	25-Jun
PX01	87	177	30.60	40.9	24.1	0.0	0.00	34.6	13.2	0.0	0.0	650	26-Jun
PX01	87	178	31.00	40.8	25.1	0.0	0.00	43.2	11.1	0.0	0.0	650	27-Jun
PX01	87	179	31.40	40.5	23.9	0.0	0.00	77.8	8.2	0.0	0.0	650	28-Jun
PX01	87	180	31.60	39.9	22.8	0.0	0.00	95.0	6.7	0.0	0.0	650	29-Jun
PX01	87	181	31.20	39.1	19.5	0.0	0.00	146.9	6.1	0.0	0.0	650	30-Jun
PX01	87	182	27.90	37.3	20.7	0.0	0.00	103.7	5.1	0.0	0.0	650	01-Jul
PX01	87	183	31.60	38.5	17.1	0.0	0.00	103.7	6.8	0.0	0.0	650	02-Jul
PX01	87	184	31.40	39.1	19.0	0.0	0.00	103.7	7.4	0.0	0.0	650	03-Jul
PX01	87	185	32.40	38.6	19.4	1.3	0.00	155.5	5.4	0.0	0.0	650	04-Jul
PX01	87	186	32.20	39.7	18.8	0.0	0.00	138.2	6.1	0.0	0.0	650	05-Jul
PX01	87	187	31.20	40.0	20.4	0.0	0.00	112.3	5.6	0.0	0.0	650	06-Jul
PX01	87	188	23.90	39.1	20.4	0.0	0.00	112.3	8.6	0.0	0.0	650	07-Jul
PX01	87	189	20.50	39.7	21.0	0.0	0.00	129.6	8.9	0.0	0.0	650	08-Jul



	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX01	87	190	19.70	40.2	21.5	0.0	0.00	241.9	8.5	0.0	0.0	650	09-Jul
PX01	87	191	27.90	38.6	22.0	0.0	0.00	172.8	9.7	0.0	0.0	650	10-Jul
PX01	87	192	31.00	39.1	21.8	0.0	0.00	129.6	8.8	0.0	0.0	650	11-Jul
PX01	87	193	28.90	39.7	21.5	0.0	0.00	103.7	9.4	0.0	0.0	650	12-Jul
PX01	87	194	29.70	42.4	22.9	0.0	0.00	103.7	9.5	0.0	0.0	650	13-Jul
PX01	87	195	27.50	41.9	25.0	0.0	0.00	207.4	12.8	0.0	0.0	650	14-Jul
PX01	87	196	23.70	36.8	26.3	0.0	0.00	181.4	16.4	0.0	0.0	650	15-Jul
PX01	87	197	16.10	34.6	25.2	0.0	0.00	198.7	17.8	0.0	0.0	650	16-Jul
PX01	87	198	30.60	38.0	20.9	0.0	0.00	302.4	11.5	0.0	0.0	650	17-Jul
PX01	87	199	27.50	36.4	22.1	0.0	0.00	207.4	13.4	0.0	0.0	650	18-Jul
PX01	87	200	30.10	39.3	21.2	0.0	0.00	146.9	10.5	0.0	0.0	650	19-Jul
PX01	87	201	26.40	42.2	26.5	0.0	0.00	155.5	16.4	0.0	0.0	650	20-Jul
PX01	87	202	21.10	41.5	21.3	15.2	0.00	233.3	15.0	0.0	0.0	650	21-Jul
PX01	87	203	29.50	37.9	17.3	0.0	0.00	121.0	10.5	0.0	0.0	650	22-Jul
PX01	87	204	30.10	40.2	18.9	0.0	0.00	112.3	8.6	0.0	0.0	650	23-Jul
PX01	87	205	27.70	41.0	21.5	0.0	0.00	138.2	9.5	0.0	0.0	650	24-Jul
PX01	87	206	23.50	42.3	29.9	0.0	0.00	155.5	15.0	0.0	0.0	650	25-Jul
PX01	87	207	26.00	43.4	25.7	0.0	0.00	198.7	18.4	0.0	0.0	650	26-Jul
PX01	87	208	23.10	36.9	24.9	11.9	0.00	190.1	20.2	0.0	0.0	650	27-Jul
PX01	87	209	21.70	35.0	24.5	1.3	0.00	121.0	20.7	0.0	0.0	650	28-Jul
PX01	87	210	23.50	36.9	24.4	0.0	0.00	129.6	19.7	0.0	0.0	650	29-Jul
PX01	87	211	28.50	39.0	25.7	0.0	0.00	198.7	18.9	0.0	0.0	650	30-Jul
PX01	87	212	21.70	39.5	23.5	0.0	0.00	129.6	20.1	0.0	0.0	650	31-Jul
PX01	87	213	27.50	36.5	25.8	18.0	0.00	172.8	22.4	0.0	0.0	650	01-Aug
PX01	87	214	28.40	38.8	28.2	0.0	0.00	224.6	21.7	0.0	0.0	650	02-Aug
PX01	87	215	25.90	39.2	26.0	0.0	0.00	121.0	20.6	0.0	0.0	650	03-Aug
PX01	87	216	27.80	39.4	24.3	0.0	0.00	172.8	21.1	0.0	0.0	650	04-Aug
PX01	87	217	27.20	36.3	24.2	12.7	0.00	121.0	23.1	0.0	0.0	650	05-Aug
PX01	87	218	23.30	37.2	27.0	0.0	0.00	146.9	23.2	0.0	0.0	650	06-Aug
PX01	87	219	25.40	40.2	27.1	0.0	0.00	138.2	19.1	0.0	0.0	650	07-Aug
PX01	87	220	27.50	40.4	25.7	0.0	0.00	112.3	18.2	0.0	0.0	650	08-Aug
PX01	87	221	19.40	37.9	26.7	0.0	0.00	129.6	19.0	0.0	0.0	650	09-Aug
PX01	87	222	24.40	40.2	25.0	0.0	0.00	164.2	20.2	0.0	0.0	650	10-Aug
PX01	87	223	12.50	30.2	23.1	7.9	0.00	95.0	22.2	0.0	0.0	650	11-Aug
PX01	87	224	27.30	36.6	24.0	0.0	0.00	146.9	21.5	0.0	0.0	650	12-Aug
PX01	87	225	28.00	37.6	23.8	0.0	0.00	129.6	18.0	0.0	0.0	650	13-Aug
PX01	87	226	28.30	38.6	23.9	0.0	0.00	285.1	14.8	0.0	0.0	650	14-Aug
PX01	87	227	28.80	37.8	20.9	0.0	0.00	181.4	12.1	0.0	0.0	650	15-Aug
PX01	87	228	28.10	39.4	19.5	0.0	0.00	112.3	9.9	0.0	0.0	650	16-Aug
PX01	87	229	27.80	40.7	19.2	0.0	0.00	95.0	13.6	0.0	0.0	650	17-Aug
PX01	87	230	27.40	41.0	21.2	0.0	0.00	103.7	17.4	0.0	0.0	650	18-Aug
PX01	87	231	25.90	38.6	24.4	0.0	0.00	129.6	16.2	0.0	0.0	650	19-Aug
PX01	87	232	26.00	40.4	28.6	0.0	0.00	155.5	18.7	0.0	0.0	650	20-Aug
PX01	87	233	24.90	39.6	26.4	0.0	0.00	146.9	18.2	0.0	0.0	650	21-Aug
PX01	87	234	24.80	37.7	27.4	0.0	0.00	181.4	19.9	0.0	0.0	650	22-Aug
PX01	87	235	17.80	34.6	24.4	3.6	0.00	121.0	20.7	0.0	0.0	650	23-Aug
PX01	87	236	19.40	37.0	24.0	3.0	0.00	224.6	19.5	0.0	0.0	650	24-Aug
PX01	87	237	21.60	35.4	21.7	21.1	0.00	138.2	19.2	0.0	0.0	650	25-Aug
PX01	87	238	25.60	34.0	21.0	0.0	0.00	172.8	16.9	0.0	0.0	650	26-Aug
PX01	87	239	25.70	35.1	19.6	0.0	0.00	95.0	15.5	0.0	0.0	650	27-Aug
PX01	87	240	24.80	38.0	21.7	0.0	0.00	103.7	16.7	0.0	0.0	650	28-Aug
PX01	87	241	25.00	39.4	22.9	0.0	0.00	146.9	14.7	0.0	0.0	650	29-Aug

INSTW	IYR	SOLRAD		XTMIN		XPAR	WIND	DEWPT	STMIN		CO2	A00	
	JUL		XTMAX		XRAIN				STMAX				
PX01	87	242	25.60	38.4	21.5	0.0	0.00	86.4	15.0	0.0	0.0	650	30-Aug
PX01	87	243	25.30	40.8	23.4	0.0	0.00	138.2	12.9	0.0	0.0	650	31-Aug
PX01	87	244	25.40	39.0	27.5	0.0	0.00	198.7	14.5	0.0	0.0	650	01-Sep
PX01	87	245	25.80	37.7	25.0	0.0	0.00	146.9	14.5	0.0	0.0	650	02-Sep
PX01	87	246	10.40	32.3	24.5	0.0	0.00	129.6	16.4	0.0	0.0	650	03-Sep
PX01	87	247	23.60	33.4	23.4	0.0	0.00	146.9	18.1	0.0	0.0	650	04-Sep
PX01	87	248	23.70	34.1	22.6	0.0	0.00	95.0	16.9	0.0	0.0	650	05-Sep
PX01	87	249	23.70	35.6	22.0	0.0	0.00	95.0	15.0	0.0	0.0	650	06-Sep
PX01	87	250	24.30	36.6	20.4	0.0	0.00	103.7	9.8	0.0	0.0	650	07-Sep
PX01	87	251	24.70	36.4	17.3	0.0	0.00	95.0	10.0	0.0	0.0	650	08-Sep
PX01	87	252	23.50	34.3	16.3	0.0	0.00	103.7	10.0	0.0	0.0	650	09-Sep
PX01	87	253	22.90	36.9	17.2	0.0	0.00	95.0	11.4	0.0	0.0	650	10-Sep
PX01	87	254	23.10	37.4	20.6	0.0	0.00	129.6	8.4	0.0	0.0	650	11-Sep
PX01	87	255	23.40	36.8	18.6	0.0	0.00	181.4	9.2	0.0	0.0	650	12-Sep
PX01	87	256	22.60	33.0	20.2	0.0	0.00	293.8	10.7	0.0	0.0	650	13-Sep
PX01	87	257	22.00	32.5	16.0	0.0	0.00	103.7	8.5	0.0	0.0	650	14-Sep
PX01	87	258	22.30	33.6	16.9	0.0	0.00	112.3	11.3	0.0	0.0	650	15-Sep
PX01	87	259	18.50	33.3	17.5	0.0	0.00	103.7	12.0	0.0	0.0	650	16-Sep
PX01	87	260	15.10	32.6	17.5	0.0	0.00	164.2	11.5	0.0	0.0	650	17-Sep
PX01	87	261	21.50	33.4	17.9	0.0	0.00	112.3	13.2	0.0	0.0	650	18-Sep
PX01	87	262	21.50	35.6	19.6	0.0	0.00	112.3	11.6	0.0	0.0	650	19-Sep
PX01	87	263	21.60	36.7	19.1	0.0	0.00	129.6	11.0	0.0	0.0	650	20-Sep
PX01	87	264	17.40	36.3	20.9	0.0	0.00	164.2	14.5	0.0	0.0	650	21-Sep
PX01	87	265	15.00	35.9	18.5	0.0	0.00	164.2	15.9	0.0	0.0	650	22-Sep
PX01	87	266	15.10	31.5	18.4	9.7	0.00	103.7	17.8	0.0	0.0	650	23-Sep
PX01	87	267	18.20	31.8	19.1	6.9	0.00	86.4	17.7	0.0	0.0	650	24-Sep
PX01	87	268	21.20	34.1	19.4	0.5	0.00	86.4	16.2	0.0	0.0	650	25-Sep
PX01	87	269	20.00	35.4	18.9	0.0	0.00	103.7	15.1	0.0	0.0	650	26-Sep
PX01	87	270	20.40	36.9	19.3	0.0	0.00	77.8	13.9	0.0	0.0	650	27-Sep
PX01	87	271	19.40	37.4	19.4	0.0	0.00	103.7	13.1	0.0	0.0	650	28-Sep
PX01	87	272	20.50	37.6	19.9	0.0	0.00	190.1	11.3	0.0	0.0	650	29-Sep
PX01	87	273	20.80	36.3	18.1	0.0	0.00	129.6	10.1	0.0	0.0	650	30-Sep
PX01	87	274	20.60	36.5	23.6	0.0	0.00	129.6	8.0	0.0	0.0	650	01-Oct
PX01	87	275	20.40	37.8	18.6	0.0	0.00	181.4	8.8	0.0	0.0	650	02-Oct
PX01	87	276	20.20	37.8	17.9	0.0	0.00	112.3	2.7	0.0	0.0	650	03-Oct
PX01	87	277	19.90	38.4	17.2	0.0	0.00	60.5	4.8	0.0	0.0	650	04-Oct
PX01	87	278	19.60	39.8	18.9	0.0	0.00	69.1	4.1	0.0	0.0	650	05-Oct
PX01	87	279	23.50	40.1	16.9	0.0	0.00	77.1	2.5	0.0	0.0	650	06-Oct
PX01	87	280	17.50	39.7	16.5	0.0	0.00	95.0	2.9	0.0	0.0	650	07-Oct
PX01	87	281	19.10	40.4	16.8	0.0	0.00	129.6	5.1	0.0	0.0	650	08-Oct
PX01	87	282	18.30	38.8	18.8	0.0	0.00	138.2	9.0	0.0	0.0	650	09-Oct
PX01	87	283	19.00	38.5	18.7	0.0	0.00	121.0	9.7	0.0	0.0	650	10-Oct

