

# LTPP Climatic Database Revision and Expansion

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**Federal Highway Administration**



**Long-Term Pavement Performance**  
*Serving Your Need for Durable Pavements*

## **FOREWORD**

This report documents activities of the Long Term Pavement Performance (LTPP) program carried out to accomplish the climatic database revision and expansion, including subcontractor selection, identification of weather stations, weather station review by the regional contractors, acquisition and processing of data, application of quality control checks, and uploading of weather data into the Information Management System (IMS).

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16. Abstract  Although the effects of climatic factors on pavement performance have long been recognized as important, those effects remain largely unquantified because individual pavement research projects to date generally have been restricted to limited geographical areas with more or less uniform climatic conditions and relatively short time spans, making it difficult to separate the effects of climatic factors from those of loading. By virtue of the relatively broad geographic and climatic distribution of the test sections involved and the long-term nature of the study, the Long Term Pavement Performance (LTPP) program will rectify that situation. The LTPP climatic database is intended to provide the weather and climatic information needed to characterize the environment in which each LTPP test section has existed from the time of construction through the LTPP monitoring period. The LTPP database was originally established in 1992, and its development is documented in the following report: "Development of the LTPP Climatic Database," SHRP-P-621, Strategic Highway Research Program, National Research Council, Washington, D.C., 1992.			
Between 1997 and 1998, the LTPP climatic database was revised and updated to (1) include test sections that had not been constructed when the original database was established, (2) improve accuracy of data for the small number of test sections for which accurate location (longitude and latitude) information was not available in 1992, and (3) improve the usefulness of the database. This document summarizes the revisions to and update of the LTPP climatic database, including the identification and sources of data, selection and verification of weather stations, actual data retrieval from available sources, and data quality assurance.			
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## SI\* (MODERN METRIC) CONVERSION FACTORS

### APPROXIMATE CONVERSIONS TO SI UNITS

Symbol	When You Know	Multiply By	To Find	Symbol	Symbol	When You Know	Multiply By	To Find	Symbol
<b>LENGTH</b>									
in	inches	25.4	millimeters	mm	mm	millimeters	0.039	inches	in
ft	feet	0.305	meters	m	m	meters	3.28	feet	ft
yd	yards	0.914	meters	m	m	kilometers	1.09	yards	yd
mi	miles	1.61	kilometers	km	km	kilometers	0.621	miles	mi
<b>AREA</b>									
in <sup>2</sup>	square inches	645.2	square millimeters	mm <sup>2</sup>	mm <sup>2</sup>	square millimeters	0.0016	square inches	in <sup>2</sup>
ft <sup>2</sup>	square feet	0.093	square meters	m <sup>2</sup>	m <sup>2</sup>	square meters	10.764	square feet	ft <sup>2</sup>
yd <sup>2</sup>	square yards	0.836	square meters	m <sup>2</sup>	m <sup>2</sup>	square meters	1.195	square yards	yd <sup>2</sup>
ac	acres	0.405	hectares	ha	ha	hectares	2.47	acres	ac
mi <sup>2</sup>	square miles	2.59	square kilometers	km <sup>2</sup>	km <sup>2</sup>	square kilometers	0.386	square miles	mi <sup>2</sup>
<b>VOLUME</b>									
fl oz	fluid ounces	29.57	milliliters	ml	ml	milliliters	0.034	fluid ounces	fl oz
gal	gallons	3.785	liters	L	L	liters	0.264	gallons	gal
ft <sup>3</sup>	cubic feet	0.028	cubic meters	m <sup>3</sup>	m <sup>3</sup>	cubic meters	35.71	cubic feet	ft <sup>3</sup>
yd <sup>3</sup>	cubic yards	0.765	cubic meters	m <sup>3</sup>	m <sup>3</sup>	cubic meters	1.307	cubic yards	yd <sup>3</sup>
NOTE: Volumes greater than 1000 l shall be shown in m <sup>3</sup> .									
<b>MASS</b>									
oz	ounces	28.35	grams	g	g	grams	0.035	ounces	oz
lb	pounds	0.454	kilograms	kg	kg	kilograms	2.202	pounds	lb
T	short tons (2000 lb)	0.907	megagrams	Mg	Mg	megagrams (or "metric ton")	1.103	short tons (2000 lb)	T
<b>TEMPERATURE (exact)</b>									
°F	Fahrenheit temperature	5(F-32)/9 or (F-32)y1.8	Celsius temperature	°C	°C	Celsius temperature	1.8C + 32	Fahrenheit temperature	°F
<b>ILLUMINATION</b>									
lx	lux	cd/m <sup>2</sup>	cd/m <sup>2</sup>	lx	lx	lux	0.0929 0.2919	foot-candles foot-Lamberts	fc f
<b>FORCE and PRESSURE or STRESS</b>									
N	newtons	N	N	newtons	newtons	newtons	0.225 0.145	poundforce per square inch	lbf lbf/in <sup>2</sup>
kPa	kilopascals	kPa	kPa	kilopascals	kilopascals	kilopascals			

\* SI is the symbol for the International System of Units. Appropriate rounding should be made to comply with Section 4 of ASTM E380.

(Revised September 1993)

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## **INTRODUCTION**

The climatic database for the Long-Term Pavement Performance (LTPP) program was originally established in 1992. At that time, the Specific Pavement Studies (SPS) projects were just getting started, and climatic data were only uploaded to the Information Management System (IMS) for the General Pavement Studies (GPS) test sections. Coordinates for some of those pavement sections were of unknown accuracy, making associated climatic data questionable. It has also been our experience over the past several years that the present structure of this module is very confusing, thus limiting its usefulness.

An effort was therefore initiated in late 1997 to revise and expand the original climatic database, and the contracting process was started. A teleconference was held on March 12, 1998 to discuss issues related to the outcome of this activity. The following decisions were made during the teleconference discussion:

- Delete existing data and replace with new data.
- Store monthly and annual virtual weather station data in the IMS.
- Store daily virtual weather station data and actual weather data on CD-ROMs off-line.
- Change the module name from ENV to CLM.
- Use CLM\_VWS\_\* for naming virtual weather station tables and CLM\_OWS\_\* for naming operating weather station data tables.
- Revise the weather station schema to become similar to that used for the AWS tables.

A decision was also made to store all data elements in SI units (International System of Units [modernized metric system]) in the revised database. The end result of this activity would be the creation of a virtual weather station for each test site in the IMS, containing acquired and derived climatic data and statistics.

This report documents activities carried out to accomplish the database revision and expansion, including subcontractor selection, identification of weather stations, weather station review by the regional contractors, acquisition and processing of data, application of quality control checks, and uploading of weather data into the IMS.

## **DATABASE REVISION AND EXPANSION**

As for the development of the original database, climatic data in the revised database were derived from databases established by the National Climatic Data Center (NCDC) of the United States and the Canadian Climatic Center (CCC) of Canada. The data collection process followed the criteria established and used in development of the original database, with the exception that data stored in the IMS would all be in SI units. Please note that NCDC has two distinct, well-defined data collection efforts — First Order and Cooperative. First Order stations collect all cooperative data elements and a number of additional data elements. The CCC does not make such a formal distinction. It is therefore necessary to physically examine the contents of the CCC database to check if they contain these additional data elements. If they do, the station can be considered as First Order for the purpose of this study.

## **Identification of Weather Stations**

Following the process used in the development of the original database, for each GPS pavement test section and each SPS project, up to five nearby weather stations were used to estimate site-specific climatic conditions (referred to as virtual weather data). The interpolation algorithm using a  $1/R^2$  weighting scheme that was used in the original database development was also used in this study, and will be presented in a later section of this report. Please note that each SPS project consists of many pavement sections that are in the same general area, and will use data collected from the same weather stations.

The criteria established for the identification of weather stations for each individual GPS section and SPS project are as follows:

- At least one active first order<sup>1</sup> (or equivalent) weather station satisfying the following criteria:
  1. Overall time period where data has been recorded is defined as the larger of: (a) pavement age or (b) 5 years.
  2. At least 50% data coverage<sup>2</sup> during the overall time period where data is required.
- The closest active cooperative<sup>3</sup> (or equivalent) weather station satisfying the following criteria:
  1. At a minimum, the following data elements have been recorded: minimum daily temperature; maximum daily temperature; daily precipitation; and daily snowfall (if applicable).
  2. Overall time period where the required data has been recorded is defined as the larger of: (a) pavement age or (b) 5 years.
  3. At least 50% data coverage during the overall time period where data is required.
- Three additional weather stations: the closest active or inactive (with at least part of the record length covering years after the pavement construction date) first order or cooperative (or equivalent) weather stations, other than those included above, where available.

As mentioned earlier, the designation of First Order and Cooperative apply to U.S. weather stations only; however, equivalent categories also apply to the Canadian weather stations. The weather station identification process was global and not limited by State or provincial borders. This would allow the identification of weather stations close to a site, but located in a neighboring State or Province. A note should be made here with respect to the extent of the

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<sup>1</sup> First order weather stations (U.S. only) are defined by NCDC as fully instrumented, collecting the full range of meteorological parameters.

<sup>2</sup> 50% data coverage is defined as any year where at least 180 days of data are collected for each data parameter.

<sup>3</sup> Cooperative weather stations are primarily volunteers who monitor some of the necessary instrumentation. The primary purpose of these stations is the measurement of precipitation data, but a large proportion also measures temperature data.

database and storage requirements. It is possible that some weather stations, especially first order ones, may be identified for more than one pavement site. Data for such stations were only stored once with a pointer connecting them to other applicable pavement sites. However, the length of record stored for all these stations was the one for the oldest site of all of the applicable sites.

### Climatic Data Elements

Upon completion of the weather station identification process, daily climatic data were obtained from the National Climatic Data Center (NCDC) and Canadian Climate Center (CCC) for sites located in the United States and Canada, respectively. The specific data elements to be acquired, and their corresponding units, are listed in table 1 below.

**Table 1. Climatic Data Elements**

<u>Data Element</u>	<u>Variable Name</u>	<u>Units</u>
Daily mean air temperature	MEAN_DAY_TEMP	°C
Daily maximum air temperature	MAX_DAY_TEMP	°C
Daily minimum air temperature	MIN_DAY_TEMP	°C
Daily maximum relative humidity	MAX_DAY_HUM	%
Daily minimum relative humidity	MIN_DAY_HUM	%
Daily precipitation	DAY_PRECIPITATION	mm
Daily snowfall	DAY_SNOWFALL	mm
Daily mean wind speed	MEAN_DAY_WIND_SPD	m/s
Daily maximum gust wind speed	MAX_DAY_WIND_SPD	m/s

### Derived Data and Statistical Parameters

#### *Virtual Daily Climatic Data*

Using the daily climatic data acquired for the weather stations associated with each of the 880 LTPP pavement project sites, the same daily data elements were computed for an on-site virtual (statistical) weather station. Daily climatic data for each of the 880 virtual weather stations were computed using the following equation:

$$V_m = \frac{\sum_{i=1}^k \left( \frac{V_{mi}}{R_i^2} \right)}{\sum_{i=1}^k \left( \frac{1}{R_i^2} \right)}$$

where:  $V_{mi}$  = value of a data element on day m for weather station i  
 $R_i$  = distance of weather station i from the pavement project site  
 $V_m$  = calculated data element for day m, for the virtual weather station  
 $k$  = number of weather stations associated with the project site (up to 5)

#### *Monthly and Annual Climatic Data and Statistics*

Using daily climatic data, monthly and annual data, monthly and annual statistics, and other associated computed parameters were derived for both actual and virtual weather stations. Table 2 lists the specific computed parameters and statistics derived based on the daily climatic data. The number of days in each month or year for which data are available and were used in calculating monthly and annual computed parameters and statistics were also recorded. In addition, the bearing of each weather station relative to the project site was computed using appropriate latitude and longitude data.

The following equation was used to compute average monthly and annual statistics for the various climatic data elements:

$$\bar{x} = \frac{\sum_{i=1}^n X_i}{n}$$

where:  $\bar{x}$  = average of data elements for a specified period  
 $X_i$  = value of data element on  $i$ th day  
 $n$  = number of days with records in the specified period

Similarly, monthly and annual standard deviations were computed using the following equation:

$$S^2 = \frac{\sum_{i=1}^n (X_i - \bar{x})^2}{n - 1}$$

where:  $S$  = standard deviation of data elements for specified period  
 $\bar{x}$  = average of data elements for a specified period  
 $X_i$  = value of data element on  $i$ th day  
 $n$  = number of days with records in a specified period

**Table 2. Derived Climatic Data — Computed Parameters and Statistics**

Data Element	Monthly				Annual			
	Average	Std. Dev.	No. of Days	Value	Average	Std. Dev.	No. of Days	Value
Mean temperature	✓	✓	✓		✓		✓	
Maximum temperature	✓	✓	✓		✓		✓	
Minimum temperature	✓	✓	✓		✓		✓	
Absolute maximum temperature				✓				✓
Absolute minimum temperature				✓				✓
Number of days above 32°C			✓				✓	
Number of days below 0°C			✓				✓	
Freeze index			✓	✓			✓	✓
Freeze-thaw cycles			✓	✓			✓	✓
Maximum humidity	✓	✓	✓		✓		✓	
Minimum humidity	✓	✓	✓		✓		✓	
Total precipitation			✓	✓			✓	✓
Number of intense precipitation days (daily precip > 12.7 mm)			✓				✓	
Number of wet days (daily precip > 0.25 mm)			✓				✓	
Total snowfall				✓			✓	✓
Number of snow-covered days							✓	
Mean wind speed	✓		✓		✓		✓	
Maximum wind speed	✓		✓		✓		✓	

To compute the monthly or annual freezing index, the following equation was used:

$$FI = \sum_{i=1}^n [(0 - T_i) \times 1_i \text{ day}]$$

where:  $FI$  = freezing index, °C-days  
 $T_i$  = average daily air temperature on day  $i$ , °C  
 $i$  = counter on number of days below freezing  
= 1, first day when average daily air temperature is below freezing  
=  $n$ , last day in specified period when average daily air temperature is below freezing

In addition, freeze-thaw cycles were determined by comparing daily minimum air temperature (MIN\_DAY\_TEMP) and daily maximum air temperature (MAX\_DAY\_TEMP) to the freezing point and to each other. Each freeze-thaw cycle consisted of one sequence of a MIN\_DAY\_TEMP below freezing, followed by a MAX\_DAY\_TEMP above freezing, followed by a MIN\_DAY\_TEMP below freezing.