FILENAME: PX140407.W87

WEATHER DATA FOR CO2=650, IRR=WET, NIT=+, REP=#2

options (for PAR, WIND, DEWPT, STDAT & CO2)

INSTW XLAT XLONG PARFAC      ↓      CO2YR WINDYR  
 PX14 33.40 112.00 2.30 0 1 1 0 1 650 0.0

	IYR	SOLRAD	XTMIN		XPAR		DEWPT	STMIN		A00	
<u>INSTW</u>	<u>JUL</u>	<u>XTMAX</u>	<u>XRAIN</u>	<u>WIND</u>	<u>STMAX</u>	<u>CO2</u>					
PX14 87 92	29.63	33.1	8.8	0.0	0.00	88.4	3.9	0.0	0.0	350	02-Apr
PX14 87 93	26.89	31.5	11.4	0.0	0.00	169.1	4.8	0.0	0.0	350	03-Apr
PX14 87 94	23.16	22.4	7.5	0.2	0.00	117.7	4.5	0.0	0.0	350	04-Apr
PX14 87 95	29.12	25.1	4.3	0.0	0.00	84.7	5.1	0.0	0.0	350	05-Apr
PX14 87 96	24.28	28.3	8.8	0.0	0.00	81.0	4.3	0.0	0.0	350	06-Apr
PX14 87 97	28.30	31.0	10.8	0.0	0.00	128.8	4.6	0.0	0.0	350	07-Apr
PX14 87 98	27.72	30.4	10.8	0.0	0.00	70.0	5.1	0.0	0.0	350	08-Apr
PX14 87 99	28.73	33.1	12.7	0.0	0.00	97.5	5.8	0.0	0.0	350	09-Apr
PX14 87 100	29.32	34.7	14.0	0.0	0.00	93.9	6.5	0.0	0.0	350	10-Apr
PX14 87 101	27.69	34.2	14.0	0.0	0.00	134.3	7.4	0.0	0.0	350	11-Apr
PX14 87 102	28.20	31.5	14.7	0.0	0.00	136.1	8.0	0.0	0.0	350	12-Apr
PX14 87 103	29.62	29.9	11.4	0.0	0.00	90.2	7.5	0.0	0.0	350	13-Apr
PX14 87 104	29.89	35.2	10.1	0.0	0.00	99.4	8.1	0.0	0.0	350	14-Apr
PX14 87 105	27.78	37.4	12.7	0.0	0.00	84.7	7.8	0.0	0.0	650	15-Apr
PX14 87 106	26.30	37.9	14.0	0.0	0.00	112.2	7.3	0.0	0.0	650	16-Apr
PX14 87 107	29.33	37.9	14.7	0.0	0.00	121.4	5.3	0.0	0.0	650	17-Apr
PX14 87 108	24.32	34.7	15.3	0.0	0.00	119.6	7.3	0.0	0.0	650	18-Apr
PX14 87 109	24.30	29.4	14.0	0.0	0.00	139.8	7.1	0.0	0.0	650	19-Apr
PX14 87 110	29.16	31.0	8.8	0.0	0.00	108.6	8.0	0.0	0.0	650	20-Apr
PX14 87 111	29.45	34.7	10.8	0.0	0.00	147.6	8.9	0.0	0.0	650	21-Apr
PX14 87 112	29.41	33.1	16.0	0.0	0.00	167.3	9.3	0.0	0.0	650	22-Apr
PX14 87 113	29.85	35.8	17.3	0.0	0.00	108.6	7.7	0.0	0.0	650	23-Apr
PX14 87 114	28.10	35.6	16.0	0.0	0.00	121.0	7.5	0.0	0.0	650	24-Apr
PX14 87 115	28.10	36.2	20.2	0.0	0.00	172.8	8.5	0.0	0.0	650	25-Apr
PX14 87 116	28.10	37.9	20.6	0.0	0.00	155.5	6.7	0.0	0.0	650	26-Apr
PX14 87 117	22.30	35.5	21.7	0.0	0.00	224.6	8.2	0.0	0.0	650	27-Apr
PX14 87 118	28.00	36.4	19.9	0.0	0.00	224.6	7.8	0.0	0.0	650	28-Apr
PX14 87 119	22.40	37.0	22.0	0.0	0.00	164.2	9.3	0.0	0.0	650	29-Apr
PX14 87 120	24.00	34.4	20.5	0.3	0.00	164.2	7.8	0.0	0.0	650	30-Apr
PX14 87 121	29.10	31.8	13.7	0.0	0.00	155.5	6.5	0.0	0.0	650	01-May
PX14 87 122	25.80	30.7	17.1	0.0	0.00	129.6	7.3	0.0	0.0	650	02-May
PX14 87 123	29.50	34.2	14.1	0.0	0.00	95.0	6.1	0.0	0.0	650	03-May
PX14 87 124	29.70	36.4	15.2	0.0	0.00	77.8	8.1	0.0	0.0	650	04-May
PX14 87 125	29.10	38.3	16.6	0.0	0.00	66.5	6.7	0.0	0.0	650	05-May
PX14 87 126	29.30	37.9	21.0	0.0	0.00	155.5	8.2	0.0	0.0	650	06-May
PX14 87 127	28.10	37.3	24.2	0.0	0.00	172.8	12.6	0.0	0.0	650	07-May
PX14 87 128	29.30	36.3	22.1	0.0	0.00	164.2	11.1	0.0	0.0	650	08-May
PX14 87 129	29.50	38.4	19.8	0.0	0.00	86.4	8.0	0.0	0.0	650	09-May
PX14 87 130	27.30	38.1	23.2	0.0	0.00	103.7	10.9	0.0	0.0	650	10-May
PX14 87 131	29.10	37.8	20.2	1.5	0.00	95.0	11.5	0.0	0.0	650	11-May
PX14 87 132	28.50	40.0	21.0	0.0	0.00	129.6	7.3	0.0	0.0	650	12-May
PX14 87 133	28.90	40.6	22.1	0.0	0.00	138.2	8.5	0.0	0.0	650	13-May
PX14 87 134	25.60	40.6	25.0	0.0	0.00	164.2	11.6	0.0	0.0	650	14-May
PX14 87 135	24.00	38.3	21.7	0.3	0.00	181.4	13.5	0.0	0.0	650	15-May
PX14 87 136	28.10	37.5	21.0	0.0	0.00	86.4	11.0	0.0	0.0	650	16-May
PX14 87 137	29.10	39.0	20.9	0.0	0.00	121.0	8.6	0.0	0.0	650	17-May

	YR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX14	87	138	29.30	38.9	22.4	0.0	0.00	190.1	7.0	0.0	0.0	650	18-May
PX14	87	139	24.40	35.8	21.7	0.0	0.00	172.8	6.1	0.0	0.0	650	19-May
PX14	87	140	26.40	34.9	20.4	0.0	0.00	233.3	8.4	0.0	0.0	650	20-May
PX14	87	141	29.50	32.7	17.2	0.0	0.00	138.2	8.2	0.0	0.0	650	21-May
PX14	87	142	29.30	36.0	16.8	0.0	0.00	121.0	3.6	0.0	0.0	650	22-May
PX14	87	143	31.20	36.0	17.4	0.0	0.00	146.9	-0.5	0.0	0.0	650	23-May
PX14	87	144	28.30	34.9	17.1	0.0	0.00	129.6	0.4	0.0	0.0	650	24-May
PX14	87	145	23.10	33.4	17.6	0.0	0.00	198.7	1.9	0.0	0.0	650	25-May
PX14	87	146	30.10	28.8	13.4	0.0	0.00	164.2	1.1	0.0	0.0	650	26-May
PX14	87	147	29.90	30.7	13.5	0.0	0.00	112.3	1.9	0.0	0.0	650	27-May
PX14	87	148	30.10	33.4	16.5	0.0	0.00	121.0	2.5	0.0	0.0	650	28-May
PX14	87	149	30.40	35.2	17.3	0.0	0.00	121.0	5.1	0.0	0.0	650	29-May
PX14	87	150	30.80	37.5	18.1	0.0	0.00	103.7	3.9	0.0	0.0	650	30-May
PX14	87	151	31.40	39.2	19.3	0.0	0.00	129.6	4.5	0.0	0.0	650	31-May
PX14	87	152	31.40	40.6	22.0	0.5	0.00	172.8	5.1	0.0	0.0	650	01-Jun
PX14	87	153	31.00	41.3	21.7	0.0	0.00	121.0	7.4	0.0	0.0	650	02-Jun
PX14	87	154	28.70	42.7	21.4	0.0	0.00	95.0	6.8	0.0	0.0	650	03-Jun
PX14	87	155	28.50	39.7	26.6	0.0	0.00	224.6	10.4	0.0	0.0	650	04-Jun
PX14	87	156	19.60	39.3	25.6	0.0	0.00	181.4	10.5	0.0	0.0	650	05-Jun
PX14	87	157	30.80	35.4	23.9	1.8	0.00	129.6	16.0	0.0	0.0	650	06-Jun
PX14	87	158	31.20	41.0	23.9	0.0	0.00	164.2	13.0	0.0	0.0	650	07-Jun
PX14	87	159	31.60	41.3	23.5	0.0	0.00	146.8	9.4	0.0	0.0	650	08-Jun
PX14	87	160	32.00	39.8	23.1	0.0	0.00	112.3	11.4	0.0	0.0	650	09-Jun
PX14	87	161	32.00	40.8	22.1	0.0	0.00	112.3	7.8	0.0	0.0	650	10-Jun
PX14	87	162	30.40	40.8	21.6	0.0	0.00	95.0	6.5	0.0	0.0	650	11-Jun
PX14	87	163	30.10	41.0	25.7	0.0	0.00	77.8	9.9	0.0	0.0	650	12-Jun
PX14	87	164	29.90	43.7	24.9	0.0	0.00	25.9	8.8	0.0	0.0	650	13-Jun
PX14	87	165	30.40	45.4	26.7	0.0	0.00	86.4	8.6	0.0	0.0	650	14-Jun
PX14	87	166	32.00	42.5	26.6	0.0	0.00	129.6	5.0	0.0	0.0	650	15-Jun
PX14	87	167	31.20	39.1	21.4	0.0	0.00	43.2	3.6	0.0	0.0	650	16-Jun
PX14	87	168	32.00	39.8	21.1	0.0	0.00	43.2	5.3	0.0	0.0	650	17-Jun
PX14	87	169	32.20	39.0	21.7	0.0	0.00	103.7	4.1	0.0	0.0	650	18-Jun
PX14	87	170	30.10	37.1	19.5	0.0	0.00	17.3	5.1	0.0	0.0	650	19-Jun
PX14	87	171	28.30	37.3	19.6	0.0	0.00	25.9	5.9	0.0	0.0	650	20-Jun
PX14	87	172	32.00	38.0	19.4	0.0	0.00	60.5	6.4	0.0	0.0	650	21-Jun
PX14	87	173	32.00	37.8	21.5	0.0	0.00	51.8	7.8	0.0	0.0	650	22-Jun
PX14	87	174	31.00	38.0	21.9	0.0	0.00	34.6	10.9	0.0	0.0	650	23-Jun
PX14	87	175	30.10	38.4	23.0	0.0	0.00	34.6	12.9	0.0	0.0	650	24-Jun
PX14	87	176	16.50	38.1	24.2	0.0	0.00	8.6	14.3	0.0	0.0	650	25-Jun
PX14	87	177	30.60	40.7	24.0	0.0	0.00	34.6	14.0	0.0	0.0	650	26-Jun
PX14	87	178	31.00	40.2	24.9	0.0	0.00	43.2	12.4	0.0	0.0	650	27-Jun
PX14	87	179	31.40	40.8	24.7	0.0	0.00	77.8	5.4	0.0	0.0	650	28-Jun
PX14	87	180	31.60	39.3	23.6	0.0	0.00	95.0	4.5	0.0	0.0	650	29-Jun
PX14	87	181	31.20	39.6	21.4	0.0	0.00	146.9	4.3	0.0	0.0	650	30-Jun
PX14	87	182	27.90	37.3	22.6	0.0	0.00	103.7	4.3	0.0	0.0	650	01-Jul
PX14	87	183	31.60	38.1	18.9	0.0	0.00	103.7	6.8	0.0	0.0	650	02-Jul
PX14	87	184	31.40	38.1	20.7	0.0	0.00	103.7	8.0	0.0	0.0	650	03-Jul
PX14	87	185	32.40	38.5	20.8	1.3	0.00	155.5	6.2	0.0	0.0	650	04-Jul
PX14	87	186	32.20	39.2	20.7	0.0	0.00	138.2	6.4	0.0	0.0	650	05-Jul
PX14	87	187	31.20	39.9	22.1	0.0	0.00	112.3	6.2	0.0	0.0	650	06-Jul
PX14	87	188	23.90	39.0	21.8	0.0	0.00	112.3	9.4	0.0	0.0	650	07-Jul
PX14	87	189	20.50	39.4	21.9	0.0	0.00	129.6	9.3	0.0	0.0	650	08-Jul

	IYR	SOLRAD		XTMIN		XPAR		DEWPT		STMIN		A00	
INSTW	JUL		XTMAX		XRAIN		WIND		STMAX		CO2		
PX14	87	190	19.70	39.7	21.9	0.0	0.00	241.9	9.2	0.0	0.0	650	09-Jul
PX14	87	191	27.90	38.9	22.1	0.0	0.00	172.8	10.4	0.0	0.0	650	10-Jul
PX14	87	192	31.00	39.8	21.6	0.0	0.00	129.6	9.8	0.0	0.0	650	11-Jul
PX14	87	193	28.90	40.6	22.5	0.0	0.00	103.7	10.4	0.0	0.0	650	12-Jul
PX14	87	194	29.70	43.1	24.0	0.0	0.00	103.7	8.4	0.0	0.0	650	13-Jul
PX14	87	195	27.50	41.9	25.9	0.0	0.00	207.4	12.0	0.0	0.0	650	14-Jul
PX14	87	196	23.70	38.2	27.4	0.0	0.00	181.4	16.7	0.0	0.0	650	15-Jul
PX14	87	197	16.10	35.2	25.0	0.0	0.00	198.7	10.9	0.0	0.0	650	16-Jul
PX14	87	198	30.60	38.0	21.5	0.0	0.00	302.4	13.0	0.0	0.0	650	17-Jul
PX14	87	199	27.50	36.8	22.7	0.0	0.00	207.4	13.0	0.0	0.0	650	18-Jul
PX14	87	200	30.10	39.2	21.2	0.0	0.00	146.9	9.7	0.0	0.0	650	19-Jul
PX14	87	201	26.40	41.8	27.0	0.0	0.00	155.5	15.8	0.0	0.0	650	20-Jul
PX14	87	202	21.10	41.3	23.4	15.2	0.00	233.3	14.0	0.0	0.0	650	21-Jul
PX14	87	203	29.50	38.9	18.6	0.0	0.00	121.0	8.4	0.0	0.0	650	22-Jul
PX14	87	204	30.10	40.7	20.0	0.0	0.00	112.3	7.0	0.0	0.0	650	23-Jul
PX14	87	205	27.70	42.0	23.4	0.0	0.00	138.2	8.4	0.0	0.0	650	24-Jul
PX14	87	206	23.50	43.3	30.5	0.0	0.00	155.5	15.0	0.0	0.0	650	25-Jul
PX14	87	207	26.00	43.9	25.8	0.0	0.00	198.7	9.7	0.0	0.0	650	26-Jul
PX14	87	208	23.10	37.9	25.2	11.9	0.00	190.1	7.0	0.0	0.0	650	27-Jul
PX14	87	209	21.70	35.7	24.7	1.3	0.00	121.0	20.4	0.0	0.0	650	28-Jul
PX14	87	210	23.50	38.3	25.4	0.0	0.00	129.6	19.0	0.0	0.0	650	29-Jul
PX14	87	211	28.50	38.8	26.5	0.0	0.00	198.7	19.0	0.0	0.0	650	30-Jul
PX14	87	212	21.70	38.9	23.3	0.0	0.00	129.6	21.1	0.0	0.0	650	31-Jul
PX14	87	213	27.50	36.6	25.3	18.0	0.00	172.8	21.7	0.0	0.0	650	01-Aug
PX14	87	214	28.40	39.1	28.3	0.0	0.00	224.6	21.1	0.0	0.0	650	02-Aug
PX14	87	215	25.90	39.0	26.2	0.0	0.00	121.0	20.4	0.0	0.0	650	03-Aug
PX14	87	216	27.80	39.3	24.2	0.0	0.00	172.8	20.4	0.0	0.0	650	04-Aug
PX14	87	217	27.20	36.2	24.2	12.7	0.00	121.0	22.3	0.0	0.0	650	05-Aug
PX14	87	218	23.30	37.2	26.9	0.0	0.00	146.9	22.3	0.0	0.0	650	06-Aug
PX14	87	219	25.40	39.8	27.6	0.0	0.00	138.2	18.3	0.0	0.0	650	07-Aug
PX14	87	220	27.50	40.4	26.2	0.0	0.00	112.3	16.7	0.0	0.0	650	08-Aug
PX14	87	221	19.40	38.1	27.2	0.0	0.00	129.6	17.5	0.0	0.0	650	09-Aug
PX14	87	222	24.40	39.8	24.9	0.0	0.00	164.2	18.3	0.0	0.0	650	10-Aug
PX14	87	223	12.50	30.1	23.0	7.9	0.00	95.0	21.7	0.0	0.0	650	11-Aug
PX14	87	224	27.30	37.0	24.2	0.0	0.00	146.9	19.7	0.0	0.0	650	12-Aug
PX14	87	225	28.00	38.5	24.2	0.0	0.00	129.6	15.8	0.0	0.0	650	13-Aug
PX14	87	226	28.30	38.5	24.7	0.0	0.00	285.1	13.0	0.0	0.0	650	14-Aug
PX14	87	227	28.80	38.0	22.0	0.0	0.00	181.4	10.9	0.0	0.0	650	15-Aug
PX14	87	228	28.10	38.9	20.4	0.0	0.00	112.3	8.4	0.0	0.0	650	16-Aug
PX14	87	229	27.80	40.5	20.1	0.0	0.00	95.0	9.7	0.0	0.0	650	17-Aug
PX14	87	230	27.40	41.2	21.9	0.0	0.00	103.7	12.0	0.0	0.0	650	18-Aug
PX14	87	231	25.90	38.3	25.4	0.0	0.00	129.6	15.0	0.0	0.0	650	19-Aug
PX14	87	232	26.00	39.8	29.1	0.0	0.00	155.5	17.5	0.0	0.0	650	20-Aug
PX14	87	233	24.90	39.4	26.9	0.0	0.00	146.9	17.5	0.0	0.0	650	21-Aug
PX14	87	234	24.80	37.6	27.4	0.0	0.00	181.4	19.0	0.0	0.0	650	22-Aug
PX14	87	235	17.80	33.6	23.8	3.6	0.00	121.0	19.7	0.0	0.0	650	23-Aug
PX14	87	236	19.40	36.7	23.9	3.0	0.00	224.6	19.0	0.0	0.0	650	24-Aug
PX14	87	237	21.60	34.1	21.3	21.1	0.00	138.2	19.0	0.0	0.0	650	25-Aug
PX14	87	238	25.60	33.5	20.9	0.0	0.00	172.8	15.8	0.0	0.0	650	26-Aug
PX14	87	239	25.70	34.8	20.1	0.0	0.00	95.0	15.0	0.0	0.0	650	27-Aug
PX14	87	240	24.80	37.3	21.9	0.0	0.00	103.7	14.0	0.0	0.0	650	28-Aug
PX14	87	241	25.00	39.0	23.3	0.0	0.00	146.9	14.0	0.0	0.0	650	29-Aug

INSTW	IYR	SOLRAD		XTMIN		XRAIN	XPAR	DEWPT		STMIN		CO2	A00
	JUL		XTMAX		WIND		STMAX						
PX14	87	242	25.60	38.7	22.3	0.0	0.00	86.4	14.0	0.0	0.0	650	30-Aug
PX14	87	243	25.30	40.9	23.9	0.0	0.00	138.2	12.0	0.0	0.0	650	31-Aug
PX14	87	244	25.40	38.8	27.7	0.0	0.00	198.7	13.0	0.0	0.0	650	01-Sep
PX14	87	245	25.80	37.7	24.5	0.0	0.00	146.9	12.0	0.0	0.0	650	02-Sep
PX14	87	246	10.40	32.6	24.9	0.0	0.00	129.6	15.8	0.0	0.0	650	03-Sep
PX14	87	247	23.60	33.6	23.9	0.0	0.00	146.9	17.5	0.0	0.0	650	04-Sep
PX14	87	248	23.70	34.6	23.2	0.0	0.00	95.0	16.7	0.0	0.0	650	05-Sep
PX14	87	249	23.70	36.0	22.6	0.0	0.00	95.0	15.8	0.0	0.0	650	06-Sep
PX14	87	250	24.30	37.0	20.9	0.0	0.00	103.7	12.0	0.0	0.0	650	07-Sep
PX14	87	251	24.70	36.3	18.0	0.0	0.00	95.0	9.7	0.0	0.0	650	08-Sep
PX14	87	252	23.50	36.1	17.9	0.0	0.00	103.7	8.4	0.0	0.0	650	09-Sep
PX14	87	253	22.90	37.1	19.2	0.0	0.00	95.0	8.4	0.0	0.0	650	10-Sep
PX14	87	254	23.10	37.7	20.6	0.0	0.00	129.6	8.4	0.0	0.0	650	11-Sep
PX14	87	255	23.40	36.4	20.0	0.0	0.00	181.4	8.4	0.0	0.0	650	12-Sep
PX14	87	256	22.60	33.3	21.4	0.0	0.00	293.8	9.7	0.0	0.0	650	13-Sep
PX14	87	257	22.00	32.2	17.5	0.0	0.00	103.7	8.4	0.0	0.0	650	14-Sep
PX14	87	258	22.30	33.8	18.2	0.0	0.00	112.3	10.9	0.0	0.0	650	15-Sep
PX14	87	259	18.50	34.0	19.4	0.0	0.00	103.7	10.9	0.0	0.0	650	16-Sep
PX14	87	260	15.10	32.9	19.5	0.0	0.00	164.2	9.7	0.0	0.0	650	17-Sep
PX14	87	261	21.50	33.8	19.2	0.0	0.00	112.3	12.0	0.0	0.0	650	18-Sep
PX14	87	262	21.50	36.1	20.5	0.0	0.00	112.3	9.7	0.0	0.0	650	19-Sep
PX14	87	263	21.60	37.2	20.1	0.0	0.00	129.6	9.7	0.0	0.0	650	20-Sep
PX14	87	264	17.40	35.9	21.6	0.0	0.00	164.2	14.0	0.0	0.0	650	21-Sep
PX14	87	265	15.00	36.5	20.4	0.0	0.00	164.2	15.0	0.0	0.0	650	22-Sep
PX14	87	266	15.10	32.4	18.8	9.7	0.00	103.7	16.7	0.0	0.0	650	23-Sep
PX14	87	267	18.20	34.0	19.6	6.9	0.00	86.4	15.0	0.0	0.0	650	24-Sep
PX14	87	268	21.20	35.2	19.0	0.5	0.00	86.4	15.0	0.0	0.0	650	25-Sep
PX14	87	269	20.00	36.3	19.8	0.0	0.00	103.7	14.0	0.0	0.0	650	26-Sep
PX14	87	270	20.40	37.8	20.1	0.0	0.00	77.8	13.0	0.0	0.0	650	27-Sep
PX14	87	271	19.40	38.0	19.8	0.0	0.00	103.7	12.0	0.0	0.0	650	28-Sep
PX14	87	272	20.50	39.4	21.3	0.0	0.00	190.1	9.7	0.0	0.0	650	29-Sep
PX14	87	273	20.80	36.9	19.8	0.0	0.00	129.6	9.7	0.0	0.0	650	30-Sep
PX14	87	274	20.60	37.4	24.2	0.0	0.00	129.6	7.0	0.0	0.0	650	01-Oct
PX14	87	275	20.40	38.7	20.2	0.0	0.00	181.4	8.4	0.0	0.0	650	02-Oct
PX14	87	276	20.20	37.6	19.1	0.0	0.00	112.3	1.9	0.0	0.0	650	03-Oct
PX14	87	277	19.90	38.4	18.0	0.0	0.00	60.5	3.8	0.0	0.0	650	04-Oct
PX14	87	278	19.60	39.7	19.9	0.0	0.00	69.1	3.8	0.0	0.0	650	05-Oct
PX14	87	279	23.50	40.3	18.2	0.0	0.00	77.1	1.9	0.0	0.0	650	06-Oct
PX14	87	280	17.50	39.5	17.5	0.0	0.00	95.0	1.9	0.0	0.0	650	07-Oct
PX14	87	281	19.10	39.2	17.7	0.0	0.00	129.6	5.4	0.0	0.0	650	08-Oct
PX14	87	282	18.30	37.8	19.4	0.0	0.00	138.2	9.7	0.0	0.0	650	09-Oct
PX14	87	283	19.00	37.0	19.5	0.0	0.00	121.0	9.7	0.0	0.0	650	10-Oct

FILENAME: AVONDALE\_CT2

SOIL PROFILE PROPERTIES FOR AVONDALE LOAM  
(ALL PLOTS EXCEPT LYSIMETERS & GRAVEL LAYER)