### Database Schema and Storage

The *ENV* module name used in the 1992 original climatic database was replaced by the ***CLM*** module name in the revised database. The ***CLM*** module consists of two sets of tables:

***CLM\_VWS\_\**** for virtual weather station data to be stored in the IMS on-line and ***CLM\_OWS\_\**** for on-site (actual) weather station data to be stored on CD-ROM off-line. Table 3 summarizes the list of ***CLM*** table names and associated data storage location. As shown in this table, climatic data elements have been classified into the following five categories: location, temperature, humidity, precipitation, and wind data. This is in contrast to the existing PARAMETER\_NO in the ***ENV\_MONTHLY\_PARAMETER*** table.

The detailed schema for data to be stored in the IMS on-line ***CLM\_VWS\_\**** tables is presented in Appendix A of this report. Similarly, the detailed schema for data to be stored on the CD-ROM off-line ***CLM\_OWS\_\**** tables is presented in Appendix B.

## CLIMATIC DATA COLLECTION AND QUALITY ASSURANCE

### Selection of Subcontractor

A request for proposal was issued to EarthInfo, Inc. in May 1997 since they were the subcontractor for developing the original database in 1990 and have performed satisfactorily.

**Table 3. Description of CLM Table Names and Data Storage Location**

Recommended Table Names	Description	Storage Location
<i>CLM_SITE_VWS_LINK</i>	Site and weather station location information	IMS
<i>CLM_VWS_OWS_LINK</i>		
<i>CLM_OWS_LOCATION</i>		
<i>CLM_VWS_TEMP_MONTH</i>	Computed parameters for virtual weather station, including monthly and annual statistics for temperature, humidity, precipitation, and wind data	IMS
<i>CLM_VWS_HUMIDITY_MONTH</i>		
<i>CLM_VWS_PRECIP_MONTH</i>		
<i>CLM_VWS_WIND_MONTH</i>		
<i>CLM_VWS_TEMP_ANNUAL</i>		
<i>CLM_VWS_HUMIDITY_ANNUAL</i>		
<i>CLM_VWS_PRECIP_ANNUAL</i>		
<i>CLM_VWS_WIND_ANNUAL</i>		
<i>CLM_VWS_DATA_DAILY</i>	Daily virtual weather station data	Off-line CD-ROM
<i>CLM_OWS_DATA_DAILY</i>	Daily weather station data	Off-line CD-ROM
<i>CLM_OWS_TEMP_MONTH</i>	Computed parameters for weather station, including monthly and annual statistics for temperature, humidity, precipitation, and wind data	Off-line CD-ROM
<i>CLM_OWS_HUMIDITY_MONTH</i>		
<i>CLM_OWS_PRECIP_MONTH</i>		
<i>CLM_OWS_WIND_MONTH</i>		
<i>CLM_OWS_TEMP_ANNUAL</i>		
<i>CLM_OWS_HUMIDITY_ANNUAL</i>		
<i>CLM_OWS_PRECIP_ANNUAL</i>		
<i>CLM_OWS_WIND_ANNUAL</i>		

They were eventually awarded the contract for the climatic database revision and expansion after evaluation of their proposal regarding technical competence and cost.

Work to be performed by EarthInfo included: (1) identification of weather stations associated with 880 LTPP pavement project sites, (2) acquisition of climatic data for LTPP pavement project sites from selected weather stations, (3) computation of statistics and derived parameters from acquired weather data, and (4) application of D level quality control checks (expanded range checks) to data acquired for LTPP pavement project sites. These objectives were accomplished in three phases: (1) identification of weather stations, (2) review of identified weather stations, and (3) acquisition and processing of climatic data. Please note that the “review of identified weather stations” phase work was conducted by LTPP’s regional contractors and was not part of the proposal.

### **Selection of Weather Stations and Database Population**

A list of LTPP GPS sections and SPS projects with associated location information, including latitude, longitude, elevation, and required coverage period, was prepared by LAW PCS and sent to EarthInfo to commence the database revision and expansion. Using the provided site information and following the criteria presented in an earlier section, up to five weather stations associated with each pavement site were identified. During the process, examples of weather stations associated with four pavement sections were sent to LAW PCS, and a review of these data was performed by LAW PCS personnel. These data were found to be accurate and EarthInfo was asked to proceed.

After receiving the identified weather stations associated with the 880 LTPP pavement sites, a preliminary check was again performed at LAW PCS, and no major problems were observed. The selected weather stations and information associated with them were then submitted to the four LTPP regional contractors for their review. The data review process included: (1) comparison of pavement site information contained in this study to that contained in the current IMS, and (2) verification of the adequacy of the selected weather stations in representing the environmental conditions at the test sites. In the comparison between the revised and the existing IMS information, particular attention was paid to the following elements: test section coordinates; construction data and end date; test section/project site number; and test section elevation.

The primary concern regarding verification of selected weather stations was the occurrence of intervening geographic features or elevation differences between the test sites and the selected weather stations associated with them. Weather stations in locations where geographic features, such as mountains or large bodies of water (great lakes), have the potential to create differences in climatic conditions, would not be selected to represent the conditions at the test section. Weather stations whose elevation differs by more than ~1,000 (304.8 meters) feet from the test site might not be appropriate to represent conditions at the test site. Other micro-climate features of the area were taken into consideration in assessing the representativeness of the selected weather stations.

The four regional contractors completed their reviews by early March 1998. Unlike the problems encountered during the development of the original database, most of the weather stations selected by EarthInfo were found to be acceptable. Of those weather stations in question, most were acceptable because of relatively large differences in elevation between the pavement sites and the selected weather stations, especially in certain parts of the Western Region. For these pavement sections, alternative weather stations were recommended, if possible.

Upon completion of the weather station selection and review, a list of LTPP pavement sites with their associated weather stations and location information was prepared and submitted to EarthInfo for their use for retrieving data from each selected weather station. Table 4 shows an example of the list, while Appendix C presents the complete final weather station list.

Please refer to an earlier section for types of data extracted from the NCDC and CCC and their derived data. Acquired and derived climatic data from EarthInfo were stored in five separate files in ASCII, separated by comma (CSV), format. This output file format would also define the filter program to be developed by the LTPP Technical Support Services Contractor (TSSC) IMS team for uploading of climatic data into the IMS. Each file might contain one or more data record types. Each data record type would be stored in a corresponding data table. Table 5 provides a summary description of file names, record types, and table names to be used in storing the climatic data. Each line of data within these files represents a record defined by a record type. For example, record type 11 contains virtual weather station monthly air temperature statistics and calculated parameters. Each record contains multiple fields separated by a comma. A detailed description of the record format for each table is presented in Appendix D.

## **Quality Control/Quality Assurance**

To ensure that data extracted from the NCDC and CCC databases for use in the development of the revised LTPP climatic database are of the highest quality, EarthInfo performed a quality control/ quality assurance (QC/QA) review of those data, as well as the derived data — virtual weather stations, computed parameters, and statistics. Acquired and derived climatic data were compared against the expanded range checks (D-level checks). If data were not within these range checks, they would be flagged for further review by LAW PCS before deciding whether to keep in or eliminate from the LTPP climatic database. Examples of the expanded range checks are presented in table 6, and a complete set of data quality control specifications can be found in Appendix E.

Other QC/QA checks were also performed during the process of uploading climatic data into the IMS database. These checks included level C checks (minimum data elements) when filtering data into the IMS and level E checks (intra modula) in the IMS. Examples of the level C and level E checks are shown in tables 7 and 8, respectively. See Appendix E for detailed specifications for level C and level E checks.

**Table 4. Example of a List of Selected Weather Stations**

Region	State	SHRP ID	SPS-GPS Link	FC	Weather Station Code	Selection Comment	WS ID	Coverage		Test Section Data								Weather Station Name	
								Period		Latitude			Longitude			Elev (ft)			
								Start	End	Dir	Deg	Min	Sec	Dir	Deg	Min	Sec		
NC	17	0600		F	FIRST O.	SELECTED	IL007150	1980	1997 N	39	56	17 W	88	18	22	694	RANTOUL		
NC	17	0600		C	ACTIVE	SELECTED	IL008684	1980	1997 N	39	56	17 W	88	18	22	694	TUSCOLA		
NC	17	0600		C	REGULAR1	SELECTED	IL008740	1980	1997 N	39	56	17 W	88	18	22	694	URBANA		
NC	17	0600		C	REGULAR2	SELECTED	IL002993	1980	1997 N	39	56	17 W	88	18	22	694	FARMER CITY		
NC	17	0600		C	REGULAR3	SELECTED	IL001436	1980	1997 N	39	56	17 W	88	18	22	694	CHARLESTON		
NC	17	1002	B300	F	FIRST O.	SELECTED	IL007382	1980	1997 N	42	19	25 W	89	36	26	797	ROCKFORD WSO AP		
NC	17	1002	B300	C	ACTIVE	SELECTED	IL003262	1980	1997 N	42	19	25 W	89	36	26	797	FREEPORT WASTE WTR P		
NC	17	1002	B300	C	REGULAR1	SELECTED	IL008293	1980	1997 N	42	19	25 W	89	36	26	797	STOCKTON 3 NNE		
NC	17	1002	B300	C	REGULAR2	SELECTED	WI001078	1980	1997 N	42	19	25 W	89	36	26	797	BRODHEAD		
NC	17	1002	B300	C	REGULAR3	SELECTED	IL005901	1980	1997 N	42	19	25 W	89	36	26	797	MOUNT CARROLL		
NC	17	1003	A300	F	FIRST O.	SELECTED	IL000510	1980	1997 N	38	36	56 W	89	38	5	467	BELLEVILLE SIU RESEA		
NC	17	1003	A300	C	ACTIVE	SELECTED	IL001290	1980	1997 N	38	36	56 W	89	38	5	467	CARLYLE RESERVOIR		
NC	17	1003	A300	C	REGULAR1	SELECTED	IL006011	1980	1997 N	38	36	56 W	89	38	5	467	NASHVILLE 4 NE		
NC	17	1003	A300	C	REGULAR2	SELECTED	MO007452	1980	1997 N	38	36	56 W	89	38	5	467	ST LOUIS SCIENCE CTR		
NC	17	1003	A300	C	REGULAR3	SELECTED	IL001160	1980	1997 N	38	36	56 W	89	38	5	467	CAHOKIA		
NC	17	4074		F	FIRST O.	SELECTED	IL007382	1980	1997 N	42	17	18 W	89	33	11	819	ROCKFORD WSO AP		
NC	17	4074		C	ACTIVE	SELECTED	IL003262	1980	1997 N	42	17	18 W	89	33	11	819	FREEPORT WASTE WTR P		
NC	17	4074		C	REGULAR1	SELECTED	IL008293	1980	1997 N	42	17	18 W	89	33	11	819	STOCKTON 3 NNE		
NC	17	4074		C	REGULAR2	SELECTED	WI001078	1980	1997 N	42	17	18 W	89	33	11	819	BRODHEAD		
NC	17	4074		C	REGULAR3	SELECTED	IL005901	1980	1997 N	42	17	18 W	89	33	11	819	MOUNT CARROLL		
NC	17	4082		F	FIRST O.	SELECTED	IL007636	1980	1997 N	38	37	25 W	89	23	6	474	SALEM		
NC	17	4082		C	ACTIVE	SELECTED	IL001290	1980	1997 N	38	37	25 W	89	23	6	474	CARLYLE RESERVOIR		
NC	17	4082		C	REGULAR1	SELECTED	IL006011	1980	1997 N	38	37	25 W	89	23	6	474	NASHVILLE 4 NE		
NC	17	4082		F	REGULAR2	SELECTED	IL000510	1980	1997 N	38	37	25 W	89	23	6	474	BELLEVILLE SIU RESEA		
NC	17	4082		C	REGULAR3	SELECTED	IL008781	1980	1997 N	38	37	25 W	89	23	6	474	VANDALIA		
NC	17	5020		F	FIRST O.	SELECTED	IL000510	1980	1997 N	38	37	18 W	89	30	53	459	BELLEVILLE SIU RESEA		
NC	17	5020		C	ACTIVE	SELECTED	IL001290	1980	1997 N	38	37	18 W	89	30	53	459	CARLYLE RESERVOIR		
NC	17	5020		C	REGULAR1	SELECTED	IL006011	1980	1997 N	38	37	18 W	89	30	53	459	NASHVILLE 4 NE		
NC	17	5020		F	REGULAR2	SELECTED	IL007636	1980	1997 N	38	37	18 W	89	30	53	459	SALEM		
NC	17	5020		C	REGULAR3	SELECTED	IL008781	1980	1997 N	38	37	18 W	89	30	53	459	VANDALIA		
NC	17	5151		F	FIRST O.	SELECTED	IL005751	1966	1997 N	41	31	46 W	90	20	52	657	MOLINE WSO AP		
NC	17	5151		C	ACTIVE	SELECTED	IA004705	1966	1997 N	41	31	46 W	90	20	52	657	LE CLAIRE L & D 14		
NC	17	5151		F	REGULAR1	SELECTED	IA002069	1966	1997 N	41	31	46 W	90	20	52	657	DAVENPORT LOCK & DAM		
NC	17	5151		C	REGULAR2	SELECTED	IL003384	1966	1997 N	41	31	46 W	90	20	52	657	GENESEO		
NC	17	5151		C	REGULAR3	SELECTED	IA001635	1966	1997 N	41	31	46 W	90	20	52	657	CLINTON NO 1		