IDUMSL	PEDON	TAXON									
01	-9	AVONDALE LOAM (FINE-LOAMY, MIXED (CALCAREOUS), HYPERTHERMIC.									
SALB	U	SWCON	CN2	TAV	AMP	DMOD	SWCON1	SWCON2	SWCON3	RWUMX	PHFAC3
0.14	12.00	0.32	80.00	21.8	22.2	1.0	2.67E-03	58.0	6.68	0.03	1.00

DLAYR	LL	DUL	SAT	DSW	WR	BD	OC	DNH4	DNO3	DPH
5.	0.152	0.272	0.370	0.272	1.000	1.45	0.45	0.0	20.0	7.7
5.	0.153	0.272	0.360	0.272	0.861	1.50	0.45	0.0	20.0	7.7
10.	0.159	0.279	0.360	0.279	0.741	1.52	0.45	0.0	20.0	7.7
10.	0.164	0.285	0.365	0.285	0.607	1.51	0.45	0.0	16.0	7.7
20.	0.164	0.288	0.369	0.288	0.449	1.50	0.30	0.0	13.0	8.0
20.	0.163	0.289	0.372	0.289	0.301	1.48	0.20	0.0	10.0	8.0
30.	0.159	0.285	0.371	0.285	0.183	1.48	0.10	0.0	10.0	8.0
30.	0.172	0.298	0.379	0.298	0.100	1.47	0.00	0.0	10.0	8.0
30.	0.189	0.316	0.390	0.316	0.055	1.46	0.00	0.0	10.0	8.0
30.	0.189	0.316	0.390	0.316	0.030	1.46	0.00	0.0	10.0	8.0

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ROCK	SILT		SCOND		CATEXC	ALPHA	XN	VGTHS	VGTHR
	SAND	CLAY							
0.0	34.6	43.9	21.5	20.0	287.0	3.380	1.184	0.384	0.043
0.0	34.6	43.9	21.5	15.0	287.0	3.380	1.184	0.371	0.042
0.0	31.4	45.9	22.8	10.0	305.0	3.380	1.184	0.366	0.041
0.0	28.1	47.9	24.0	7.0	321.0	3.380	1.184	0.369	0.041
0.0	27.4	47.7	24.9	7.2	333.0	3.380	1.184	0.371	0.042
0.0	29.1	45.7	25.3	7.3	338.0	3.380	1.184	0.376	0.042
0.0	34.4	40.6	25.1	7.3	335.0	3.380	1.184	0.376	0.042
0.0	36.2	35.1	28.8	7.3	385.0	3.380	1.184	0.379	0.042
0.0	29.4	37.5	33.0	7.3	441.0	3.380	1.184	0.381	0.043
0.0	29.4	37.5	33.0	7.3	441.0	3.380	1.184	0.381	0.043

DATAID

AVONDALE LOAM (FINE-LOAMY, MIXED (CALCAREOUS), HYPERTHERMIC.

LYRSOL

1

DIFFO	THETA0	BETA	GLAYR	THETAS	FC	THETAR	AIRDR	ETA	GBD	PSIBUB
0.18E-08	0.145	34.0	0.19E+03	0.45	0.26	0.23	0.03	2.90	1.49	1.00
0.18E-08	0.145	34.0		0.45	0.26	0.23	0.03	2.90	1.49	1.00
0.18E-08	0.145	34.0		0.45	0.26	0.23	0.03	2.90	1.49	1.00

TD	THETA1	BDSLOP	BDRATO	PSISFC
47	0.240	0.00	1.00	33.0

SNAME  
Norfolk silt loam

NCURVE  
7

INRIM GH2OC  
6 0.05

TSTBD TSTIMP  
0.9 0.1  
1.1 5.4  
1.3 16.2  
1.5 36.0  
1.7 62.0  
1.9 93.0

INRIM GH2OC  
6 0.07

TSTBD TSTIMP  
0.9 0.1  
1.1 2.5  
1.3 7.8  
1.5 22.6  
1.7 44.5  
1.9 71.3

INRIM GH2OC  
6 0.09

TSTBD TSTIMP  
0.9 0.1  
1.1 1.0  
1.3 2.3  
1.5 12.8  
1.7 30.4  
1.9 52.6

INRIM GH2OC  
6 0.11

TSTBD TSTIMP  
0.9 0.1  
1.1 0.9  
1.3 1.7  
1.5 7.5  
1.7 21.5  
1.9 31.2



INRIM GH2OC  
6      0.13

TSTBD   TSTIMP  
0.9      0.1  
1.1      0.5  
1.3      1.0  
1.5      5.6  
1.7      15.2  
1.9      29.8

INRIM GH2OC  
6      0.15

TSTBD   TSTIMP  
0.9      0.1  
1.1      0.2  
1.3      0.5  
1.5      4.9  
1.7      13.9  
1.9      27.7

INRIM GH2OC  
6      0.30

TSTBD   TSTIMP  
0.9      0.1  
1.1      0.2  
1.3      0.5  
1.5      0.9  
1.7      1.1  
1.9      1.3

FILENAME: AVONGRAV.CT2

SOIL PROFILE PROPERTIES FOR AVONDALE LOAM  
WITH GRAVEL LAYER (PLOTS 13-16)

IDUMSL	PEDON	TAXON									
01	-9	AVONDALE LOAM WITH GRAVEL FROM 100-130 CM DEEP.									
SALB	U	SWCON	CN2	TAV	AMP	DMOD	SWCON1	SWCON2	SWCON3	RWUMX	PHFAC3
0.14	12.00	0.32	80.00	21.8	22.2	1.0	2.67E-03	58.0	6.68	0.03	1.00

DLAYR	LL	DUL	SAT	DSW	WR	BD	OC	DNH4	DNO3	DPH
5.	0.152	0.272	0.370	0.272	1.000	1.45	0.45	0.0	20.0	7.7
5.	0.153	0.272	0.360	0.272	0.861	1.50	0.45	0.0	20.0	7.7
10.	0.159	0.279	0.360	0.279	0.741	1.52	0.45	0.0	20.0	7.7
10.	0.164	0.285	0.365	0.285	0.607	1.51	0.45	0.0	16.0	7.7
20.	0.164	0.288	0.369	0.288	0.449	1.50	0.30	0.0	13.0	8.0
20.	0.163	0.289	0.372	0.289	0.301	1.48	0.20	0.0	10.0	8.0
30.	0.159	0.285	0.371	0.285	0.183	1.48	0.10	0.0	10.0	8.0
30.	0.086	0.149	0.190	0.149	0.050	2.10	0.00	0.0	5.0	8.0
30.	0.189	0.316	0.390	0.316	0.055	1.46	0.00	0.0	10.0	8.0
30.	0.189	0.316	0.390	0.316	0.030	1.46	0.00	0.0	10.0	8.0

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ROCK	SILT		SCOND								
	SAND	CLAY	CATEXC	ALPHA	XN	VGTHS	VGTHR				
0.0	34.6	43.9	21.5	20.0	287.0	3.380	1.184	0.384	0.043		
0.0	34.6	43.9	21.5	15.0	287.0	3.380	1.184	0.371	0.042		
0.0	31.4	45.9	22.8	10.0	305.0	3.380	1.184	0.366	0.041		
0.0	28.1	47.9	24.0	7.0	321.0	3.380	1.184	0.369	0.041		
0.0	27.4	47.7	24.9	7.2	333.0	3.380	1.184	0.371	0.042		
0.0	29.1	45.7	25.3	7.3	338.0	3.380	1.184	0.376	0.042		
0.0	34.4	40.6	25.1	7.3	335.0	3.380	1.184	0.376	0.042		
50.0	18.1	17.6	14.4	3.7	193.0	3.380	1.184	0.190	0.021		
0.0	29.4	37.5	33.0	7.3	441.0	3.380	1.184	0.381	0.043		
0.0	29.4	37.5	33.0	7.3	441.0	3.380	1.184	0.381	0.043		

DATAID

AVONDALE LOAM WITH GRAVEL FROM 100-130 CM DEEP.

LYRSOL

3

DIFF0	THETA0	BETA	GLAYR	THETAS	FC	THETAR	AIRDR	ETA	GBD	PSIBUB
0.18E-08	0.145	34.0	0.10E+03	0.45	0.26	0.23	0.03	2.90	1.49	1.00
0.09E-08	0.072	34.0	0.30E+02	0.22	0.13	0.11	0.015	2.90	2.10	1.00
0.18E-08	0.145	34.0	0.60E+02	0.45	0.26	0.23	0.03	2.90	1.49	1.00
0.18E-08	0.145	34.0		0.45	0.26	0.23	0.03	2.90	1.49	1.00
0.18E-08	0.145	34.0		0.45	0.26	0.23	0.03	2.90	1.49	1.00

TD	THETA1	BDSLOP	BDRATO	PSISFC
47	0.240	0.00	1.00	33.0

SNAME  
Norfolk silt loam

NCURVE  
7

INRIM GH2OC  
6 0.05

<u>TSTBD</u>	<u>TSTIMP</u>
0.9	0.1
1.1	5.4
1.3	16.2
1.5	36.0
1.7	62.0
1.9	93.0

INRIM GH2OC  
6 0.07

<u>TSTBD</u>	<u>TSTIMP</u>
0.9	0.1
1.1	2.5
1.3	7.8
1.5	22.6
1.7	44.5
1.9	71.3

INRIM GH2OC  
6 0.09

<u>TSTBD</u>	<u>TSTIMP</u>
0.9	0.1
1.1	1.0
1.3	2.3
1.5	12.8
1.7	30.4
1.9	52.6

INRIM GH2OC  
6 0.11

<u>TSTBD</u>	<u>TSTIMP</u>
0.9	0.1
1.1	0.9
1.3	1.7
1.5	7.5
1.7	21.5
1.9	31.2

INRIM GH2OC  
6      0.13

TSTBD    TSTIMP  
0.9      0.1  
1.1      0.5  
1.3      1.0  
1.5      5.6  
1.7      15.2  
1.9      29.8

INRIM GH2OC  
6      0.15

TSTBD    TSTIMP  
0.9      0.1  
1.1      0.2  
1.3      0.5  
1.5      4.9  
1.7      13.9  
1.9      27.7

INRIM GH2OC  
6      0.30

TSTBD    TSTIMP  
0.9      0.1  
1.1      0.2  
1.3      0.5  
1.5      0.9  
1.7      1.1  
1.9      1.3

FILENAME: PX078701.CT4 SOIL ORGANIC RESIDUE (ALL PLOTS)

<u>ID</u>	<u>TRTNO</u>	<u>STRAW</u>	<u>SDEP</u>	<u>SCN</u>	<u>ROOT</u>
PX078701	01	240.	20.	20.	480.

FILENAME: PX078701.CT5 INITIAL SOIL PROFILE CONDITIONS FOR AVONDALE  
(AMBIENT, DRY, N-, REP #1)

TRTNO ID  
01 PX078701

<u>DLAYR</u>	<u>SW</u>	<u>NH4</u>	<u>NO3</u>	<u>PH</u>
5.	0.150	0.0	8.6	7.7
5.	0.160	0.0	8.6	7.7
10.	0.170	0.0	7.4	7.7
10.	0.180	0.0	6.1	7.7
20.	0.200	0.0	3.4	8.0
20.	0.200	0.0	3.4	8.0
30.	0.200	0.0	3.4	8.0
30.	0.210	0.0	3.4	8.0
30.	0.220	0.0	3.4	8.0
30.	0.230	0.0	3.4	8.0

-1.

FILENAME: PX098701.CT5 INITIAL SOIL PROFILE CONDITIONS FOR AVONDALE  
(AMBIENT, DRY, N-, REP #2)

TRTNO ID  
01 PX098701

<u>DLAYR</u>	<u>SW</u>	<u>NH4</u>	<u>NO3</u>	<u>PH</u>
5.	0.150	0.0	5.4	7.7
5.	0.160	0.0	5.4	7.7
10.	0.170	0.0	4.6	7.7
10.	0.180	0.0	3.8	7.7
20.	0.200	0.0	2.9	8.0
20.	0.200	0.0	2.9	8.0
30.	0.200	0.0	2.9	8.0
30.	0.210	0.0	2.9	8.0
30.	0.220	0.0	2.9	8.0
30.	0.230	0.0	2.9	8.0

-1.

FILENAME: PX088701.CT5

INITIAL SOIL PROFILE CONDITIONS FOR AVONDALE  
(AMBIENT, DRY, N+, REP #1)

TRTNO ID  
01 PX088701

<u>DLAYR</u>	<u>SW</u>	<u>NH4</u>	<u>NO3</u>	<u>PH</u>
5.	0.150	0.0	5.2	7.7
5.	0.160	0.0	5.2	7.7
10.	0.170	0.0	5.4	7.7
10.	0.180	0.0	5.6	7.7
20.	0.200	0.0	5.4	8.0
20.	0.200	0.0	5.4	8.0
30.	0.200	0.0	5.4	8.0
30.	0.210	0.0	5.4	8.0
30.	0.220	0.0	5.4	8.0
30.	0.230	0.0	5.4	8.0

-1.

FILENAME: PX108701.CT5

INITIAL SOIL PROFILE CONDITIONS FOR AVONDALE  
(AMBIENT, DRY, N+, REP #2)

TRTNO ID  
01 PX108701

<u>DLAYR</u>	<u>SW</u>	<u>NH4</u>	<u>NO3</u>	<u>PH</u>
5.	0.150	0.0	2.7	7.7
5.	0.160	0.0	2.7	7.7
10.	0.170	0.0	2.8	7.7
10.	0.180	0.0	2.9	7.7
20.	0.200	0.0	2.0	8.0
20.	0.200	0.0	2.0	8.0
30.	0.200	0.0	2.0	8.0
30.	0.210	0.0	2.0	8.0
30.	0.220	0.0	2.0	8.0
30.	0.230	0.0	2.0	8.0

-1.

FILENAME: PX028701.CT5

INITIAL SOIL PROFILE CONDITIONS FOR AVONDALE  
(AMBIENT, WET, N-, REP #1)

TRTNO ID  
01 PX028701

<u>DLAYR</u>	<u>SW</u>	<u>NH4</u>	<u>NO3</u>	<u>PH</u>
5.	0.150	0.0	2.7	7.7
5.	0.160	0.0	2.7	7.7
10.	0.170	0.0	3.4	7.7
10.	0.180	0.0	4.1	7.7
20.	0.200	0.0	3.2	8.0
20.	0.200	0.0	3.2	8.0
30.	0.200	0.0	3.2	8.0
30.	0.210	0.0	3.2	8.0
30.	0.220	0.0	3.2	8.0
30.	0.230	0.0	3.2	8.0

-1.

FILENAME: PX168701.CT5

INITIAL SOIL PROFILE CONDITIONS FOR AVONDALE  
(AMBIENT, WET, N-, REP #2)

TRTNO ID  
01 PX168701

<u>DLAYR</u>	<u>SW</u>	<u>NH4</u>	<u>NO3</u>	<u>PH</u>
5.	0.150	0.0	1.1	7.7
5.	0.160	0.0	1.1	7.7
10.	0.170	0.0	1.3	7.7
10.	0.180	0.0	1.4	7.7
20.	0.200	0.0	1.8	8.0
20.	0.200	0.0	1.8	8.0
30.	0.200	0.0	1.8	8.0
30.	0.100	0.0	0.9	8.0
30.	0.220	0.0	1.8	8.0
30.	0.230	0.0	1.8	8.0

-1.

FILENAME: PX038701.CT5

INITIAL SOIL PROFILE CONDITIONS FOR AVONDALE  
(AMBIENT, WET, N+, REP #1)

TRTNO ID  
01 PX038701

<u>DLAYR</u>	<u>SW</u>	<u>NH4</u>	<u>NO3</u>	<u>PH</u>
5.	0.150	0.0	2.7	7.7
5.	0.160	0.0	2.7	7.7
10.	0.170	0.0	3.0	7.7
10.	0.180	0.0	3.2	7.7
20.	0.200	0.0	1.8	8.0
20.	0.200	0.0	1.8	8.0
30.	0.200	0.0	1.8	8.0
30.	0.210	0.0	1.8	8.0
30.	0.220	0.0	1.8	8.0
30.	0.230	0.0	1.8	8.0

-1.

FILENAME: PX158701.CT5

INITIAL SOIL PROFILE CONDITIONS FOR AVONDALE  
(AMBIENT, WET, N+, REP #2)

TRTNO ID  
01 PX158701

<u>DLAYR</u>	<u>SW</u>	<u>NH4</u>	<u>NO3</u>	<u>PH</u>
5.	0.150	0.0	1.8	7.7
5.	0.160	0.0	1.8	7.7
10.	0.170	0.0	1.8	7.7
10.	0.180	0.0	1.8	7.7
20.	0.200	0.0	2.3	8.0
20.	0.200	0.0	2.3	8.0
30.	0.200	0.0	2.3	8.0
30.	0.100	0.0	1.2	8.0
30.	0.220	0.0	2.3	8.0
30.	0.230	0.0	2.3	8.0

-1.



FILENAME: PX058701.CT5

INITIAL SOIL PROFILE CONDITIONS FOR AVONDALE  
(CO2=650, DRY, N-, REP #1)

TRTNO ID  
01 PX058701

<u>DLAYR</u>	<u>SW</u>	<u>NH4</u>	<u>NO3</u>	<u>PH</u>
5.	0.150	0.0	1.8	7.7
5.	0.160	0.0	1.8	7.7
10.	0.170	0.0	2.6	7.7
10.	0.180	0.0	3.4	7.7
20.	0.200	0.0	3.2	8.0
20.	0.200	0.0	3.2	8.0
30.	0.200	0.0	3.2	8.0
30.	0.210	0.0	3.2	8.0
30.	0.220	0.0	3.2	8.0
30.	0.230	0.0	3.2	8.0

-1.

FILENAME: PX118701.CT5

INITIAL SOIL PROFILE CONDITIONS FOR AVONDALE  
(CO2=650, DRY, N-, REP #2)

TRTNO ID  
01 PX118701

<u>DLAYR</u>	<u>SW</u>	<u>NH4</u>	<u>NO3</u>	<u>PH</u>
5.	0.150	0.0	2.3	7.7
5.	0.160	0.0	2.3	7.7
10.	0.170	0.0	2.5	7.7
10.	0.180	0.0	2.7	7.7
20.	0.200	0.0	2.9	8.0
20.	0.200	0.0	2.9	8.0
30.	0.200	0.0	2.9	8.0
30.	0.210	0.0	2.9	8.0
30.	0.220	0.0	2.9	8.0
30.	0.230	0.0	2.9	8.0

-1.

FILENAME: PX068701.CT5

INITIAL SOIL PROFILE CONDITIONS FOR AVONDALE  
(CO2=650, DRY, N+, REP #1)

TRTNO ID  
01 PX068701

<u>DLAYR</u>	<u>SW</u>	<u>NH4</u>	<u>NO3</u>	<u>PH</u>
5.	0.150	0.0	7.9	7.7
5.	0.160	0.0	7.9	7.7
10.	0.170	0.0	7.0	7.7
10.	0.180	0.0	6.1	7.7
20.	0.200	0.0	2.7	8.0
20.	0.200	0.0	2.7	8.0
30.	0.200	0.0	2.7	8.0
30.	0.210	0.0	2.7	8.0
30.	0.220	0.0	2.7	8.0
30.	0.230	0.0	2.7	8.0

-1.

FILENAME: PX128701.CT5

INITIAL SOIL PROFILE CONDITIONS FOR AVONDALE  
(CO2=650, DRY, N+, REP #2)

TRTNO ID  
01 PX128701

<u>DLAYR</u>	<u>SW</u>	<u>NH4</u>	<u>NO3</u>	<u>PH</u>
5.	0.150	0.0	4.1	7.7
5.	0.160	0.0	4.1	7.7
10.	0.170	0.0	4.2	7.7
10.	0.180	0.0	4.3	7.7
20.	0.200	0.0	3.2	8.0
20.	0.200	0.0	3.2	8.0
30.	0.200	0.0	3.2	8.0
30.	0.210	0.0	3.2	8.0
30.	0.220	0.0	3.2	8.0
30.	0.230	0.0	3.2	8.0

-1.

FILENAME: PX048701.CT5

INITIAL SOIL PROFILE CONDITIONS FOR AVONDALE  
(CO2=650, WET, N-, REP #1)

TRTNO ID

01 PX048701

<u>DLAYR</u>	<u>SW</u>	<u>NH4</u>	<u>NO3</u>	<u>PH</u>
5.	0.150	0.0	1.4	7.7
5.	0.160	0.0	1.4	7.7
10.	0.170	0.0	1.7	7.7
10.	0.180	0.0	2.0	7.7
20.	0.200	0.0	2.0	8.0
20.	0.200	0.0	2.0	8.0
30.	0.200	0.0	2.0	8.0
30.	0.210	0.0	2.0	8.0
30.	0.220	0.0	2.0	8.0
30.	0.230	0.0	2.0	8.0

-1.

FILENAME: PX138701.CT5

INITIAL SOIL PROFILE CONDITIONS FOR AVONDALE  
(CO2=650, WET, N-, REP #2)

TRTNO ID

01 PX138701

<u>DLAYR</u>	<u>SW</u>	<u>NH4</u>	<u>NO3</u>	<u>PH</u>
5.	0.150	0.0	1.8	7.7
5.	0.160	0.0	1.8	7.7
10.	0.170	0.0	1.8	7.7
10.	0.180	0.0	1.8	7.7
20.	0.200	0.0	1.4	8.0
20.	0.200	0.0	1.4	8.0
30.	0.200	0.0	1.4	8.0
30.	0.100	0.0	0.7	8.0
30.	0.220	0.0	1.4	8.0
30.	0.230	0.0	1.4	8.0

-1.

FILENAME: PX018701.CT5

INITIAL SOIL PROFILE CONDITIONS FOR AVONDALE  
(CO2-650, WET, N+, REP #1)

TRTNO ID  
01 PX018701

<u>DLAYR</u>	<u>SW</u>	<u>NH4</u>	<u>NO3</u>	<u>PH</u>
5.	0.150	0.0	2.0	7.7
5.	0.160	0.0	2.0	7.7
10.	0.170	0.0	1.5	7.7
10.	0.180	0.0	0.9	7.7
20.	0.200	0.0	1.4	8.0
20.	0.200	0.0	1.4	8.0
30.	0.200	0.0	1.4	8.0
30.	0.210	0.0	1.4	8.0
30.	0.220	0.0	1.4	8.0
30.	0.230	0.0	1.4	8.0
-1.				

FILENAME: PX148701.CT5

INITIAL SOIL PROFILE CONDITIONS FOR AVONDALE  
(CO2-650, WET, N+, REP #2)

TRTNO ID  
01 PX148701

<u>DLAYR</u>	<u>SW</u>	<u>NH4</u>	<u>NO3</u>	<u>PH</u>
5.	0.150	0.0	2.5	7.7
5.	0.160	0.0	2.5	7.7
10.	0.170	0.0	2.2	7.7
10.	0.180	0.0	1.8	7.7
20.	0.200	0.0	1.1	8.0
20.	0.200	0.0	1.1	8.0
30.	0.200	0.0	1.1	8.0
30.	0.100	0.0	0.6	8.0
30.	0.220	0.0	1.1	8.0
30.	0.230	0.0	1.1	8.0
-1.				

FILENAME: PX078701.CT6

IRRIGATION FOR DRY, N- (PLOTS 05,07,09,&11)

TRTNO ID

01 PX078701

	AMTIRR	X1IRR	X2IRR		
<u>JDIRR</u>	<u>IRRCOD</u>	<u>Z1IRR</u>	<u>Z2IRR</u>		
106	115. 5	0.0	0.0	1.0	0.0
113	15. 5	0.0	0.0	1.0	0.0
120	17. 5	0.0	0.0	1.0	0.0
125	13. 5	0.0	0.0	1.0	0.0
128	36. 5	0.0	0.0	1.0	0.0
146	6. 5	0.0	0.0	1.0	0.0
153	10. 5	0.0	0.0	1.0	0.0
160	20. 5	0.0	0.0	1.0	0.0
167	46. 5	0.0	0.0	1.0	0.0
174	35. 5	0.0	0.0	1.0	0.0
181	18. 5	0.0	0.0	1.0	0.0
188	38. 5	0.0	0.0	1.0	0.0
195	52. 5	0.0	0.0	1.0	0.0
202	40. 5	0.0	0.0	1.0	0.0
209	36. 5	0.0	0.0	1.0	0.0
216	22. 5	0.0	0.0	1.0	0.0
223	23. 5	0.0	0.0	1.0	0.0
230	48. 5	0.0	0.0	1.0	0.0
237	24. 5	0.0	0.0	1.0	0.0
244	44. 5	0.0	0.0	1.0	0.0
251	50. 5	0.0	0.0	1.0	0.0
258	44. 5	0.0	0.0	1.0	0.0
265	38. 5	0.0	0.0	1.0	0.0
273	40. 5	0.0	0.0	1.0	0.0

-1

FILENAME: PX088701.CT6

IRRIGATION FOR DRY, N+ (PLOTS 06,08,10,&12)

TRTNO ID  
01 PX088701

<u>JDIRR</u>	<u>AMTIRR</u>	<u>IRRCOD</u>	<u>X1IRR</u>	<u>Z1IRR</u>	<u>X2IRR</u>	<u>Z2IRR</u>
106	137.	5	0.0	0.0	1.0	0.0
113	17.	5	0.0	0.0	1.0	0.0
120	20.	5	0.0	0.0	1.0	0.0
125	16.	5	0.0	0.0	1.0	0.0
128	41.	5	0.0	0.0	1.0	0.0
146	7.	5	0.0	0.0	1.0	0.0
153	8.	5	0.0	0.0	1.0	0.0
160	22.	5	0.0	0.0	1.0	0.0
167	35.	5	0.0	0.0	1.0	0.0
174	27.	5	0.0	0.0	1.0	0.0
181	38.	5	0.0	0.0	1.0	0.0
188	39.	5	0.0	0.0	1.0	0.0
195	51.	5	0.0	0.0	1.0	0.0
202	47.	5	0.0	0.0	1.0	0.0
209	31.	5	0.0	0.0	1.0	0.0
216	20.	5	0.0	0.0	1.0	0.0
223	49.	5	0.0	0.0	1.0	0.0
230	32.	5	0.0	0.0	1.0	0.0
237	10.	5	0.0	0.0	1.0	0.0
244	55.	5	0.0	0.0	1.0	0.0
251	46.	5	0.0	0.0	1.0	0.0
258	43.	5	0.0	0.0	1.0	0.0
265	36.	5	0.0	0.0	1.0	0.0
273	40.	5	0.0	0.0	1.0	0.0