**Table 5. Names and Description of Output Files**

#	File Name	Description	Record Type	Data To Be Stored in LTPP-IMS Table
1	SITEINFO.TXT	Site and weather station location information	1	<i>CLM_SITE_VWS_LINK</i>
			2	<i>CLM_VWS_OWS_LINK</i>
			3	<i>CLM_OWS_LOCATION</i>
2	VWSSTATS.TXT	Computed parameters for virtual weather station, including monthly and annual statistics for temperature, humidity, precipitation, and wind data	11	<i>CLM_VWS_TEMP_MONTH</i>
			12	<i>CLM_VWS_HUMIDITY_MONTH</i>
			13	<i>CLM_VWS_PRECIP_MONTH</i>
			14	<i>CLM_VWS_WIND_MONTH</i>
			21	<i>CLM_VWS_TEMP_ANNUAL</i>
			22	<i>CLM_VWS_HUMIDITY_ANNUAL</i>
			23	<i>CLM_VWS_PRECIP_ANNUAL</i>
			24	<i>CLM_VWS_WIND_ANNUAL</i>
3	VWSDAILY.TXT	Daily virtual weather station data	10	<i>CLM_VWS_DATA_DAILY</i>
4	OWSDAILY.TXT	Daily weather station data	30	<i>CLM_OWS_DATA_DAILY</i>
5	OWSSTATS.TXT	Computed parameters for operating weather station, including monthly and annual statistics for temperature, humidity, precipitation, and wind data	31	<i>CLM_OWS_TEMP_MONTH</i>
			32	<i>CLM_OWS_HUMIDITY_MONTH</i>
			33	<i>CLM_OWS_PRECIP_MONTH</i>
			34	<i>CLM_OWS_WIND_MONTH</i>
			41	<i>CLM_OWS_TEMP_ANNUAL</i>
			42	<i>CLM_OWS_HUMIDITY_ANNUAL</i>
			43	<i>CLM_OWS_PRECIP_ANNUAL</i>
			44	<i>CLM_OWS_WIND_ANNUAL</i>

**Table 6. Examples of Expanded Range Checks (D-Level Checks)**

***CLM\_VWS\_OWS\_LINK***

Field Name	Units	Range
DISTANCE	m	0 to 200000
ELEVATION_DIFF	m	0 to 1000
BEARING_TO_SITE	degree	0 to 360

***CLM\_OWS\_LOCATION***

Field Name	Units	Range
WS_TYPE		F or C
LATITUDE_DIRECTION		N
LATITUDE_DEG	degree	15 to 75
LATITUDE_MIN	min	0 to 59
LATITUDE_SEC	sec	0 to 59
LONGITUDE_DIRECTION		W
LONGITUDE_DEG	degree	45 to 180
LONGITUDE_MIN	min	0 to 59
LONGITUDE_SEC	sec	0 to 59
ELEVATION	m	-50 to 3000
START_YEAR		1925 to 1997
END_YEAR		1925 to 1997

***CLM\_VWS\_TEMP\_MONTH***

Field Name	Units	Range
MONTH		1 to 12
MEAN_MON_TEMP_AVG	°C	-50.0 to 50.0
MEAN_MON_TEMP_DAYS		0 to days in month
MAX_MON_TEMP_AVG	°C	-50.0 to 50.0
MAX_MON_TEMP_DAYS		0 to days in month
MIN_MON_TEMP_AVG	°C	-50.0 to 50.0
MIN_MON_TEMP_DAYS		0 to days in month

**Table 7. Examples of Minimum Data Elements (C-Level Checks)**

<u>Field</u>	<u>Condition</u>
Table: <b><i>CLM_OWS_LOCATION</i></b>	
WS_TYPE	x
WS_NAME	x
LATITUDE_DIRECTION	x
LATITUDE_DEG	x
LATITUDE_MIN	x
LATITUDE_SEC	x
LONGITUDE_DIRECTION	x
LONGITUDE_DEG	x
LONGITUDE_MIN	x
LONGITUDE_SEC	x
ELEVATION	x
START_YEAR	x
END_YEAR	x

Table: ***CLM\_VWS\_TEMP\_MONTH***

MEAN_MON_TEMP_AVG	required if MEAN_MON_TEMP_DAYS ≥ 24
MEAN_MON_TEMP_STDEV	required if MEAN_MON_TEMP_DAYS ≥ 24
MEAN_MON_TEMP_DAYS	x
MAX_MON_TEMP_AVG	required if MAX_MON_TEMP_DAYS ≥ 24
MAX_MON_TEMP_STDEV	required if MAX_MON_TEMP_DAYS ≥ 24
MAX_MON_TEMP_DAYS	x
MIN_MON_TEMP_AVG	required if MIN_MON_TEMP_DAYS ≥ 24
MIN_MON_TEMP_STDEV	required if MIN_MON_TEMP_DAYS ≥ 24
MIN_MON_TEMP_DAYS	x

Note: In "condition" field, x indicates data element is always required.

**Table 8. Examples of Intramodular Checks (E-Level Checks)**

Table: ***CLM\_VWS\_TEMP\_MONTH***

- If MEAN\_MON\_TEMP\_DAYS < 24 then
  - MEAN\_MON\_TEMP\_AVG must be null
  - MEAN\_MON\_TEMP\_STDEV must be null
 Else
  - MEAN\_MON\_TEMP\_AVG must be non-null
  - MEAN\_MON\_TEMP\_STDEV must be non-null
 End if
- If MAX\_MON\_TEMP\_DAYS < 24 then
  - MAX\_MON\_TEMP\_AVG must be null
  - MAX\_MON\_TEMP\_STDEV must be null
  - DAYS\_ABOVE\_32\_C\_MONTH must be null
  - MAX\_MON\_TEMP must be null
 Else
  - MAX\_MON\_TEMP\_AVG must be non-null
  - MAX\_MON\_TEMP\_STDEV must be non-null
  - DAYS\_ABOVE\_32\_C\_MONTH must be non-null
  - MAX\_MON\_TEMP must be non-null
 End if
- MIN\_MON\_TEMP\_AVG ≤ MEAN\_MON\_TEMP\_AVG ≤ MAX\_MON\_TEMP\_AVG
- DAYS\_ABOVE\_32\_C\_MONTH ≤ MAX\_MON\_TEMP\_DAYS
- DAYS\_BELOW\_0\_C\_MONTH ≤ MIN\_MON\_TEMP\_DAYS

Table: ***CLM\_VWS\_PRECIP\_ANNUAL***

- If NUM\_ANN\_PRECIP\_DAYS < 300 then
  - TOTAL\_ANN\_PRECIP must be null
  - INTENSE\_PRECIP\_DAYS\_YR must be null
  - WET\_DAYS\_YR must be null
 Else
  - TOTAL\_ANN\_PRECIP must be non-null
  - INTENSE\_PRECIP\_DAYS\_YR must be non-null
  - WET\_DAYS\_YR must be non-null
 End if
- If NUM\_SNOWFALL\_DAYS\_YR < 300 then
  - TOTAL\_SNOWFALLS\_YR must be null
 Else
  - TOTAL\_SNOWFALLS\_YR must be non-null
 End if
- INTENSE\_PRECIP\_DAYS\_YR ≤ WET\_DAYS\_YR ≤ NUM\_ANN\_PRECIP\_DAYS

## **Uploading of Climatic Data Into LTPP Database**

The uploading of climatic Virtual Weather Station (VWS) data into the LTPP database has been completed and quality control (QC) checks have been successfully run on these data. The resulting on-line database contains monthly and annual temperature, humidity, precipitation, and wind data for each VWS (i.e., LTPP section or project site). Daily VWS data and other operation weather station data are not stored on-line.

## **DATABASE UPDATE ACTIVITIES**

Significant effort has been made in the development of the revised LTPP climatic database; however, maintaining and updating the database are a continuous effort. At this time, the database contains data up to the middle of 1997. Since the majority of LTPP test sections will be monitored for many years, future updates of the database will be required on a periodic basis. Also, as part of this exercise, weather stations that have become inactive would be replaced by other stations of the same order (first order or cooperative) or higher. As the analysis of the LTPP data progresses, it is also possible that additional climatic data will be required and can be acquired and incorporated into the database during the updating process.

## **SUMMARY**

This report documents activities and efforts on the development of the revised LTPP climatic database that was initiated in 1997. At that time, a decision was made to remove all of the current database developed in 1992 and to start building the revised database from scratch. Because of experience gained from developing the previous database, no major problems were encountered in the development process. Climatic data were considered reliable because of thorough quality control/quality assurance data review.

This database is one of the most comprehensive climatic databases developed; it contains climatic data for 880 LTPP GPS and SPS test sections from the dates of construction of the sections to 1997. This database provides the best available estimates for the climatic data at each LTPP test section.

## **APPENDIX A. VIRTUAL WEATHER STATION DATABASE SCHEMA**

This appendix contains schema for tables for storage of essential information on test site and virtual weather station (VWS) location data, as well as virtual weather station monthly and annual statistical climatic data computed from weather station data. The tables described in this appendix are:

Tables for storing test site, VWS, and onsite weather station (OWS) location data:

- ***CLM\_SITE\_VWS\_LINK***
- ***CLM\_VWS\_OWS\_LINK***
- ***CLM\_OWS\_LOCATION***

Tables for storing VWS monthly statistical data:

- ***CLM\_VWS\_TEMP\_MONTH***
- ***CLM\_VWS\_HUMIDITY\_MONTH***
- ***CLM\_VWS\_PRECIP\_MONTH***
- ***CLM\_VWS\_WIND\_MONTH***

Tables for storing VWS annual statistical data:

- ***CLM\_VWS\_TEMP\_ANNUAL***
- ***CLM\_VWS\_HUMIDITY\_ANNUAL***
- ***CLM\_VWS\_PRECIP\_ANNUAL***
- ***CLM\_VWS\_WIND\_ANNUAL***

**CLM\_SITE\_VWS\_LINK:** Contains link between test site and associated virtual weather station.

Field Name	Units	Format	Data Dictionary Description
STATE_CODE		NUMBER(2,0)	
SHRP_ID		VARCHAR2(4)	
VWS_ID		VARCHAR2(6)	Code that uniquely identifies virtual weather station. For GPS, code consists of STATE_CODE and SHRP_ID, e.g., 321020, where 32 is STATE_CODE and 1020 is SHRP_ID; for SPS, code consists of STATE_CODE and project-level SHRP_ID, e.g., 320200, where 32 is STATE_CODE and 0200 is project-level SHRP_ID.
RECORD_STATUS		VARCHAR2(1)	

**CLM\_VWS\_OWS\_LINK:** Contains link between virtual weather station and associated weather stations identified by National Climatic Data Center and Canadian Climatic Center.

Field Name	Units	Format	Data Dictionary Description
		VARCHAR2(6)	Code that uniquely identifies virtual weather station. For GPS, code consists of STATE_CODE and SHRP_ID, e.g., 321020, where 32 is STATE_CODE and 1020 is SHRP_ID; for SPS, code consists of STATE_CODE and project-level SHRP_ID, e.g., 320200, where 32 is STATE_CODE and 0200 is project-level SHRP_ID.
WEATHER_STATION_ID		VARCHAR2(7)	For a weather station located in the United States, code consists of two-character State abbreviation, one zero, and four-digit cooperative network index number from National Climatic Data Center, e.g., NV02573; for weather station in Canada, code consists of seven characters, e.g., 4057120.
DISTANCE	m	NUMBER(6,0)	distance between weather station and test site
ELEVATION_DIFF	m	NUMBER(4,0)	difference in elevation between weather station and test site
BEARING_TO_SITE	degree	NUMBER(3,0)	weather station's bearing to test site
RECORD_STATUS		VARCHAR2(1)	

**CLM\_OWS\_LOCATION:** Location information for weather station identified by National Climatic Data Center and Canadian Climatic Center.