-1

FILENAME: PX028701.CT6

IRRIGATION FOR WET, N- (PLOTS 02,04,13,&16)

TRTNO ID

01 PX028701

<u>JDIRR</u>	<u>AMTIRR</u>	<u>IRRCOD</u>	<u>X1IRR</u>	<u>Z1IRR</u>	<u>X2IRR</u>	<u>Z2IRR</u>
106	89.5	5	0.0	0.0	1.0	0.0
113	12.5	5	0.0	0.0	1.0	0.0
120	14.5	5	0.0	0.0	1.0	0.0
125	10.5	5	0.0	0.0	1.0	0.0
128	28.5	5	0.0	0.0	1.0	0.0
146	8.5	5	0.0	0.0	1.0	0.0
153	13.5	5	0.0	0.0	1.0	0.0
160	35.5	5	0.0	0.0	1.0	0.0
167	70.5	5	0.0	0.0	1.0	0.0
174	74.5	5	0.0	0.0	1.0	0.0
181	23.5	5	0.0	0.0	1.0	0.0
188	68.5	5	0.0	0.0	1.0	0.0
195	69.5	5	0.0	0.0	1.0	0.0
202	69.5	5	0.0	0.0	1.0	0.0
209	57.5	5	0.0	0.0	1.0	0.0
216	45.5	5	0.0	0.0	1.0	0.0
223	42.5	5	0.0	0.0	1.0	0.0
230	68.5	5	0.0	0.0	1.0	0.0
237	55.5	5	0.0	0.0	1.0	0.0
244	62.5	5	0.0	0.0	1.0	0.0
251	84.5	5	0.0	0.0	1.0	0.0
258	59.5	5	0.0	0.0	1.0	0.0
265	60.5	5	0.0	0.0	1.0	0.0
273	65.5	5	0.0	0.0	1.0	0.0

-1

FILENAME: PX038701.CT6

IRRIGATION FOR WET, N+ (PLOTS 01,03,14,&15)

TRTNO ID  
01 PX038701

<u>JDIRR</u>	<u>AMTIRR</u>	<u>IRRCOD</u>	<u>X1IRR</u>	<u>Z1IRR</u>	<u>X2IRR</u>	<u>Z2IRR</u>
106	144.	5	0.0	0.0	1.0	0.0
113	18.	5	0.0	0.0	1.0	0.0
120	22.	5	0.0	0.0	1.0	0.0
125	16.	5	0.0	0.0	1.0	0.0
128	44.	5	0.0	0.0	1.0	0.0
146	8.	5	0.0	0.0	1.0	0.0
153	12.	5	0.0	0.0	1.0	0.0
160	37.	5	0.0	0.0	1.0	0.0
167	44.	5	0.0	0.0	1.0	0.0
169	40.	5	0.0	0.0	1.0	0.0
170	79.	5	0.0	0.0	1.0	0.0
174	42.	5	0.0	0.0	1.0	0.0
181	60.	5	0.0	0.0	1.0	0.0
188	50.	5	0.0	0.0	1.0	0.0
195	79.	5	0.0	0.0	1.0	0.0
202	62.	5	0.0	0.0	1.0	0.0
209	59.	5	0.0	0.0	1.0	0.0
216	41.	5	0.0	0.0	1.0	0.0
223	45.	5	0.0	0.0	1.0	0.0
230	73.	5	0.0	0.0	1.0	0.0
237	48.	5	0.0	0.0	1.0	0.0
244	66.	5	0.0	0.0	1.0	0.0
251	83.	5	0.0	0.0	1.0	0.0
258	61.	5	0.0	0.0	1.0	0.0
265	59.	5	0.0	0.0	1.0	0.0
273	69.	5	0.0	0.0	1.0	0.0

-1



FILENAME: PX078701.CT7

FERTILIZER MANAGEMENT N-  
(PLOTS 02,04,05,07,09,11,13,&16)

TRTNO ID  
01 PX078701

	FERTN	INTYPE	IPTYPE	IKTYPE	IITYPE	X1FERT	X2FERT							
JDFERT	DFERT	FERTP	FERTK	FERTIN	FERCOD	Z1FERT	Z2FERT							
106	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
113	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
120	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
125	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
128	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
146	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
153	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
160	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
167	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
169	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
170	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
174	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
181	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
188	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
195	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
202	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
209	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
216	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
223	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
230	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
237	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
244	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
251	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
258	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
265	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
273	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0

-1

FILENAME: PX088701.CT7

FERTILIZER MANAGEMENT N+,  
(PLOTS 01,03,06,08,10,12,14,&15)

TRTNO ID  
01 PX088701

	FERTN	INTYPE	IPTYPE	IKTYPE	IITYPE	X1FERT	X2FERT							
JDFERT	DFERT	FERTP	FERTK	FERTIN	FERCOD	Z1FERT	Z2FERT							
106	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
113	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
120	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
125	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
128	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
146	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
153	6.8	0.0	5	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
160	6.8	0.0	5	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
167	6.8	0.0	5	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
169	0.2	0.0	5	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
170	0.2	0.0	5	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
174	13.3	0.0	5	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
181	13.3	0.0	5	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
188	13.3	0.0	5	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
195	19.3	0.0	10	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
202	19.3	0.0	10	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
209	19.3	0.0	10	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
216	19.3	0.0	10	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
223	19.3	0.0	10	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
230	38.4	0.0	10	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
237	19.3	0.0	10	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
244	19.3	0.0	10	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
251	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
258	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
265	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0
273	0.2	0.0	8	0.0	0	0.0	0	0.0	0	5	0.0	0.0	1.0	0.0

-1

FILENAME: PX078701.CT8 TREATMENT MANAGEMENT FILE

ID	TRTNO	TITLE							ISOILT	IVARTY				
PX078701	01	CO2=350ppm, IRR.=DRY, NIT.--, REP=#1							1	61				
				(ISWEED, ISWINS, ISWNEM & ISWDIS) options										
	ISOW	ROWSPC	IIRR	EFFIRR	THETAC									
<u>ISIM</u>	<u>PLANTS</u>	<u>SDEPTH</u>	<u>ISWNIT</u>	<u>DSOIL</u>	<u>IMERGE</u>									
114	97	10.00	1.016	5.00	2	1	0.95	0.00	0.0	114	0	0	0	0

HISTORY

PRECISELY SAME SITE AS 1986; BARLEY CROP OVER WINTER, CUT AND REMOVED.

FILENAME: PX098701.CT8 TREATMENT MANAGEMENT FILE

ID	TRTNO	TITLE							ISOILT	IVARTY				
PX098701	01	CO2=350ppm, IRR.=DRY, NIT.--, REP=#2							1	61				
				(ISWEED, ISWINS, ISWNEM & ISWDIS) options										
	ISOW	ROWSPC	IIRR	EFFIRR	THETAC									
<u>ISIM</u>	<u>PLANTS</u>	<u>SDEPTH</u>	<u>ISWNIT</u>	<u>DSOIL</u>	<u>IMERGE</u>									
114	97	10.00	1.016	5.00	2	1	0.95	0.00	0.0	114	0	0	0	0

HISTORY

PRECISELY SAME SITE AS 1986; BARLEY CROP OVER WINTER, CUT AND REMOVED.

FILENAME: PX088701.CT8 TREATMENT MANAGEMENT FILE

ID	TRTNO	TITLE							ISOILT	IVARTY				
PX088701	01	CO2=350ppm, IRR.=DRY, NIT.=+, REP=#1							1	61				
				(ISWEED, ISWINS, ISWNEM & ISWDIS) options										
	ISOW	ROWSPC	IIRR	EFFIRR	THETAC									
<u>ISIM</u>	<u>PLANTS</u>	<u>SDEPTH</u>	<u>ISWNIT</u>	<u>DSOIL</u>	<u>IMERGE</u>									
114	97	10.00	1.016	5.00	2	1	0.95	0.00	0.0	114	0	0	0	0

HISTORY

PRECISELY SAME SITE AS 1986; BARLEY CROP OVER WINTER, CUT AND REMOVED.

FILENAME: PX108701.CT8 TREATMENT MANAGEMENT FILE

ID	TRTNO	TITLE							ISOILT	IVARTY				
PX108701	01	CO2=350ppm, IRR.=DRY, NIT.=+, REP=#2							1	61				
(ISWEED, ISWINS, ISWNEM & ISWDIS) options														
ISOW	ROWSPC	IIRR	EFFIRR	THETAC										
ISIM	PLANTS	SDEPTH	ISWNIT	DSOIL	IMERGE									
114	97	10.00	1.016	5.00	2	1	0.95	0.00	0.0	114	0	0	0	0

HISTORY  
 PRECISELY SAME SITE AS 1986; BARLEY CROP OVER WINTER, CUT AND REMOVED.

FILENAME: PX028701.CT8 TREATMENT MANAGEMENT FILE

ID	TRTNO	TITLE							ISOILT	IVARTY				
PX028701	01	CO2=350ppm, IRR.=WET, NIT.=, REP=#1							1	61				
(ISWEED, ISWINS, ISWNEM & ISWDIS) options														
ISOW	ROWSPC	IIRR	EFFIRR	THETAC										
ISIM	PLANTS	SDEPTH	ISWNIT	DSOIL	IMERGE									
114	97	10.00	1.016	5.00	2	1	0.95	0.00	0.0	114	0	0	0	0

HISTORY  
 PRECISELY SAME SITE AS 1986; BARLEY CROP OVER WINTER, CUT AND REMOVED.

FILENAME: PX168701.CT8 TREATMENT MANAGEMENT FILE

ID	TRTNO	TITLE							ISOILT	IVARTY				
PX168701	01	CO2=350ppm, IRR.=WET, NIT.=, REP=#2							1	61				
(ISWEED, ISWINS, ISWNEM & ISWDIS) options														
ISOW	ROWSPC	IIRR	EFFIRR	THETAC										
ISIM	PLANTS	SDEPTH	ISWNIT	DSOIL	IMERGE									
114	97	10.00	1.016	5.00	2	1	0.95	0.00	0.0	114	0	0	0	0

HISTORY  
 PRECISELY SAME SITE AS 1986; BARLEY CROP OVER WINTER, CUT AND REMOVED.

FILENAME: PX038701.CT8 TREATMENT MANAGEMENT FILE

ID	TRTNO	TITLE							ISOILT	IVARTY				
PX038701	01	CO2=350ppm, IRR.=WET, NIT.=+, REP=#1							1	61				
	ISOW	ROWSPC	(ISWEED, ISWINS, ISWNEM & ISWDIS) options											
			IIRR	EFFIRR	THETAC									
ISIM	PLANTS	SDEPTH	ISWNIT	DSOIL	IMERGE									
114	97	10.00	1.016	5.00	2	1	0.95	0.00	0.0	114	0	0	0	0

HISTORY

PRECISELY SAME SITE AS 1986; BARLEY CROP OVER WINTER, CUT AND REMOVED.

FILENAME: PX158701.CT8 TREATMENT MANAGEMENT FILE

ID	TRTNO	TITLE							ISOILT	IVARTY				
PX158701	01	CO2=350ppm, IRR.=WET, NIT.=+, REP=#2							1	61				
	ISOW	ROWSPC	(ISWEED, ISWINS, ISWNEM & ISWDIS) options											
			IIRR	EFFIRR	THETAC									
ISIM	PLANTS	SDEPTH	ISWNIT	DSOIL	IMERGE									
114	97	10.00	1.016	5.00	2	1	0.95	0.00	0.0	114	0	0	0	0

HISTORY

PRECISELY SAME SITE AS 1986; BARLEY CROP OVER WINTER, CUT AND REMOVED.

FILENAME: PX058701.CT8 TREATMENT MANAGEMENT FILE

ID	TRTNO	TITLE							ISOILT	IVARTY				
PX058701	01	CO2=650ppm, IRR.=DRY, NIT.=-, REP=#1							1	61				
	ISOW	ROWSPC	(ISWEED, ISWINS, ISWNEM & ISWDIS) options											
			IIRR	EFFIRR	THETAC									
ISIM	PLANTS	SDEPTH	ISWNIT	DSOIL	IMERGE									
114	97	10.00	1.016	5.00	2	1	0.95	0.00	0.0	114	0	0	0	0

HISTORY

PRECISELY SAME SITE AS 1986; BARLEY CROP OVER WINTER, CUT AND REMOVED.