Field Name	Units	Format	Data Dictionary Description
WEATHER_STATION_ID		VARCHAR2(7)	For a weather station located in the United States, code consists of two-character State abbreviation, one zero, and four-digit cooperative network index number from National Climatic Data Center, e.g., NV02573; for weather station in Canada, code consists of seven characters, e.g., 405712.
WS_TYPE		VARCHAR2(1)	type of weather station (F=First Order, C=Cooperative)
WS_NAME		VARCHAR2(24)	name used to identify weather station
LATITUDE_DIRECTION		VARCHAR2(1)	latitude direction used (in conjunction with LATITUDE_DEG, LATITUDE_MIN, and LATITUDE_SEC) to identify location of weather station
LATITUDE_DEG	degree	NUMBER(2,0)	latitude degree used (in conjunction with LATITUDE_DEG, LATITUDE_MIN, and LATITUDE_SEC) to identify location of weather station
LATITUDE_MIN	min	NUMBER(2,0)	latitude minute used (in conjunction with LATITUDE_DEG, LATITUDE_MIN, and LATITUDE_SEC) to identify location of weather station
LATITUDE_SEC	sec	NUMBER(2,0)	latitude second used (in conjunction with LATITUDE_DEG, LATITUDE_MIN, and LATITUDE_SEC) to identify location of weather station
LONGITUDE_DIRECTION		VARCHAR2(1)	longitude direction used (in conjunction with LONGITUDE_DEG, LONGITUDE_MIN, and LONGITUDE_SEC) to identify location of weather station
LONGITUDE_DEG	degree	NUMBER(3,0)	longitude degree used (in conjunction with LONGITUDE_DEG, LONGITUDE_MIN, and LONGITUDE_SEC) to identify location of weather station
LONGITUDE_MIN	min	NUMBER(2,0)	longitude minute used (in conjunction with LONGITUDE_DEG, LONGITUDE_MIN, and LONGITUDE_SEC) to identify location of weather station
LONGITUDE_SEC	sec	NUMBER(2,0)	longitude second used (in conjunction with LONGITUDE_DEG, LONGITUDE_MIN, and LONGITUDE_SEC) to identify location of weather station
ELEVATION	m	NUMBER(4,0)	elevation of weather station
START_YEAR		NUMBER(4,0)	start year (depending on test site's age) when weather station data were extracted
END_YEAR		NUMBER(4,0)	end year (depending on test site's age) when weather station data were extracted
RECORD_STATUS		VARCHAR2(1)	

**CLM\_VWS\_TEMP\_MONTH:** Virtual weather station monthly air temperature statistics and calculated parameters. The fields in this table are populated only when data for 24 or more days are available for a given month.

Field Name	Units	Format	Data Dictionary Description
VWS_ID		VARCHAR2(6)	Code that uniquely identifies virtual weather station. For GPS, code consists of STATE_CODE and SHRP_ID, e.g., 321020, where 32 is STATE_CODE and 1020 is SHRP_ID; for SPS, code consists of STATE_CODE and project-level SHRP_ID, e.g., 320200, where 32 is STATE_CODE and 0200 is project-level SHRP_ID.
YEAR		NUMBER(4,0)	year for which VWS data were computed
MONTH		NUMBER(2,0)	month for which VWS data were computed
MEAN_MON_TEMP_AVG	°C	NUMBER(3,1)	average of daily mean air temperatures for month
MEAN_MON_TEMP_STDEV	°C	NUMBER(3,1)	standard deviation of daily mean air temperatures for month
MEAN_MON_TEMP_DAYS		NUMBER(2,0)	number of days for which mean air temperature data were available for month
MAX_MON_TEMP_AVG	°C	NUMBER(3,1)	average of daily maximum air temperatures for month
MAX_MON_TEMP_STDEV	°C	NUMBER(3,1)	standard deviation of daily maximum air temperatures for month
MAX_MON_TEMP_DAYS		NUMBER(2,0)	number of days for which maximum air temperature data were available for month
MIN_MON_TEMP_AVG	°C	NUMBER(3,1)	average of daily minimum air temperatures for month
MIN_MON_TEMP_STDEV	°C	NUMBER(3,1)	standard deviation of daily minimum air temperatures for month
MIN_MON_TEMP_DAYS		NUMBER(2,0)	number of days for which minimum air temperature data were available for month
MAX_MON_TEMP	°C	NUMBER(3,1)	absolute maximum air temperature for month
MIN_MON_TEMP	°C	NUMBER(3,1)	absolute minimum air temperature for month
DAYS_ABOVE_32_C_MONTH		NUMBER(2,0)	number of days where daily maximum air temperature is above 32.2°C for month
DAYS_BELOW_0_C_MONTH		NUMBER(2,0)	number of days where daily minimum air temperature is below 0°C for month
FREEZE_INDEX_MONTH	°C-Days	NUMBER(3,0)	calculated freezing index for month
FREEZE_INDEX_DAYS_MONTH		NUMBER(2,0)	number of days for which air temperature data were available for computing freezing index for month
FREEZE_THAW_MONTH		NUMBER(2,0)	number of freeze-thaw cycles for month
FREEZE_THAW_DAYS_MONTH		NUMBER(2,0)	number of days for which air temperature data were available for computing freeze-thaw cycles for month
MAX CONTRIBUTE WS NO		NUMBER(1,0)	maximum number of weather stations with information for any given parameter for month
RECORD_STATUS		VARCHAR2(1)	

**CLM\_VWS\_HUMIDITY\_MONTH:** Virtual weather station monthly humidity statistics and calculated parameters. The fields in this table are populated only when data for 24 or more days are available for a given month.

Field Name	Units	Format	Data Dictionary Description
VWS_ID		VARCHAR2(6)	Code that uniquely identifies virtual weather station. For GPS, code consists of STATE_CODE and SHRP_ID, e.g., 321020, where 32 is STATE_CODE and 1020 is SHRP_ID; for SPS, code consists of STATE_CODE and project-level SHRP_ID, e.g., 320200, where 32 is STATE_CODE and 0200 is project-level SHRP_ID.
YEAR		NUMBER(4,0)	year for which VWS data were computed
MONTH		NUMBER(2,0)	month for which VWS data were computed
MAX_MON_HUM_AVG	%	NUMBER(3,0)	average of daily maximum relative humidity for month
MAX_MON_HUM_STDEV	%	NUMBER(3,0)	standard deviation of daily maximum relative humidity for month
MAX_MON_HUM_DAYS		NUMBER(2,0)	number of days for which maximum humidity data were available for month
MIN_MON_HUM_AVG	%	NUMBER(3,0)	average of daily minimum relative humidity for month
MIN_MON_HUM_STDEV	%	NUMBER(3,0)	standard deviation of daily minimum relative humidity for month
MIN_MON_HUM_DAYS		NUMBER(2,0)	number of days for which minimum humidity data were available for month
MAX_CONTRIBUTE_WS_NO		NUMBER(1,0)	maximum number of weather stations with information for any given parameter for month
RECORD_STATUS		VARCHAR2(1)	

**CLM\_VWS\_PRECIP\_MONTH:** Virtual weather station monthly precipitation statistics and calculated parameters. The fields in this table are populated only when data for 24 or more days are available for a given month.

Field Name	Units	Format	Data Dictionary Description
VWS_ID		VARCHAR2(6)	Code that uniquely identifies virtual weather station. For GPS, code consists of STATE_CODE and SHRP_ID, e.g., 321020, where 32 is STATE_CODE and 1020 is SHRP_ID; for SPS, code consists of STATE_CODE and project-level SHRP_ID, e.g., 320200, where 32 is STATE_CODE and 0200 is project-level SHRP_ID.
YEAR		NUMBER(4,0)	year for which VWS data were computed
MONTH		NUMBER(2,0)	month for which VWS data were computed
TOTAL_MON_PRECIP	mm	NUMBER(5,1)	total precipitation for month
INTENSE_PRECIP_DAYS_MONTH		NUMBER(2,0)	number of days for which precipitation was greater than 12.7 mm for month
WET_DAYS_MONTH		NUMBER(2,0)	number of days for which precipitation was greater than 0.25 mm for month
NUM_MON_PRECIP_DAYS		NUMBER(2,0)	number of days for which precipitation data were available for month
TOTAL_SNOWFALL_MONTH	mm	NUMBER(4,0)	total snowfall for month
MAX_CONTRIBUTE_WS_NO		NUMBER(1,0)	maximum number of weather stations with information for any given parameter for month
RECORD_STATUS		VARCHAR2(1)	

**CLM\_VWS\_WIND\_MONTH:** Virtual weather station monthly wind speed statistics and calculated parameters. The fields in this table are populated only when data for 24 or more days are available for a given month.

Field Name	Units	Format	Data Dictionary Description
VWS_ID		VARCHAR2(6)	Code that uniquely identifies virtual weather station. For GPS, code consists of STATE_CODE and SHRP_ID, e.g., 321020, where 32 is STATE_CODE and 1020 is SHRP_ID; for SPS, code consists of STATE_CODE and project-level SHRP_ID, e.g., 320200, where 32 is STATE_CODE and 0200 is project-level SHRP_ID.
YEAR		NUMBER(4,0)	year for which VWS data were computed
MONTH		NUMBER(2,0)	month for which VWS data were computed
MEAN_MON_WIND_AVG	m/s	NUMBER(3,1)	average of daily mean wind speed for month
MEAN_MON_WIND_DAYS		NUMBER(2,0)	number of days for which mean wind speed data were available for month
MAX_MON_WIND_SPD	m/s	NUMBER(3,1)	maximum gust wind speed for month
MAX_MON_WIND_DAYS		NUMBER(2,0)	number of days for which maximum wind speed data were available for month
MAX_CONTRIBUTE_WS_NO		NUMBER(1,0)	maximum number of weather stations with information for any given parameter for month
RECORD_STATUS		VARCHAR2(1)	

**CLM\_VWS\_TEMP\_ANNUAL:** Virtual weather station yearly air temperature statistics and calculated parameters. The fields in this table are populated only when data for 300 or more days are available for a given year.

Field Name	Units	Format	Data Dictionary Description
VWS_ID		VARCHAR2(6)	Code that uniquely identifies virtual weather station. For GPS, code consists of STATE_CODE and SHRP_ID, e.g., 321020, where 32 is STATE_CODE and 1020 is SHRP_ID; for SPS, code consists of STATE_CODE and project-level SHRP_ID, e.g., 320200, where 32 is STATE_CODE and 0200 is project-level SHRP_ID.
YEAR		NUMBER(4,0)	year for which VWS data were computed
MEAN_ANN_TEMP_AVG	°C	NUMBER(3,1)	average of daily mean air temperatures for year
MEAN_ANN_TEMP_DAYS		NUMBER(3,0)	number of days for which mean temperatures data were available for year
MAX_ANN_TEMP_AVG	°C	NUMBER(3,1)	average of daily maximum air temperatures for year
MAX_ANN_TEMP_DAYS		NUMBER(3,0)	number of days for which maximum air temperature data were available for year
MIN_ANN_TEMP_AVG	°C	NUMBER(3,1)	average of daily minimum air temperatures for year
MIN_ANN_TEMP_DAYS		NUMBER(3,0)	number of days for which minimum air temperature data were available for year
MAX_ANN_TEMP	°C	NUMBER(3,1)	absolute maximum air temperature for year
MIN_ANN_TEMP	°C	NUMBER(3,1)	absolute minimum air temperature for year
DAYS_ABOVE_32_C_YR		NUMBER(3,0)	number of days where daily maximum air temperature is above 32.2°C for year
DAYS_BELOW_0_C_YR		NUMBER(3,0)	number of days where daily maximum air temperature is below 0°C for year
FREEZE_INDEX_YR	°C-Days	NUMBER(4,0)	calculated freezing index for year
FREEZE_INDEX_DAYS_YR		NUMBER(3,0)	number of days for which air temperature data were available for computing freezing index for year
FREEZE_THAW_YR		NUMBER(3,0)	number of freeze-thaw cycles for year
FREEZE_THAW_DAYS_YR		NUMBER(3,0)	number of days for which air temperature data were available for computing freeze-thaw cycles for year
MAX_CONTRIBUTE_WS_NO		NUMBER(1,0)	maximum number of weather stations with information for any given parameter for year
RECORD_STATUS		VARCHAR2(1)	

**CLM\_VWS\_HUMIDITY\_ANNUAL:** Virtual weather station yearly humidity statistics and calculated parameters. The fields in this table are populated only when data for 300 or more days are available for a given year.

Field Name	Units	Format	Data Dictionary Description
VWS_ID		VARCHAR2(6)	Code that uniquely identifies virtual weather station. For GPS, code consists of STATE_CODE and SHRP_ID, e.g., 321020, where 32 is STATE_CODE and 1020 is SHRP_ID; for SPS, code consists of STATE_CODE and project-level SHRP_ID, e.g., 320200, where 32 is STATE_CODE and 0200 is project-level SHRP_ID.
YEAR		NUMBER(4,0)	year for which VWS data were computed
MAX_ANN_HUM_AVG	%	NUMBER(3,0)	average of daily maximum relative humidity for year
MAX_ANN_HUM_DAYS		NUMBER(3,0)	number of days for which maximum humidity data were available for year
MIN_ANN_HUM_AVG	%	NUMBER(3,0)	average of daily minimum relative humidity for year
MIN_ANN_HUM_DAYS		NUMBER(3,0)	number of days for which minimum humidity data were available for year
MAX_CONTRIBUTE_WS_NO		NUMBER(1,0)	maximum number of weather stations with information for any given parameter for year
RECORD_STATUS		VARCHAR2(1)	

**CLM\_VWS\_PRECIP\_ANNUAL:** Virtual weather station yearly precipitation statistics and calculated parameters. The fields in this table are populated only when data for 300 or more days are available for a given year.