FILENAME: PX118701.CT8 TREATMENT MANAGEMENT FILE

<u>ID</u>	<u>TRTNO</u>	<u>TITLET</u>							<u>ISOILT</u>	<u>IVARTY</u>				
PX118701	01	CO2=650ppm, IRR.=DRY, NIT.--, REP=#2							1	61				
				(ISWEED, ISWINS, ISWNEM & ISWDIS) options										
	<u>ISOW</u>	<u>ROWSPC</u>	<u>IIRR</u>	<u>EFFIRR</u>	<u>THETAC</u>									
<u>ISIM</u>	<u>PLANTS</u>	<u>SDEPTH</u>	<u>ISWNIT</u>	<u>DSOIL</u>	<u>IMERGE</u>									
114	97	10.00	1.016	5.00	2	1	0.95	0.00	0.0	114	0	0	0	0

HISTORY

PRECISELY SAME SITE AS 1986; BARLEY CROP OVER WINTER, CUT AND REMOVED.

FILENAME: PX068701.CT8 TREATMENT MANAGEMENT FILE

<u>ID</u>	<u>TRTNO</u>	<u>TITLET</u>							<u>ISOILT</u>	<u>IVARTY</u>				
PX068701	01	CO2=650ppm, IRR.=DRY, NIT.==, REP=#1							1	61				
				(ISWEED, ISWINS, ISWNEM & ISWDIS) options										
	<u>ISOW</u>	<u>ROWSPC</u>	<u>IIRR</u>	<u>EFFIRR</u>	<u>THETAC</u>									
<u>ISIM</u>	<u>PLANTS</u>	<u>SDEPTH</u>	<u>ISWNIT</u>	<u>DSOIL</u>	<u>IMERGE</u>									
114	97	10.00	1.016	5.00	2	1	0.95	0.00	0.0	114	0	0	0	0

HISTORY

PRECISELY SAME SITE AS 1986; BARLEY CROP OVER WINTER, CUT AND REMOVED.

FILENAME: PX128701.CT8 TREATMENT MANAGEMENT FILE

<u>ID</u>	<u>TRTNO</u>	<u>TITLET</u>							<u>ISOILT</u>	<u>IVARTY</u>				
PX128701	01	CO2=650ppm, IRR.=DRY, NIT.==, REP=#2							1	61				
				(ISWEED, ISWINS, ISWNEM & ISWDIS) options										
	<u>ISOW</u>	<u>ROWSPC</u>	<u>IIRR</u>	<u>EFFIRR</u>	<u>THETAC</u>									
<u>ISIM</u>	<u>PLANTS</u>	<u>SDEPTH</u>	<u>ISWNIT</u>	<u>DSOIL</u>	<u>IMERGE</u>									
114	97	10.00	1.016	5.00	2	1	0.95	0.00	0.0	114	0	0	0	0

HISTORY

PRECISELY SAME SITE AS 1986; BARLEY CROP OVER WINTER, CUT AND REMOVED.

FILENAME: PX048701.CT8 TREATMENT MANAGEMENT FILE

ID	TRTNO	TITLE						ISOILT	IVARTY					
PX048701	01	CO2=650ppm, IRR.=WET, NIT.--, REP=#1						1	61					
		(ISWEED, ISWINS, ISWNEM & ISWDIS) options												
ISOW	ROWSPC	IIRR	EFFIRR	THETAC										
ISIM	PLANTS	SDEPTH	ISWNIT	DSOIL	IMERGE									
114	97	10.00	1.016	5.00	2	1	0.95	0.00	0.0	114	0	0	0	0

HISTORY

PRECISELY SAME SITE AS 1986; BARLEY CROP OVER WINTER, CUT AND REMOVED.

FILENAME: PX138701.CT8 TREATMENT MANAGEMENT FILE

ID	TRTNO	TITLE						ISOILT	IVARTY					
PX138701	01	CO2=650ppm, IRR.=WET, NIT.--, REP=#2						1	61					
		(ISWEED, ISWINS, ISWNEM & ISWDIS) options												
ISOW	ROWSPC	IIRR	EFFIRR	THETAC										
ISIM	PLANTS	SDEPTH	ISWNIT	DSOIL	IMERGE									
114	97	10.00	1.016	5.00	2	1	0.95	0.00	0.0	114	0	0	0	0

HISTORY

PRECISELY SAME SITE AS 1986; BARLEY CROP OVER WINTER, CUT AND REMOVED.

FILENAME: PX018701.CT8 TREATMENT MANAGEMENT FILE

ID	TRTNO	TITLE						ISOILT	IVARTY					
PX018701	01	CO2=650ppm, IRR.=WET, NIT.=+, REP=#1						1	61					
		(ISWEED, ISWINS, ISWNEM & ISWDIS) options												
ISOW	ROWSPC	IIRR	EFFIRR	THETAC										
ISIM	PLANTS	SDEPTH	ISWNIT	DSOIL	IMERGE									
114	97	10.00	1.016	5.00	2	1	0.95	0.00	0.0	114	0	0	0	0

HISTORY

PRECISELY SAME SITE AS 1986; BARLEY CROP OVER WINTER, CUT AND REMOVED.

FILENAME: PX148701.CT8 TREATMENT MANAGEMENT FILE

<u>ID</u>	<u>TRTNO</u>	<u>TITLET</u>	<u>ISOILT</u>	<u>IVARTY</u>																
PX148701	01	CO2=650ppm, IRR.=WET, NIT.=+, REP=#2	1	61																
		(ISWEED, ISWINS, ISWNEM & ISWDIS) options																		
	ISOW	ROWSPC	IIRR	EFFIRR	THETAC															
<u>ISIM</u>	<u>PLANTS</u>	<u>SDEPTH</u>	<u>ISWNIT</u>	<u>DSOIL</u>	<u>IMERGE</u>															
114	97	10.00	1.016	5.00	2	1	0.95	0.00	0.0	114	0	0	0	0	0	0	0	0	0	0

HISTORY

PRECISELY SAME SITE AS 1986; BARLEY CROP OVER WINTER, CUT AND REMOVED.



FILENAME: PX078701.CTA FINAL HARVEST DATA FILE (AMBIENT, DRY, N-, REP #1)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX078701	01	770.	1100.	0.1000	72.	20.	1.94	3640.	467.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX098701.CTA FINAL HARVEST DATA FILE (AMBIENT, DRY, N-, REP #2)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX098701	01	640.	980.	0.1030	72.	18.	1.28	3030.	313.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX088701.CTA FINAL HARVEST DATA FILE (AMBIENT, DRY, N+, REP #1)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX088701	01	1020.	1480.	0.0990	99.	20.	2.06	5250.	600.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX108701.CTA FINAL HARVEST DATA FILE (AMBIENT, DRY, N+, REP #2)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX108701	01	770.	1170.	0.1050	93.	20.	1.84	4410.	1053.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX028701.CTA

FINAL HARVEST DATA FILE (AMBIENT, WET, N-, REP #1)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX028701	01	790.	1150.	0.0750	79.	25.	2.46	3920.	437.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX168701.CTA

FINAL HARVEST DATA FILE (AMBIENT, WET, N-, REP #2)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX168701	01	1020.	1510.	0.0900	86.	23.	1.90	4720.	283.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX038701.CTA

FINAL HARVEST DATA FILE (AMBIENT, WET, N+, REP #1)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX038701	01	1570.	2290.	0.0980	110.	23.	4.87	6680.	197.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX158701.CTA

FINAL HARVEST DATA FILE (AMBIENT, WET, N+, REP #2)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX158701	01	1130.	1770.	0.1000	104.	24.	2.53	5900.	780.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX058701.CTA

FINAL HARVEST DATA FILE (CO2=650, DRY, N-, REP #1)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX058701	01	1120.	1650.	0.0870	114.	22.	1.59	6270.	837.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX118701.CTA

FINAL HARVEST DATA FILE (CO2=650, DRY, N-, REP #2)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX118701	01	1000.	1420.	0.0970	102.	19.	2.21	5360.	853.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX068701.CTA

FINAL HARVEST DATA FILE (CO2=650, DRY, N+, REP #1)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX068701	01	1280.	1960.	0.1050	151.	18.	2.74	8200.	1143.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX128701.CTA

FINAL HARVEST DATA FILE (CO2=650, DRY, N+, REP #2)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX128701	01	1160.	1790.	0.1070	144.	19.	2.74	7200.	1590.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX048701.CTA FINAL HARVEST DATA FILE (CO2=650, WET, N-, REP #1)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX048701	01	1380.	2050.	0.0990	131.	19.	2.99	7210.	617.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX138701.CTA FINAL HARVEST DATA FILE (CO2=650, WET, N-, REP #2)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX138701	01	930.	1390.	0.0920	106.	22.	2.85	5020.	860.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX018701.CTA FINAL HARVEST DATA FILE (CO2=650, WET, N+, REP #1)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX018701	01	1880.	2870.	0.1000	173.	22.	4.70	10010.	1173.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX148701.CTA FINAL HARVEST DATA FILE (CO2=650, DRY, N-, REP #2)

<u>ID</u>	<u>TRTNO</u>	<u>XLTYLD</u>	<u>XSDYLD</u>	<u>XSDWT</u>	<u>XBLSM</u>	<u>XSPB</u>	<u>XLAIMX</u>	<u>XBIOM</u>	<u>XSTMBR</u>
PX148701	01	1390.	2090.	0.1040	122.	20.	2.48	8190.	510.

<u>XSDTN</u>	<u>XTOTNP</u>	<u>XAPTNP</u>	<u>XSDN</u>
-9.00	-9.0	-9.0	-9.0

FILENAME: PX078701.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(AMBIENT, DRY, N-, REP #1)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX078701 01 114 152 166

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

JDOY	XPLTHT	XLAI	JNNODM	JNSQRM	JNFLWM	JNGBLM	JNMBLM	JNABSM	XWLEFH	XWSTMH	XWROTH	XWGBLH	XWMBLH
156	19.	0.29	110	83	0	0	0	7	155.	141.	50.	0.	0.
167	29.	1.15	133	180	2	7	0	7	679.	611.	-9.	18.	0.
181	27.	0.51	137	90	4	13	0	73	378.	365.	-9.	75.	0.
195	37.	1.22	163	43	2	40	0	137	831.	558.	-9.	792.	0.
209	38.	1.11	193	27	1	47	10	173	928.	623.	-9.	985.	584.
223	48.	1.94	220	147	1	40	10	130	1318.	873.	-9.	1528.	496.
237	51.	0.94	260	23	3	87	20	260	601.	793.	-9.	1331.	662.
288	51.	-9.00	-9	-9	-9	16	56	-9	-9.	-9.	-9.	-9.	1870.

-1

FILENAME: PX098701.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(AMBIENT, DRY, N-, REP #2)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX098701 01 114 152 166

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

JDOY	XPLTHT	XLAI	JNNODM	JNSQRM	JNFLWM	JNGBLM	JNMBLM	JNABSM	XWLEFH	XWSTMH	XWROTH	XWGBLH	XWMBLH
160	27.	0.52	127	120	0	0	0	7	293.	283.	76.	0.	.
174	26.	0.54	137	113	4	13	0	20	370.	376.	-9.	36.	.
188	35.	0.84	173	43	1	33	0	110	493.	493.	-9.	579.	.
202	31.	0.84	180	37	1	40	0	123	568.	486.	-9.	415.	.
216	40.	1.16	213	50	1	27	17	170	704.	574.	-9.	985.	695.
230	47.	1.28	227	143	0	37	10	190	1081.	1201.	-9.	773.	542.
288	47.	-9.00	-9	-9	-9	18	54	-9	-9.	-9.	-9.	-9.	1620.

-1

FILENAME: PX088701.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(AMBIENT, DRY, N+, REP #1)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX088701 01 114 152 164

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

	XPLTHT	JNNODM	JNFLWM	JNMBLM	XWLEFH	XWROTH	XWMBLH						
JDOY	XLAI	JNSORM	JNGBLM	JNABSM	XWSTMH	XWGBLH							
156	23.	0.56	110	93	0	0	0	17	327.	248.	78.	0.	0.
167	21.	0.53	127	117	1	20	0	20	377.	391.	-9.	53.	0.
181	23.	0.42	130	63	1	13	0	57	339.	263.	-9.	19.	0.
195	42.	1.30	187	180	4	67	0	120	1022.	823.	-9.	475.	0.
209	43.	1.37	200	30	5	57	0	230	943.	710.	-9.	1652.	0.
223	48.	2.06	230	157	1	47	17	213	1341.	1125.	-9.	1818.	935.
237	42.	0.81	233	50	3	23	27	183	644.	774.	-9.	798.	1190.
288	42.	-9.00	-9	-9	-9	24	79	-9	-9.	-9.	-9.	-9.	2500.

-1

FILENAME: PX108701.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(AMBIENT, DRY, N+, REP #2)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX108701 01 114 152 164

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

	XPLTHT	JNNODM	JNFLWM	JNMBLM	XWLEFH	XWROTH	XWMBLH						
JDOY	XLAI	JNSORM	JNGBLM	JNABSM	XWSTMH	XWGBLH							
160	20.	0.36	120	87	1	0	0	7	221.	189.	82.	0.	0.
174	28.	0.61	137	93	3	30	0	20	407.	388.	-9.	93.	0.
188	32.	0.79	160	50	3	37	0	80	602.	602.	-9.	549.	0.
202	43.	1.20	193	73	2	60	0	183	1027.	853.	-9.	956.	0.
216	38.	1.11	213	117	1	33	20	227	941.	738.	-9.	1242.	874.
230	51.	1.84	237	263	2	43	60	187	1539.	1573.	-9.	237.	2799.
288	51.	-9.00	-9	-9	-9	38	55	-9	-9.	-9.	-9.	-9.	1940.

-1

FILENAME: PX028701.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(AMBIENT, WET, N-, REP #1)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX028701 01 114 150 164

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

JDOY	XPLTHT		JNNODM		JNFLWM		JNMBLM		XWLEFH		XWROTH		XWMBLH
	XLAI	JNSORM	JNGBLM	JNABSM	XWSTMH	XWGBLH							
156	26.	0.44	117	113	0	0	0	30	257.	237.	73.	0.	0.
167	25.	0.58	143	110	2	27	0	7	361.	398.	-9.	81.	0.
181	33.	1.06	167	173	2	33	0	43	707.	582.	-9.	246.	0.
195	40.	0.92	180	30	2	43	0	147	655.	539.	-9.	728.	0.
209	41.	0.78	177	20	0	30	7	117	568.	479.	-9.	959.	308.
223	48.	2.46	253	157	1	53	23	150	1106.	1067.	-9.	1395.	827.
237	47.	1.19	243	93	4	73	17	147	620.	771.	-9.	523.	523.
288	47.	-9.00	-9	-9	-9	16	63	-9	-9.	-9.	-9.	-9.	1940.

-1

FILENAME: PX168701.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(AMBIENT, WET, N-, REP #2)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX168701 01 114 150 164

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

JDOY	XPLTHT		JNNODM		JNFLWM		JNMBLM		XWLEFH		XWROTH		XWMBLH
	XLAI	JNSORM	JNGBLM	JNABSM	XWSTMH	XWGBLH							
160	25.	0.47	130	117	0	0	0	7	250.	237.	85.	0.	0.
174	40.	0.85	183	217	6	37	0	60	939.	926.	-9.	125.	0.
188	43.	1.20	173	113	2	73	0	83	728.	728.	-9.	666.	0.
202	34.	1.14	160	7	0	37	0	163	604.	566.	-9.	1085.	0.
216	41.	1.40	207	93	0	27	27	230	1023.	866.	-9.	1238.	1491.
230	47.	1.90	233	113	1	13	50	130	1236.	971.	-9.	339.	2464.
288	47.	-9.00	-9	-9	-9	12	74	-9	-9.	-9.	-9.	-9.	2530.

-1

FILENAME: PX038701.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(AMBIENT, WET, N+, REP #1)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX038701 01 114 150 168

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

JDOY	XPLTHT	XLAI	JNNODM	JNFLWM	JNMBLM	JNABSM	XWLEFH	XWSTMH	XWROTH	XWGBLH	XWMBLH		
156	22.	0.44	110	107	0	0	0	13	248.	228.	88.	0.	0.
167	23.	0.47	120	117	2	0	0	13	269.	240.	-9.	0.	0.
181	42.	1.18	183	160	1	30	0	47	756.	618.	-9.	183.	0.
195	49.	1.43	187	220	7	63	0	63	915.	1026.	-9.	761.	0.
209	57.	1.62	213	83	3	93	3	167	180.	1524.	-9.	1263.	179.
223	68.	4.87	277	180	1	137	23	370	514.	2264.	-9.	3967.	1093.
237	65.	2.77	283	123	5	73	60	320	857.	1857.	-9.	2960.	2792.
288	65.	-9.00	-9	-9	-9	9	101	-9	-9.	-9.	-9.	-9.	3860.

-1

FILENAME: PX158701.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(AMBIENT, WET, N+, REP #2)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX158701 01 114 150 168

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

JDOY	XPLTHT	XLAI	JNNODM	JNFLWM	JNMBLM	JNABSM	XWLEFH	XWSTMH	XWROTH	XWGBLH	XWMBLH		
160	20.	0.31	123	70	0	0	0	23	200.	179.	99.	0.	0.
174	38.	1.58	167	197	5	63	0	43	898.	892.	-9.	391.	0.
188	56.	2.53	203	327	0	100	0	137	1553.	1553.	-9.	922.	0.
202	47.	1.51	187	33	1	63	0	147	908.	765.	-9.	1225.	0.
216	56.	2.38	233	160	0	63	17	320	1714.	2055.	-9.	1647.	810.
230	57.	2.53	247	97	1	50	47	173	1759.	1268.	-9.	1813.	2314.
288	57.	-9.00	-9	-9	-9	20	75	-9	-9.	-9.	-9.	-9.	2900.

-1



FILENAME: PX058701.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(CO2=650, DRY, N-, REP #1)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX058701 01 114 150 166

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

JDOY	XPLTHT	XLAI	JNNODM	JNFLWM	JNMBLM	JNABSM	XWLEFH	XWSTMH	XWROTH	XWGBLH	XWMBLH		
156	27.	0.52	110	120	0	0	0	20	327.	328.	103.	0.	0.
167	32.	0.82	143	203	2	13	0	10	542.	640.	-9.	45.	0.
181	48.	1.45	177	173	5	53	0	127	1221.	1320.	-9.	202.	0.
195	40.	0.88	160	93	2	20	0	180	828.	853.	-9.	404.	0.
209	42.	0.79	187	23	1	20	7	140	662.	648.	-9.	878.	338.
223	57.	1.47	230	127	0	63	10	220	1033.	994.	-9.	766.	399.
237	69.	1.59	247	67	4	103	40	343	1482.	1994.	-9.	1851.	1616.
288	69.	-9.00	-9	-9	-9	29	85	-9	-9.	-9.	-9.	-9.	2770.

-1

FILENAME: PX118701.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(CO2=650, DRY, N-, REP #2)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX118701 01 114 150 166

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

JDOY	XPLTHT	XLAI	JNNODM	JNFLWM	JNMBLM	JNABSM	XWLEFH	XWSTMH	XWROTH	XWGBLH	XWMBLH		
160	26.	0.39	120	83	0	0	0	23	286.	312.	86.	0.	0.
174	40.	1.33	147	120	6	43	0	33	655.	396.	-9.	130.	0.
188	42.	0.78	167	67	3	33	0	177	829.	829.	-9.	238.	0.
202	42.	0.64	180	70	1	23	0	147	679.	856.	-9.	300.	0.
216	52.	1.77	183	20	1	53	13	243	987.	1068.	-9.	557.	477.
230	61.	2.21	253	233	1	37	50	220	2008.	2062.	-9.	505.	2567.
288	61.	-9.00	-9	-9	-9	27	79	-9	-9.	-9.	-9.	-9.	2420.

-1

FILENAME: PX068701.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(CO2=650, DRY, N+, REP #1)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX068701 01 114 152 168

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

	XPLTHT	JNNODM	JNFLWM	JNMBLM	XWLEFH	XWROTH	XWMBLH						
JDOY	XLAI	JNSORM	JNGBLM	JNABSM	XWSTMH	XWGBLH							
156	24.	0.33	93 70	0 0 0	17	204.	211.	84.	0.	0.			
167	27.	0.55	140 163	2 0 0	10	404.	383.	-9.	0.	0.			
181	37.	0.57	160 127	6 20 0	43	510.	552.	-9.	88.	0.			
195	44.	1.77	180 163	6 53 0	170	1008.	1072.	-9.	532.	0.			
209	52.	2.16	213 117	5 117 17	310	1747.	1636.	-9.	3192.	765.			
223	54.	2.74	237 70	5 113 10	307	1580.	1471.	-9.	3686.	322.			
237	55.	1.57	237 117	3 80 45	243	1269.	1673.	-9.	1504.	323.			
288	55.	-9.00	-9 -9	-9 47 104	-9	-9.	-9.	-9.	-9.	3240.			

-1

FILENAME: PX128701.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(CO2=650, DRY, N+, REP #2)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX128701 01 114 152 168

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

	XPLTHT	JNNODM	JNFLWM	JNMBLM	XWLEFH	XWROTH	XWMBLH						
JDOY	XLAI	JNSORM	JNGBLM	JNABSM	XWSTMH	XWGBLH							
160	24.	0.54	130 123	0 0 0	20	305.	288.	124.	0.	0.			
174	34.	0.89	153 147	5 40 0	20	586.	702.	-9.	144.	0.			
188	39.	0.69	153 97	4 43 0	67	630.	630.	-9.	288.	0.			
202	52.	2.74	177 63	1 127 0	273	1708.	1800.	-9.	2806.	0.			
216	52.	1.68	213 50	3 77 30	250	1393.	1309.	-9.	2694.	1488.			
230	57.	2.27	243 207	1 47 80	223	1972.	1864.	-9.	1161.	3999.			
288	57.	-9.00	-9 -9	-9 55 97	-9	-9.	-9.	-9.	-9.	2950.			

-1

FILENAME: PX048701.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(CO2=650, WET, N-, REP #1)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX048701 01 114 154 164

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

JDOY	XPLTHT	XLAI	JNNODM	JNSORM	JNFLWM	JNGBLM	JNMBLM	JNABSM	XWLEFH	XWSTMH	XWROTH	XWGBLH	XWMBLH
156	20.	0.28	100	50	0	0	0	27	200.	163.	65.	0.	0.
167	35.	0.91	140	193	2	23	0	7	600.	672.	-9.	99.	0.
181	44.	0.75	160	100	7	37	0	87	661.	856.	-9.	256.	0.
195	51.	1.05	173	17	2	43	0	243	834.	955.	-9.	1094.	0.
209	46.	1.15	190	17	1	53	7	157	933.	917.	-9.	2049.	332.
223	60.	2.99	223	240	1	87	77	327	2027.	2606.	-9.	3045.	3542.
237	74.	2.61	333	177	6	113	43	237	1450.	2018.	-9.	1888.	1791.
288	74.	-9.00	-9	-9	-9	22	110	-9	-9.	-9.	-9.	-9.	3430.

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MEASURED INTERMEDIATE GROWTH DATA  
(CO2=650, WET, N-, REP #2)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX138701 01 114 154 164

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

JDOY	XPLTHT	XLAI	JNNODM	JNSORM	JNFLWM	JNGBLM	JNMBLM	JNABSM	XWLEFH	XWSTMH	XWROTH	XWGBLH	XWMBLH
160	22.	0.30	117	63	0	0	0	13	225.	230.	111.	0.	0.
174	40.	1.21	153	167	4	49	0	7	783.	827.	-9.	144.	0.
188	48.	1.13	177	100	2	47	0	130	944.	944.	-9.	413.	0.
202	37.	0.71	157	7	1	43	0	163	688.	590.	-9.	1712.	0.
216	28.	1.16	190	53	0	40	27	223	917.	890.	-9.	1324.	1389.
230	61.	2.85	260	240	1	50	63	237	2542.	2449.	-9.	240.	3785.
288	61.	-9.00	-9	-9	-9	33	70	-9	-9.	-9.	-9.	-9.	2320.

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MEASURED INTERMEDIATE GROWTH DATA  
(CO2=650, WET, N+, REP #1)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX018701 01 114 152 166

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

	XPLTHT	JNNODM	JNFLWM	JNMBLM	XWLEFH	XWROTH	XWMBLH
JDOY	XLAI	JNSORM	JNGBLM	JNABSM	XWSTMH	XWGBLH	
156	20.	0.37	100 83	0 0 0	17 245.	220.	100. 0. 0.
167	30.	0.94	140 240	2 7 0	17 636.	661.	-9. 30. 0.
181	53.	1.42	177 273	5 43 0	53 1125.	1227.	-9. 450. 0.
195	50.	1.61	187 87	5 70 0	153 1013.	966.	-9. 1352. 0.
209	55.	1.99	227 110	4 123 3	273 1396.	1675.	-9. 2667. 150.
223	70.	4.70	250 67	0 243 27	617 3384.	3586.	-9. 1323. 1294.
237	82.	2.99	290 200	4 207 57	477 2098.	3123.	-9. 2746. 2961.
288	82.	-9.00	-9 -9	-9 41 132	-9 -9.	-9.	-9. -9. 4750.

-1

FILENAME: PX148701.CTB

MEASURED INTERMEDIATE GROWTH DATA  
(CO2=650, WET, N+, REP #2)

TRTNO JSQRJD  
ID JEMRGD JFLRJD  
PX148701 01 114 152 166

NOVAR

13 1 2 3 4 5 6 7 8 9 10 11 12 13

	XPLTHT	JNNODM	JNFLWM	JNMBLM	XWLEFH	XWROTH	XWMBLH
JDOY	XLAI	JNSORM	JNGBLM	JNABSM	XWSTMH	XWGBLH	
160	28.	0.51	120 130	0 0 0	10 293.	352.	100. 0. 0.
174	36.	1.08	163 183	5 20 0	20 789.	747.	-9. 57. 0.
188	44.	1.08	187 97	3 37 0	120 838.	838.	-9. 498. 0.
202	60.	2.48	220 183	3 160 0	237 2200.	2823.	-9. 3820. 0.
216	59.	2.05	227 57	1 83 23	173 1326.	1263.	-9. 3601. 1144.
230	57.	1.93	257 223	1 53 47	310 1783.	1835.	-9. 1175. 1938.
288	57.	-9.00	-9 -9	-9 19 102	-9 -9.	-9.	-9. -9. 3480.

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