Field Name	Units	Format	Data Dictionary Description
VWS_ID		VARCHAR2(6)	Code that uniquely identifies virtual weather station. For GPS, code consists of STATE_CODE and SHRP_ID, e.g., 321020, where 32 is STATE_CODE and 1020 is SHRP_ID; for SPS, code consists of STATE_CODE and project-level SHRP_ID, e.g., 320200, where 32 is STATE_CODE and 0200 is project-level SHRP_ID.
YEAR		NUMBER(4,0)	year for which VWS data were computed
TOTAL_ANN_PRECIP	mm	NUMBER(5,1)	total precipitation for year
INTENSE_PRECIP_DAYS_YR		NUMBER(3,0)	number of days for which precipitation was greater than 12.7 mm for year
WET_DAYS_YR		NUMBER(3,0)	number of days for which precipitation was greater than 0.25 mm for year
NUM_ANN_PRECIP_DAYS		NUMBER(3,0)	number of days for which precipitation data were available for year
TOTAL_SNOWFALL_YR	mm	NUMBER(5,0)	total snowfall for year
NUM_SNOWFALL_DAYS_YR		NUMBER(3,0)	number of days for which snowfall data were available for year
SNOW_COVERED_DAYS_YR		NUMBER(3,0)	number of days for which snow-covered data were available for year
MAX_CONTRIBUTE_WS_NO		NUMBER(1,0)	maximum number of weather stations with information for any given parameter for year
RECORD_STATUS		VARCHAR2(1)	

**CLM\_VWS\_WIND\_ANNUAL:** Virtual weather station yearly wind speed statistics and calculated parameters. The fields in this table are populated only when data for 300 or more days are available for a given year.

Field Name	Units	Format	Data Dictionary Description
VWS_ID		VARCHAR2(6)	Code that uniquely identifies virtual weather station. For GPS, code consists of STATE_CODE and SHRP_ID, e.g., 321020, where 32 is STATE_CODE and 1020 is SHRP_ID; for SPS, code consists of STATE_CODE and project-level SHRP_ID, e.g., 320200, where 32 is STATE_CODE and 0200 is project-level SHRP_ID.
YEAR		NUMBER(4,0)	year for which VWS data were computed
MEAN_ANN_WIND_AVG	m/s	NUMBER(3,1)	average of daily mean wind speed for year
MEAN_ANN_WIND_DAYS		NUMBER(3,0)	number of days for which mean wind speed data were available for year
MAX_ANN_WIND_SPD	m/s	NUMBER(3,1)	maximum gust wind speed for year
MAX_ANN_WIND_DAYS		NUMBER(3,0)	number of days for which maximum wind speed data were available for year
MAX_CONTRIBUTE_WS_NO		NUMBER(1,0)	maximum number of weather stations with information for any given parameter for year
RECORD_STATUS		VARCHAR2(1)	

## **APPENDIX B. SCHEMA FOR VIRTUAL DAILY DATA AND OPERATING WEATHER STATION DATA**

This appendix contains schema for tables for storage of daily virtual data and data collected from weather stations. These data are to be stored off-line on CD-ROMs. Daily Data for VWS and OWS:

- ***CLM\_VWS\_DATA\_DAILY***
- ***CLM\_OWS\_DATA\_DAILY***

Monthly Data for OWS:

- ***CLM\_OWS\_TEMP\_MONTH***
- ***CLM\_OWS\_HUMIDITY\_MONTH***
- ***CLM\_OWS\_PRECIP\_MONTH***
- ***CLM\_OWS\_WIND\_MONTH***

Annual Data for OWS:

- ***CLM\_OWS\_TEMP\_ANNUAL***
- ***CLM\_OWS\_HUMIDITY\_ANNUAL***
- ***CLM\_OWS\_PRECIP\_ANNUAL***
- ***CLM\_OWS\_WIND\_ANNUAL***

Note: Field WEATHER\_STATION\_ID in various tables of this appendix is defined as code that uniquely identifies weather station. For weather stations located in the United States, code consists of two-character State abbreviation, one zero, and four-digit cooperative network index number from National Climatic Data Center (NCDC), e.g., NV02573; for weather stations located in Canada, code consists of seven characters, e.g., 4057120.

**CLM\_VWS\_DATA\_DAILY:** Virtual weather station daily data computed from daily operating weather station data.

Field Name	Units	Format	Data Dictionary Description
VWS_ID		VARCHAR2(6)	Code that uniquely identifies virtual weather station. For GPS, code consists of STATE_CODE and SHRP_ID, e.g., 321020, where 32 is STATE_CODE and 1020 is SHRP_ID; for SPS, code consists of STATE_CODE and project-level SHRP_ID, e.g., 320200, where 32 is STATE_CODE and 0200 is project-level SHRP_ID.
VWS_DATE		DATE	date for which virtual daily data were computed from operating weather station data
MEAN_DAY_TEMP	°C	NUMBER(3,1)	daily mean air temperature
MAX_DAY_TEMP	°C	NUMBER(3,1)	daily maximum air temperature
MIN_DAY_TEMP	°C	NUMBER(3,1)	daily minimum air temperature
MAX_DAY_HUM	%	NUMBER(3,0)	daily maximum relative humidity
MIN_DAY_HUM	%	NUMBER(3,0)	daily minimum relative humidity
DAY_PRECIPITATION	mm	NUMBER(5,1)	daily precipitation
DAY_SNOWFALL	mm	NUMBER(4,0)	daily snowfall
MEAN_DAY_WIND_SPD	m/s	NUMBER(3,1)	daily mean wind speed
MAX_DAY_WIND_SPD	m/s	NUMBER(3,1)	maximum gust wind speed for day
CONTRIBUTE_WS_NO		NUMBER(1,0)	maximum number of weather stations with information for any given parameter for day

**CLM\_OWS\_DATA\_DAILY:** Daily data collected from weather station identified by National Climatic Data Center and Canadian Climatic Center.

Field Name	Units	Format	Data Dictionary Description
WEATHER_STATION_ID		VARCHAR2(7)	For weather station located in the United States, code consists of two-character State abbreviation, one zero, and four-digit cooperative network index number from National Climatic Data Center, e.g., NV02573; for weather station in Canada, code consists of seven characters, e.g., 4057120.
WS_DATE		DATE	date when weather station data were collected
MEAN_DAY_TEMP	°C	NUMBER(3,1)	daily mean air temperature
MAX_DAY_TEMP	°C	NUMBER(3,1)	daily maximum air temperature
MIN_DAY_TEMP	°C	NUMBER(3,1)	daily minimum air temperature
MAX_DAY_HUM	%	NUMBER(3,0)	daily maximum relative humidity
MIN_DAY_HUM	%	NUMBER(3,0)	daily minimum relative humidity
DAY_PRECIPITATION	mm	NUMBER(5,1)	daily precipitation
DAY_SNOWFALL	mm	NUMBER(4,0)	daily snowfall
MEAN_DAY_WIND_SPD	m/s	NUMBER(3,1)	daily mean wind speed
MAX_DAY_WIND_SPD	m/s	NUMBER(3,1)	maximum gust wind speed for day

**CLM\_OWS\_TEMP\_MONTH:** Operating weather station monthly air temperature statistics and calculated parameters. The fields in this table are populated only when data for 24 or more days are available for a given month.

Field Name	Units	Format	Data Dictionary Description
WEATHER_STATION_ID		VARCHAR2(7)	For weather station located in the United States, code consists of two-character State abbreviation, one zero, and four-digit cooperative network index number from National Climatic Data Center, e.g., NV02573; for weather station in Canada, code consists of seven characters, e.g., 4057120.
YEAR		NUMBER(4,0)	year when weather station data were collected
MONTH		NUMBER(2,0)	month when weather station data were collected
MEAN_MON_TEMP_AVG	°C	NUMBER(3,1)	average of daily mean air temperatures for month
MEAN_MON_TEMP_STDEV	°C	NUMBER(3,1)	standard deviation of daily mean air temperatures for month
MEAN_MON_TEMP_DAYS		NUMBER(2,0)	number of days for which mean air temperature data were collected for month
MAX_MON_TEMP_AVG	°C	NUMBER(3,1)	average of daily maximum air temperatures for month
MAX_MON_TEMP_STDEV	°C	NUMBER(3,1)	standard deviation of daily maximum air temperatures for month
MAX_MON_TEMP_DAYS		NUMBER(2,0)	number of days for which maximum air temperature data were collected for month
MIN_MON_TEMP_AVG	°C	NUMBER(3,1)	average of daily minimum air temperatures for month
MIN_MON_TEMP_STDEV	°C	NUMBER(3,1)	standard deviation of daily minimum air temperatures for month
MIN_MON_TEMP_DAYS		NUMBER(2,0)	number of days for which minimum air temperature data were collected for month
MAX_MON_TEMP	°C	NUMBER(3,1)	absolute maximum air temperature for month
MIN_MON_TEMP	°C	NUMBER(3,1)	absolute minimum air temperature for month
DAYS_ABOVE_32_C_MONTH		NUMBER(2,0)	number of days where daily maximum air temperature is above 32.2°C for month
DAYS_BELOW_0_C_MONTH		NUMBER(2,0)	number of days where daily minimum air temperature is below 0°C for month
FREEZE_INDEX_MONTH	°C-Days	NUMBER(3,0)	calculated freezing index for month
FREEZE_INDEX_DAYS_MONTH		NUMBER(2,0)	number of days for which air temperature data were available for computing freezing index for month
FREEZE_THAW_MONTH		NUMBER(2,0)	number of freeze-thaw cycles for month
FREEZE_THAW_DAYS_MONTH		NUMBER(2,0)	number of days for which air temperature data were available for computing freeze-thaw cycles for month

**CLM\_OWS\_HUMIDITY\_MONTH:** Operating weather station monthly humidity statistics and calculated parameters. The fields in this table are populated only when data for 24 or more days are available for a given month.

Field Name	Units	Format	Data Dictionary Description
WEATHER_STATION_ID		VARCHAR2(7)	For weather station located in the United States, code consists of two-character State abbreviation, one zero, and four-digit cooperative network index number from National Climatic Data Center, e.g., NV02573; for weather station in Canada, code consists of seven characters, e.g., 4057120.
YEAR		NUMBER(4,0)	year when weather station data were collected
MONTH		NUMBER(2,0)	month when weather station data were collected
MAX_MON_HUM_AVG	%	NUMBER(3,0)	average of daily maximum relative humidity for month
MAX_MON_HUM_STDEV	%	NUMBER(3,0)	standard deviation of daily maximum relative humidity for month
MAX_MON_HUM_DAYS		NUMBER(2,0)	number of days for which maximum humidity data were collected for month
MIN_MON_HUM_AVG	%	NUMBER(3,0)	average of daily minimum relative humidity for month
MIN_MON_HUM_STDEV	%	NUMBER(3,0)	standard deviation of daily minimum relative humidity for month
MIN_MON_HUM_DAYS		NUMBER(2,0)	number of days for which minimum humidity data were collected for month

**CLM\_OWS\_PRECIP\_MONTH:** Operating weather station monthly precipitation statistics and calculated parameters. The fields in this table are populated only when data for 24 or more days are available for a given month.

Field Name	Units	Format	Data Dictionary Description
WEATHER_STATION_ID		VARCHAR2(7)	For weather station located in the United States, code consists of two-character State abbreviation, one zero, and four-digit cooperative network index number from National Climatic Data Center, e.g., NV02573; for weather station in Canada, code consists of seven characters, e.g., 4057120.
YEAR		NUMBER(4,0)	year when weather station data were collected
MONTH		NUMBER(2,0)	month when weather station data were collected
TOTAL_MON_PRECIP	mm	NUMBER(5,1)	total precipitation for month
INTENSE_PRECIP_DAYS_MONTH		NUMBER(2,0)	number of days for which precipitation was greater than 12.7 mm for month
WET_DAYS_MONTH		NUMBER(2,0)	number of days for which precipitation was greater than 0.25 mm for month
NUM_MON_PRECIP_DAYS		NUMBER(2,0)	number of days for which precipitation data were collected for month
TOTAL_SNOWFALL_MONTH	mm	NUMBER(4,0)	total snowfall for month

**CLM\_OWS\_WIND\_MONTH:** Operating weather station monthly wind speed statistics and calculated parameters. The fields in this table are populated only when data for 24 or more days are available for a given month.

Field Name	Units	Format	Data Dictionary Description
WEATHER_STATION_ID		VARCHAR2(7)	For weather station located in the United States, code consists of two-character State abbreviation, one zero, and four-digit cooperative network index number from National Climatic Data Center, e.g., NV02573; for weather station in Canada, code consists of seven characters, e.g., 4057120.
YEAR		NUMBER(4,0)	year when weather station data were collected
MONTH		NUMBER(2,0)	month when weather station data were collected
MEAN_MON_WIND_AVG	m/s	NUMBER(3,1)	average of daily mean wind speed for month
MEAN_MON_WIND_DAYS		NUMBER(2,0)	number of days for which mean wind speed data were collected for month
MAX_MON_WIND_SPD	m/s	NUMBER(3,1)	maximum gust wind speed for month
MAX_MON_WIND_DAYS		NUMBER(2,0)	number of days for which maximum wind speed data were collected for month

**CLM\_OWS\_TEMP\_ANNUAL:** Operating weather station yearly air temperature statistics and calculated parameters. The fields in this table are populated only when data for 300 or more days are available for a given year.

Field Name	Units	Format	Data Dictionary Description
WEATHER_STATION_ID		VARCHAR2(7)	For weather station located in the United States, code consists of two-character State abbreviation, one zero, and four-digit cooperative network index number from National Climatic Data Center, e.g., NV02573; for weather station in Canada, code consists of seven characters, e.g., 4057120.
YEAR		NUMBER(4,0)	year when weather station data were collected
MEAN_ANN_TEMP_AVG	°C	NUMBER(3,1)	average of daily mean air temperatures for year
MEAN_ANN_TEMP_DAYS		NUMBER(3,0)	number of days for which mean air temperature data were collected for year
MAX_ANN_TEMP_AVG	°C	NUMBER(3,1)	average of daily maximum air temperatures for year
MAX_ANN_TEMP_DAYS		NUMBER(3,0)	number of days for which maximum air temperature data were collected for year
MIN_ANN_TEMP_AVG	°C	NUMBER(3,1)	average of daily minimum air temperatures for year
MIN_ANN_TEMP_DAYS		NUMBER(3,0)	number of days for which minimum air temperature data were collected for year
MAX_ANN_TEMP	°C	NUMBER(3,1)	absolute maximum air temperature for year
MIN_ANN_TEMP	°C	NUMBER(3,1)	absolute minimum air temperature for year
DAYS_ABOVE_32_C_YR		NUMBER(3,0)	number of days where daily maximum air temperature is above 32.2°C for year
DAYS_BELOW_0_C_YR		NUMBER(3,0)	number of days where daily minimum air temperature is below 0°C for year
FREEZE_INDEX_YR	°C-Days	NUMBER(4,0)	calculated freezing index for year
FREEZE_INDEX_DAYS_YR		NUMBER(3,0)	number of days for which air temperature data were available for computing freezing index for year
FREEZE_THAW_YR		NUMBER(3,0)	number of freeze-thaw cycles for year
FREEZE_THAW_DAYS_YR		NUMBER(3,0)	number of days for which air temperature data were available for computing freeze-thaw cycles for year

**CLM\_OWS\_HUMIDITY\_ANNUAL:** Operating weather station yearly humidity statistics and calculated parameters. The fields in this table are populated only when data for 300 or more days are available for a given year.

Field Name	Units	Format	Data Dictionary Description
WEATHER_STATION_ID		VARCHAR2(7)	For weather station located in the United States, code consists of two-character State abbreviation, one zero, and four-digit cooperative network index number from National Climatic Data Center, e.g., NV02573; for weather station in Canada, code consists of seven characters, e.g., 4057120.
YEAR		NUMBER(4,0)	year when weather station data were collected
MAX_ANN_HUM_AVG	%	NUMBER(3,0)	average of daily maximum relative humidity for year
MAX_ANN_HUM_DAYS		NUMBER(3,0)	number of days for which maximum humidity data were collected for year
MIN_ANN_HUM_AVG	%	NUMBER(3,0)	average of daily minimum relative humidity for year
MIN_ANN_HUM_DAYS		NUMBER(3,0)	number of days for which minimum humidity data were collected for year

**CLM\_OWS\_PRECIP\_ANNUAL:** Operating weather station yearly precipitation statistics and calculated parameters. The fields in this table are populated only when data for 300 or more days are available for a given year.

Field Name	Units	Format	Data Dictionary Description
WEATHER_STATION_ID		VARCHAR2(7)	For weather station located in the United States, code consists of two-character State abbreviation, one zero, and four-digit cooperative network index number from National Climatic Data Center, e.g., NV02573; for weather station in Canada, code consists of seven characters, e.g., 4057120
YEAR		NUMBER(4,0)	year when weather station data were collected
TOTAL_ANN_PRECIP	mm	NUMBER(5,1)	total precipitation for year
INTENSE_PRECIP_DAYS_YR		NUMBER(3,0)	number of days for which precipitation was greater than 12.7 mm for year
WET_DAYS_YR		NUMBER(3,0)	number of days for which precipitation was greater than 0.25 mm for year
NUM_ANN_PRECIP_DAYS		NUMBER(3,0)	number of days for which precipitation data were collected for year
TOTAL_SNOWFALL_YR	mm	NUMBER(5,0)	total snowfall for year
NUM_SNOWFALL_DAYS_YR		NUMBER(3,0)	number of days for which snowfall data were collected for year
SNOW_COVERED_DAYS_YR		NUMBER(3,0)	number of days for which snow-covered data were collected for year

**CLM\_OWS\_WIND\_ANNUAL:** Operating weather station yearly wind speed statistics and calculated parameters. The fields in this table are populated only when data for 300 or more days are available for a given year.

Field Name	Units	Format	Data Dictionary Description
WEATHER_STATION_ID		VARCHAR2(7)	For weather station located in the United States, code consists of two-character State abbreviation, one zero, and four-digit cooperative network index number from National Climatic Data Center, e.g., NV02573; for weather station in Canada, code consists of seven characters, e.g., 4057120.
YEAR		NUMBER(4,0)	year when weather station data were collected
MEAN_ANN_WIND_AVG	m/s	NUMBER(3,1)	average of daily mean wind speed for year
MEAN_ANN_WIND_DAYS		NUMBER(3,0)	number of days for which mean wind speed data were collected for year
MAX_ANN_WIND_SPD	m/s	NUMBER(3,1)	maximum gust wind speed for year
MAX_ANN_WIND_DAYS		NUMBER(3,0)	number of days for which maximum wind speed data were collected for year

## **APPENDIX C. LIST OF WEATHER STATIONS**

Region	State	SHRP ID	SPS-GPS Link	FC	Weather Station Code	Selection Comment	WS ID	Coverage		Test Section Data						Weather Station Name	
								Period		Latitude			Longitude			Elev (ft)	
								Start	End	Dir	Deg	Min	Sec	Dir	Deg	Min	
NC	17	0600		F	FIRST O.	SELECTED	IL007150	1980	1997 N	39	56	17 W	88	18	22	694	RANTOUL
NC	17	0600		C	ACTIVE	SELECTED	IL008684	1980	1997 N	39	56	17 W	88	18	22	694	TUSCOLA
NC	17	0600		C	REGULAR1	SELECTED	IL008740	1980	1997 N	39	56	17 W	88	18	22	694	URBANA
NC	17	0600		C	REGULAR2	SELECTED	IL002993	1980	1997 N	39	56	17 W	88	18	22	694	FARMER CITY
NC	17	0600		C	REGULAR3	SELECTED	IL001436	1980	1997 N	39	56	17 W	88	18	22	694	CHARLESTON
NC	17	1002	B300	F	FIRST O.	SELECTED	IL007382	1980	1997 N	42	19	25 W	89	36	26	797	ROCKFORD WSO AP
NC	17	1002	B300	C	ACTIVE	SELECTED	IL003262	1980	1997 N	42	19	25 W	89	36	26	797	FREEPORT WASTE WTR P
NC	17	1002	B300	C	REGULAR1	SELECTED	IL008293	1980	1997 N	42	19	25 W	89	36	26	797	STOCKTON 3 NNE
NC	17	1002	B300	C	REGULAR2	SELECTED	W1001078	1980	1997 N	42	19	25 W	89	36	26	797	BRODHEAD
NC	17	1002	B300	C	REGULAR3	SELECTED	IL005901	1980	1997 N	42	19	25 W	89	36	26	797	MOUNT CARROLL
NC	17	1003	A300	F	FIRST O.	SELECTED	IL000510	1980	1997 N	38	36	56 W	89	38	5	467	BELLEVILLE SIU RESEA
NC	17	1003	A300	C	ACTIVE	SELECTED	IL001290	1980	1997 N	38	36	56 W	89	38	5	467	CARLYLE RESERVOIR
NC	17	1003	A300	C	REGULAR1	SELECTED	IL006011	1980	1997 N	38	36	56 W	89	38	5	467	NASHVILLE 4 NE
NC	17	1003	A300	C	REGULAR2	SELECTED	MO007452	1980	1997 N	38	36	56 W	89	38	5	467	ST LOUIS SCIENCE CTR
NC	17	1003	A300	C	REGULAR3	SELECTED	IL001160	1980	1997 N	38	36	56 W	89	38	5	467	CAHOKIA
NC	17	4074		F	FIRST O.	SELECTED	IL007382	1980	1997 N	42	17	18 W	89	33	11	819	ROCKFORD WSO AP
NC	17	4074		C	ACTIVE	SELECTED	IL003262	1980	1997 N	42	17	18 W	89	33	11	819	FREEPORT WASTE WTR P
NC	17	4074		C	REGULAR1	SELECTED	IL008293	1980	1997 N	42	17	18 W	89	33	11	819	STOCKTON 3 NNE
NC	17	4074		C	REGULAR2	SELECTED	W1001078	1980	1997 N	42	17	18 W	89	33	11	819	BRODHEAD
NC	17	4074		C	REGULAR3	SELECTED	IL005901	1980	1997 N	42	17	18 W	89	33	11	819	MOUNT CARROLL
NC	17	4082		F	FIRST O.	SELECTED	IL007363	1980	1997 N	38	37	25 W	89	23	6	474	SALEM
NC	17	4082		C	ACTIVE	SELECTED	IL001290	1980	1997 N	38	37	25 W	89	23	6	474	CARLYLE RESERVOIR
NC	17	4082		C	REGULAR1	SELECTED	IL006011	1980	1997 N	38	37	25 W	89	23	6	474	NASHVILLE 4 NE
NC	17	4082		F	REGULAR2	SELECTED	IL000510	1980	1997 N	38	37	25 W	89	23	6	474	BELLEVILLE SIU RESEA
NC	17	4082		C	REGULAR3	SELECTED	IL008781	1980	1997 N	38	37	25 W	89	23	6	474	VANDALIA
NC	17	5020		F	FIRST O.	SELECTED	IL005010	1980	1997 N	38	37	18 W	89	30	53	459	BELLEVILLE SIU RESEA
NC	17	5020		C	ACTIVE	SELECTED	IL001290	1980	1997 N	38	37	18 W	89	30	53	459	CARLYLE RESERVOIR
NC	17	5020		C	REGULAR1	SELECTED	IL006011	1980	1997 N	38	37	18 W	89	30	53	459	NASHVILLE 4 NE
NC	17	5020		F	REGULAR2	SELECTED	IL007636	1980	1997 N	38	37	18 W	89	30	53	459	SALEM
NC	17	5020		C	REGULAR3	SELECTED	IL008781	1980	1997 N	38	37	18 W	89	30	53	459	VANDALIA
NC	17	5151		F	FIRST O.	SELECTED	IL005751	1966	1997 N	41	31	46 W	90	20	52	657	MOLINE WSO AP
NC	17	5151		C	ACTIVE	SELECTED	IA004705	1966	1997 N	41	31	46 W	90	20	52	657	LE CLAIRE L & D 14
NC	17	5151		F	REGULAR1	SELECTED	IA002069	1966	1997 N	41	31	46 W	90	20	52	657	DAVENPORT LOCK & DAM
NC	17	5151		C	REGULAR2	SELECTED	IL003384	1966	1997 N	41	31	46 W	90	20	52	657	GENESEO
NC	17	5151		C	REGULAR3	SELECTED	IA001635	1966	1997 N	41	31	46 W	90	20	52	657	CLINTON NO 1
NC	17	5217		F	FIRST O.	SELECTED	IL001475	1965	1997 N	40	26	16 W	89	0	3	830	CHENOA
NC	17	5217		C	ACTIVE	SELECTED	IL006200	1965	1997 N	40	26	16 W	89	0	3	830	NORMAL
NC	17	5217		C	REGULAR1	SELECTED	IL005712	1965	1997 N	40	33	11 W	89	6	23	830	MINONK
NC	17	5217		F	REGULAR2	SELECTED	IL006711	1965	1997 N	40	33	11 W	89	6	23	830	PEORIA WSO AIRPORT
NC	17	5217		C	REGULAR3	SELECTED	IL005079	1966	1997 N	40	33	11 W	89	6	23	830	LINCOLN
NC	17	5217		C	REGULAR1	SELECTED	IL005712	1965	1997 N	40	26	16 W	89	0	3	830	MINONK
NC	17	5423		F	FIRST O.	SELECTED	IL001475	1966	1997 N	40	33	11 W	89	6	23	830	CHENOA
NC	17	5423		C	ACTIVE	SELECTED	IL006200	1966	1997 N	40	33	11 W	89	6	23	830	NORMAL
NC	17	5423		C	REGULAR1	SELECTED	IL005712	1966	1997 N	40	33	11 W	89	6	23	830	MINONK
NC	17	5423		F	REGULAR2	SELECTED	IL006711	1966	1997 N	40	33	11 W	89	6	23	830	PEORIA WSO AIRPORT
NC	17	5423		C	REGULAR3	SELECTED	IL005079	1966	1997 N	40	33	11 W	89	6	23	830	LINCOLN
NC	17	5453		F	FIRST O.	SELECTED	IL005943	1968	1997 N	38	17	52 W	88	56	46	503	MT VERNON 3 NE
NC	17	5453		C	ACTIVE	SELECTED	IL006011	1968	1997 N	38	17	52 W	88	56	46	503	NASHVILLE 4 NE
NC	17	5453		F	REGULAR1	SELECTED	IL007636	1968	1997 N	38	17	52 W	88	56	46	503	SALEM
NC	17	5453		C	REGULAR2	SELECTED	IL002483	1968	1997 N	38	17	52 W	88	56	46	503	DU QUOIN 4 SE
NC	17	5453		C	REGULAR3	SELECTED	IL005515	1968	1997 N	38	17	52 W	88	56	46	503	MCLEANSBORO 2 ENE
NC	17	5843		F	FIRST O.	SELECTED	IL007382	1980	1997 N	42	2	26 W	89	1	25	780	ROCHELLE
NC	17	5843		C	ACTIVE	SELECTED	IL007354	1980	1997 N	42	2	26 W	89	1	25	780	DE KALB
NC	17	5843		C	REGULAR1	SELECTED	IL002223	1980	1997 N	42	2	26 W	89	1	25	780	PAW PAW 1 E
NC	17	5843		C	REGULAR2	SELECTED	IL006661	1980	1997 N	42	2	26 W	89	1	25	780	MARENGO
NC	17	5843		C	REGULAR3	SELECTED	IL005326	1980	1997 N	42	2	26 W	89	1	25	780	GIBSON CITY 1 E
NC	17	5849		F	FIRST O.	SELECTED	IL007150	1971	1997 N	40	23	39 W	88	7	56	765	RANTOUL
NC	17	5849		C	ACTIVE	SELECTED	IL003413	1971	1997 N	40	23	39 W	88	7	56	765	PRINCEVILLE
NC	17	5849		C	REGULAR1	SELECTED	IL008740	1971	1997 N	40	23	39 W	88	7	56	765	URBANA
NC	17	5849		C	REGULAR2	SELECTED	IL006819	1971	1997 N	40	23	39 W	88	7	56	765	PIPER CITY
NC	17	5849		C	REGULAR3	SELECTED	IL004198	1971	1997 N	40	23	39 W	88	7	56	765	HOOPESTON 1 NE
NC	17	5854		F	FIRST O.	SELECTED	IL006711	1970	1997 N	40	47	17 W	89	39	46	693	PEORIA WSO AIRPORT
NC	17	5854		C	ACTIVE	SELECTED	IL007004	1980	1997 N	40	47	17 W	89	39	46	693	PRINCEVILLE
NC	17	5854		C	REGULAR1	SELECTED	IL004805	1980	1997 N	40	47	17 W	89	39	46	693	LACON 1 N
NC	17	5854		C	REGULAR2	SELECTED	IL003335	1979	1997 N	40	46	27 W	89	40	26	669	GALVA
NC	17	5854		C	REGULAR3	SELECTED	IL003940	1979	1997 N	40	46	27 W	89	40	26	669	HAVANA 4 NNE
NC	17	5908		F	FIRST O.	SELECTED	IL005943	1970	1997 N	37	44	43 W	89	3	17	465	MT VERNON 3 NE
NC	17	5908		C	ACTIVE	SELECTED	IL001265	1970	1997 N	37	44	43 W	89	3	17	465	CARBONDALE SEWAGE PL
NC	17	5908		C	REGULAR1	SELECTED	IL005342	1970	1997 N	37	44	43 W	89	3	17	465	MARION 4 NNE
NC	17	5908		C	REGULAR2	SELECTED	IL002483	1970	1997 N	37	44	43 W	89	3	17	465	DU QUOIN 4 SE
NC	17	5908		C	REGULAR3	SELECTED	IL000187	1970	1997 N	37	44	43 W	89	3	17	465	ANNA 2 NNE
NC	17	6050		F	FIRST O.	SELECTED	IL000510	1959	1997 N	38	32	26 W	90	5	37	542	BELLEVILLE SIU RESEA
NC	17	6050		C	ACTIVE	SELECTED	IL001160	1959	1997 N	38	32	26 W	90	5	37	542	CAHOKIA
NC	17	6050		C	REGULAR1	SELECTED	IL009002	1959									

Region	State	SHRP ID	SPS-GPS Link	FC	Weather Station Code	Selection Comment	WS ID	Coverage		Test Section Data						Weather Station Name	
								Period		Latitude			Longitude			Elev (ft)	
								Start	End	Dir	Deg	Min	Sec	Dir	Deg	Min	Sec
NC	17	9327		C	REGULAR1	SELECTED	IL002993	1965	1997 N	40	26	20 W	89	0	14	830	FARMER CITY
NC	17	9327		C	REGULAR2	SELECTED	IL005079	1965	1997 N	40	26	20 W	89	0	14	830	LINCOLN
NC	17	9327		C	REGULAR3	SELECTED	IL005712	1965	1997 N	40	26	20 W	89	0	14	830	MINONK
NC	18	0600		F	FIRST O.	SELECTED	IN008187	1972	1997 N	41	10	43 W	86	14	58	730	SOUTH BEND WSO AP
NC	18	0600		C	ACTIVE	SELECTED	IN007482	1972	1997 N	41	10	43 W	86	14	58	730	ROCHESTER
NC	18	0600		C	REGULAR1	SELECTED	IN007028	1972	1997 N	41	10	43 W	86	14	58	730	PLYMOUTH POWER SUBST
NC	18	0600		C	REGULAR2	SELECTED	IN004550	1972	1997 N	41	10	43 W	86	14	58	730	KEWANNA 7 NW
NC	18	0600		C	REGULAR3	SELECTED	IN009670	1972	1997 N	41	10	43 W	86	14	58	730	WINAMAC 2 SSE
NC	18	0900		F	FIRST O.	SELECTED	IN009424	1980	1997 N	40	29	20 W	86	51	33	700	WEST LAFAYETTE FCWOS
NC	18	0900		C	ACTIVE	SELECTED	IN009430	1980	1997 N	40	29	20 W	86	51	33	700	WEST LAFAYETTE 6 NW
NC	18	0900		C	REGULAR1	SELECTED	IN004715	1980	1997 N	40	29	20 W	86	51	33	700	LAFAYETTE 5 S
NC	18	0900		C	REGULAR2	SELECTED	IN002149	1980	1997 N	40	29	20 W	86	51	33	700	DELPHI 3 S
NC	18	0900		C	REGULAR3	SELECTED	IN000331	1980	1997 N	40	29	20 W	86	51	33	700	ATTICA 2 E
NC	18	1028	A300	F	FIRST O.	SELECTED	IN002738	1975	1997 N	38	11	46 W	87	0	58	441	EVANSVILLE WSO AP
NC	18	1028	A300	C	ACTIVE	SELECTED	IN007724	1975	1997 N	38	11	46 W	87	0	58	441	SAINT MEINRAD
NC	18	1028	A300	C	REGULAR1	SELECTED	IN008352	1975	1997 N	38	11	46 W	87	0	58	441	SPURGEON
NC	18	1028	A300	C	REGULAR2	SELECTED	IN008698	1975	1997 N	38	11	46 W	87	0	58	441	TELL CITY
NC	18	1028	A300	C	REGULAR3	SELECTED	IN002309	1975	1997 N	38	11	46 W	87	0	58	441	DUBOIS S IND FORAGE
NC	18	1037		F	FIRST O.	SELECTED	IN002738	1980	1997 N	37	53	59 W	87	13	13	392	EVANSVILLE WSO AP
NC	18	1037		C	ACTIVE	SELECTED	KY006091	1980	1997 N	37	53	59 W	87	13	13	392	OWENSBORO 3 W
NC	18	1037		C	REGULAR1	SELECTED	IN002731	1980	1997 N	37	53	59 W	87	13	13	392	EVANSVILLE MUSEUM
NC	18	1037		C	REGULAR2	SELECTED	IN008352	1980	1997 N	37	53	59 W	87	13	13	392	SPURGEON
NC	18	1037		C	REGULAR3	SELECTED	KY003762	1980	1997 N	37	53	59 W	87	13	13	392	HENDERSON 7 SSW
NC	18	2008		F	FIRST O.	SELECTED	IN003037	1980	1997 N	40	56	44 W	85	3	28	793	FORT WAYNE WSO AP
NC	18	2008		C	ACTIVE	SELECTED	IN008030	1980	1997 N	40	56	44 W	85	3	28	793	BLUFFTON 1 N
NC	18	2008		C	REGULAR1	SELECTED	IN000676	1980	1997 N	40	56	44 W	85	3	28	793	BERNE
NC	18	2008		C	REGULAR2	SELECTED	IN004181	1980	1997 N	40	56	44 W	85	3	28	793	HUNTINGTON
NC	18	2008		C	REGULAR3	SELECTED	OH008609	1980	1997 N	40	56	44 W	85	3	28	793	VAN WERT 1 S
NC	18	2009		F	FIRST O.	SELECTED	IN004259	1980	1997 N	40	1	51 W	86	0	16	785	INDIANAPOLIS WSFO AP
NC	18	2009		C	ACTIVE	SELECTED	IN006506	1980	1997 N	40	1	51 W	86	0	16	785	OAKLANDON GEIST RESE
NC	18	2009		C	REGULAR1	SELECTED	IN009557	1980	1997 N	40	1	51 W	86	0	16	785	WHITESTOWN
NC	18	2009		C	REGULAR2	SELECTED	IN000177	1980	1997 N	40	1	51 W	86	0	16	785	ANDERSON SEWAGE PLAN
NC	18	2009		C	REGULAR3	SELECTED	IN002638	1980	1997 N	40	1	51 W	86	0	16	785	ELWOOD WASTEWATER PL
NC	18	3002		F	FIRST O.	SELECTED	IN009424	1976	1997 N	40	35	51 W	87	22	48	831	WEST LAFAYETTE FCWOS
NC	18	3002		C	ACTIVE	SELECTED	IN004527	1976	1997 N	40	35	51 W	87	22	48	831	KENTLAND
NC	18	3002		C	REGULAR1	SELECTED	IL004198	1976	1997 N	40	35	51 W	87	22	48	831	HOOPESTON 1 NE
NC	18	3002		C	REGULAR2	SELECTED	IN009430	1976	1997 N	40	35	51 W	87	22	48	831	WEST LAFAYETTE 6 NW
NC	18	3002		C	REGULAR3	SELECTED	IL009021	1976	1997 N	40	35	51 W	87	22	48	831	WATSEKA 2 NW
NC	18	3003		F	FIRST O.	SELECTED	IN008187	1975	1997 N	41	16	0 W	86	16	27	810	SOUTH BEND WSO AP
NC	18	3003		C	ACTIVE	SELECTED	IN007482	1975	1997 N	41	16	0 W	86	16	27	810	ROCHESTER
NC	18	3003		C	REGULAR1	SELECTED	IN007028	1975	1997 N	41	16	0 W	86	16	27	810	PLYMOUTH POWER SUBST
NC	18	3003		C	REGULAR2	SELECTED	IN004550	1975	1997 N	41	16	0 W	86	16	27	810	KEWANNA 7 NW
NC	18	3003		C	REGULAR3	SELECTED	IN009240	1975	1997 N	41	16	0 W	86	16	27	810	WARSAW
NC	18	3030		F	FIRST O.	SELECTED	IN006020	1980	1997 N	40	13	1 W	85	33	27	898	MUNCIE BALL STATE UN
NC	18	3030		C	ACTIVE	SELECTED	IN000177	1980	1997 N	40	13	1 W	85	33	27	898	ANDERSON SEWAGE PLAN
NC	18	3030		C	REGULAR1	SELECTED	IN002638	1980	1997 N	40	13	1 W	85	33	27	898	ELWOOD WASTEWATER PL
NC	18	3030		C	REGULAR2	SELECTED	IN006164	1980	1997 N	40	13	1 W	85	33	27	898	NEW CASTLE 4 N
NC	18	3030		C	REGULAR3	SELECTED	IN003777	1980	1997 N	40	13	1 W	85	33	27	898	HARTFORD CITY 4 ESE
NC	18	3031	A400	F	FIRST O.	SELECTED	IN002738	1977	1997 N	37	56	38 W	87	50	48	830	EVANSVILLE WSO AP
NC	18	3031	A400	C	ACTIVE	SELECTED	IN006001	1977	1997 N	37	56	38 W	87	50	48	830	MOUNT VERNON
NC	18	3031	A400	C	REGULAR1	SELECTED	IN002731	1977	1997 N	37	56	38 W	87	50	48	830	EVANSVILLE MUSEUM
NC	18	3031	A400	C	REGULAR2	SELECTED	KY003762	1977	1997 N	37	56	38 W	87	50	48	830	HENDERSON 7 SSW
NC	18	4021		F	FIRST O.	SELECTED	IN007125	1977	1997 N	39	57	56 W	86	9	44	855	INDIANAPOLIS WSFO AP
NC	18	4021		C	ACTIVE	SELECTED	IN004259	1975	1997 N	39	57	56 W	86	9	44	855	LYNNWOOD FARMS
NC	18	4021		C	REGULAR1	SELECTED	IN005217	1975	1997 N	39	57	56 W	86	9	44	855	OAKLANDON GEIST RESE
NC	18	4021		C	REGULAR2	SELECTED	IN006506	1975	1997 N	39	57	56 W	86	9	44	855	INDIANAPOLIS SE SIDE
NC	18	4042		F	FIRST O.	SELECTED	IN002738	1974	1997 N	37	56	32 W	87	44	0	450	PRINCETON 1 W
NC	18	4042		C	ACTIVE	SELECTED	IN006001	1974	1997 N	37	56	32 W	87	44	0	450	MOUNT VERNON
NC	18	4042		C	REGULAR1	SELECTED	IN004272	1972	1997 N	39	37	40 W	86	4	19	836	SHELBYVILLE SE SIDE
NC	18	5022		C	REGULAR2	SELECTED	IN007999	1972	1997 N	39	37	40 W	86	4	19	836	SHELBYVILLE SEWAGE P
NC	18	5022		C	REGULAR3	SELECTED	IN006506	1972	1997 N	39	37	40 W	86	4	19	836	OAKLANDON GEIST RESE
NC	18	5043		F	FIRST O.	SELECTED	IN002738	1969	1997 N	38	1	54 W	87	39	42	446	EVANSVILLE WSO AP
NC	18	5043		C	ACTIVE	SELECTED	IN002731	1969	1997 N	38	1	54 W	87	39	42	446	EVANSVILLE MUSEUM
NC	18	5043		C	REGULAR1	SELECTED	IN006001	1969	1997 N	38	1	54 W	87	39	42	446	MOUNT VERNON
NC	18	5043		C	REGULAR2	SELECTED	KY003762	1969	1997 N	38	1	54 W	87	39	42	446	HENDERSON 7 SSW
NC	18	5043		C	REGULAR3	SELECTED	IN007125	1969	1997 N	38	1	54 W	87	39	42	446	PRINCETON 1 W
NC	18	5518		F	FIRST O.	SELECTED	IN009424	1970	1997 N	40	28	38 W	86	51	12	543	WEST LAFAYETTE FCWOS
NC	18	5518		C	ACTIVE	SELECTED	IN009430	1970	1997 N	40	28	38 W	86	51	12	543	WEST LAFAYETTE 6 NW
NC	18	5518		C	REGULAR1	SELECTED	IN004715	1970	1997 N	40	28	38 W	86	51	12	543	LAFAYETTE 5 S
NC	18	5518		C	REGULAR2	SELECTED	IN002149	1970	1997 N	40	28	38 W	86	51	12	543	DELPHI 3 S
NC	18	5518		C	REGULAR3	SELECTED	IN003082	1970	1997 N	40	28	38 W	86	51	12	543	FRANKFORT DISPOSAL P
NC	18	5528		F	FIRST O.	SELECTED	IN008187	1962	1997 N	41	38	54 W	86	39	38	760	SOUTH BEND WSO AP
NC	18	5528		C	ACTIVE	SELECTED	IN004837	1962	1997 N	41	38	54 W	86	39	38	760	LA PORTE

Region	State	SHRP ID	SPS-GPS Link	FC	Weather Station Code	Selection Comment	WS ID	Coverage		Test Section Data						Weather Station Name	
								Period		Latitude			Longitude			Elev (ft)	
								Start	End	Dir	Deg	Min	Sec	Dir	Deg	Min	Sec
NC	18	6012		C	REGULAR3	SELECTED	IL005888	1977	1997 N	38	10	2 W	87	29	33	472	MOUNT CARMEL
NC	18	9020		F	FIRST O.	SELECTED	IN006020	1964	1997 N	40	35	17 W	85	33	9	860	MUNCIE BALL STATE UN
NC	18	9020		C	ACTIVE	SELECTED	IN005337	1964	1997 N	40	35	17 W	85	33	9	860	MARION 2 N
NC	18	9020		C	REGULAR1	SELECTED	IN003777	1964	1997 N	40	35	17 W	85	33	9	860	HARTFORD CITY 4 ESE
NC	18	9020		C	REGULAR2	SELECTED	IN004181	1964	1997 N	40	35	17 W	85	33	9	860	HUNTINGTON
NC	18	9020		C	REGULAR3	SELECTED	IN009138	1964	1997 N	40	35	17 W	85	33	9	860	WABASH
NC	19	0100		F	FIRST O.	SELECTED	IA001063	1980	1997 N	40	42	12 W	91	15	0	530	BURLINGTON AIRPORT
NC	19	0100		C	ACTIVE	SELECTED	IA003007	1980	1997 N	40	42	12 W	91	15	0	530	FORT MADISON
NC	19	0100		C	REGULAR1	SELECTED	IA001060	1980	1997 N	40	42	12 W	91	15	0	530	BURLINGTON RADIO KBU
NC	19	0100		C	REGULAR2	SELECTED	IL004823	1980	1997 N	40	42	12 W	91	15	0	530	LA HARPE
NC	19	0100		C	REGULAR3	SELECTED	IL003455	1980	1997 N	40	42	12 W	91	15	0	530	GLADSTONE DAM 18
NC	19	0200		F	FIRST O.	SELECTED	IA002203	1980	1997 N	41	38	54 W	93	27	54	945	DES MOINES AP
NC	19	0200		C	ACTIVE	SELECTED	IA000241	1980	1997 N	41	38	54 W	93	27	54	945	ANKENY
NC	19	0200		C	REGULAR1	SELECTED	IA004063	1980	1997 N	41	38	54 W	93	27	54	945	INDIANOLA
NC	19	0200		C	REGULAR2	SELECTED	IA005992	1980	1997 N	41	38	54 W	93	27	54	945	NEWTON
NC	19	0200		C	REGULAR3	SELECTED	IA001710	1980	1997 N	41	38	54 W	93	27	54	945	COLO
NC	19	0600		F	FIRST O.	SELECTED	IA002203	1965	1997 N	41	49	21 W	93	34	26	1013	DES MOINES AP
NC	19	0600		C	ACTIVE	SELECTED	IA000241	1965	1997 N	41	49	21 W	93	34	26	1013	ANKENY
NC	19	0600		C	REGULAR1	SELECTED	IA000200	1965	1997 N	41	49	21 W	93	34	26	1013	AMES 8 WSW
NC	19	0600		C	REGULAR2	SELECTED	IA001710	1965	1997 N	41	49	21 W	93	34	26	1013	COLO
NC	19	0600		C	REGULAR3	SELECTED	IA000807	1965	1997 N	41	49	21 W	93	34	26	1013	BOONE
NC	19	0700		F	FIRST O.	SELECTED	IA002203	1967	1997 N	42	19	52 W	93	34	19	1116	DES MOINES AP
NC	19	0700		C	ACTIVE	SELECTED	IA008806	1967	1997 N	42	19	52 W	93	34	19	1116	WEBSTER CITY
NC	19	0700		C	REGULAR1	SELECTED	IA004142	1967	1997 N	42	19	52 W	93	34	19	1116	IOWA FALLS
NC	19	0700		C	REGULAR2	SELECTED	IA000200	1967	1997 N	42	19	52 W	93	34	19	1116	AMES 8 WSW
NC	19	0700		C	REGULAR3	SELECTED	IA002573	1967	1997 N	42	19	52 W	93	34	19	1116	ELDORA
NC	19	1044		F	FIRST O.	SELECTED	IA008706	1971	1997 N	42	28	25 W	91	38	7	1074	WATERLOO WSO AP
NC	19	1044		C	ACTIVE	SELECTED	IA005086	1971	1997 N	42	28	25 W	91	38	7	1074	MANCHESTER #2
NC	19	1044		C	REGULAR1	SELECTED	IA004049	1971	1997 N	42	28	25 W	91	38	7	1074	INDEPENDENCE
NC	19	1044		C	REGULAR2	SELECTED	IA006200	1971	1997 N	42	28	25 W	91	38	7	1074	OELWEIN 2 S
NC	19	1044		C	REGULAR3	SELECTED	IA002603	1971	1997 N	42	28	25 W	91	38	7	1074	ELKADEER 5 SSW
NC	19	3006		F	FIRST O.	SELECTED	IL005751	1975	1997 N	41	48	35 W	90	28	13	686	MOLINE WSO AP
NC	19	3006		C	ACTIVE	SELECTED	IA001635	1975	1997 N	41	48	35 W	90	28	13	686	CLINTON NO 1
NC	19	3006		C	REGULAR1	SELECTED	IA005131	1975	1997 N	41	48	35 W	90	28	13	686	MAQUOKETA 3 S
NC	19	3006		C	REGULAR2	SELECTED	IA004705	1975	1997 N	41	48	35 W	90	28	13	686	LE CLAIRE L & D 14
NC	19	3006		C	REGULAR3	SELECTED	IL003290	1975	1997 N	41	48	35 W	90	28	13	686	FULTON L&D #13
NC	19	3009	B400	F	FIRST O.	SELECTED	IA008706	1975	1997 N	41	58	22 W	91	48	22	1115	WATERLOO WSO AP
NC	19	3009	B400	C	ACTIVE	SELECTED	IA001319	1975	1997 N	41	58	22 W	91	48	22	1115	CEDAR RAPIDS NO 1
NC	19	3009	B400	F	REGULAR1	SELECTED	IA001314	1975	1997 N	41	58	22 W	91	48	22	1115	CEDAR RAPIDS AP
NC	19	3009	B400	C	REGULAR2	SELECTED	IA008568	1975	1997 N	41	58	22 W	91	48	22	1115	VINTON
NC	19	3009	B400	C	REGULAR3	SELECTED	IA009067	1975	1997 N	41	58	22 W	91	48	22	1115	WILLIAMSBURG
NC	19	3028		F	FIRST O.	SELECTED	IA006389	1980	1997 N	41	40	49 W	91	37	19	748	OTTUMWA AIRPORT
NC	19	3028		C	ACTIVE	SELECTED	IA004101	1980	1997 N	41	40	49 W	91	37	19	748	IOWA CITY
NC	19	3028		F	REGULAR1	SELECTED	IA001314	1980	1997 N	41	40	49 W	91	37	19	748	CEDAR RAPIDS AP
NC	19	3028		C	REGULAR2	SELECTED	IA009067	1980	1997 N	41	40	49 W	91	37	19	748	WILLIAMSBURG
NC	19	3028		C	REGULAR3	SELECTED	IA001319	1980	1997 N	41	40	49 W	91	37	19	748	CEDAR RAPIDS NO 1
NC	19	3033		F	FIRST O.	SELECTED	IL005751	1980	1997 N	41	34	30 W	91	33	8	641	MOLINE WSO AP
NC	19	3033		C	ACTIVE	SELECTED	IA004101	1980	1997 N	41	34	30 W	91	33	8	641	IOWA CITY
NC	19	3033		C	REGULAR1	SELECTED	IA008688	1980	1997 N	41	34	30 W	91	33	8	641	WASHINGTON
NC	19	3033		F	REGULAR2	SELECTED	IA001314	1980	1997 N	41	34	30 W	91	33	8	641	CEDAR RAPIDS AP
NC	19	3033		C	REGULAR3	SELECTED	IA001731	1980	1997 N	41	34	30 W	91	33	8	641	COLUMBUS JUNCT 2 SSW
NC	19	3055	A400	F	FIRST O.	SELECTED	IA005235	1968	1997 N	42	27	32 W	93	35	27	1186	MASON CITY AP
NC	19	3055	A400	C	ACTIVE	SELECTED	IA008806	1968	1997 N	42	27	32 W	93	35	27	1186	WEBSTER CITY
NC	19	3055	A400	C	REGULAR1	SELECTED	IA004142	1968	1997 N	42	27	32 W	93	35	27	1186	IOWA FALLS
NC	19	3055	A400	C	REGULAR2	SELECTED	IA001541	1968	1997 N	42	27	32 W	93	35	27	1186	CLARION
NC	19	3055	A400	C	REGULAR3	SELECTED	IA002573	1968	1997 N	42	27	32 W	93	35	27	1186	ELDORA
NC	19	5042		F	FIRST O.	SELECTED	IA005235	1975	1997 N	42	35	28 W	93	32	34	1183	MASON CITY AP
NC	19	5042		C	ACTIVE	SELECTED	IA001541	1975	1997 N	42	35	28 W	93	32	34	1183	CLARION
NC	19	5042		C	REGULAR1	SELECTED	IA008806	1975	1997 N	42	35	28 W	93	32	34	1183	WEBSTER CITY
NC	19	5042		C	REGULAR2	SELECTED	IA004142	1975	1997 N	42	35	28 W	93	32	34	1183	IOWA FALLS
NC	19	5046		F	FIRST O.	SELECTED	IA003584	1975	1997 N	42	35	28 W	93	32	34	1183	HAMPTON
NC	19	5046		F	FIRST O.	SELECTED	IA005235	1975	1997 N	42	35	28 W	93	32	34	1183	MASON CITY AP
NC	19	5046		C	ACTIVE	SELECTED	IA005235	1975	1997 N	42	37	36 W	93	30	26	1142	MASON CITY AP
NC	19	5046		C	REGULAR1	SELECTED	IA001541	1975	1997 N	42	37	36 W	93	30	26	1142	CLARION
NC	19	5046		C	REGULAR2	SELECTED	IA004142	1975	1997 N	42	37	36 W	93	30	26	1142	IOWA FALLS
NC	19	5046		C	REGULAR3	SELECTED	IA003584	1975	1997 N	42	37	36 W	93	30	26	1142	HAMPTON
NC	19	6049		C	REGULAR3	SELECTED	IA008806	1975	1997 N	42	37	36 W	93	30	26	1142	WEBSTER CITY
NC	19	6049		F	FIRST O.	SELECTED	IL005751	1962	1997 N	41	39	35 W	91	12	56	754	MOLINE WSO AP
NC	19	6049		C	ACTIVE	SELECTED	IA008266	1962	1997 N	41	39	35 W	91	12	56	754	TIPTON 4 NE
NC	19	6049		C	REGULAR1	SELECTED	IA004101	1962	1997 N	41	39	35 W	91	12	56	754	IOWA CITY
NC	19	6049		C	REGULAR2	SELECTED	IA005837	1962	1997 N	41	39	35 W	91	12	56	754	MUSCATINE
NC	19	6049		F	REGULAR3	SELECTED	IA001314	1962	1997 N	41	39	35 W	91	12	56	754	CEDAR RAPIDS AP
NC	19	6150	A300	F	FIRST O.	SELECTED	IA007844	1952	1997 N	42	20	53 W	94	57	31	1229	SPENCER 1 N
NC	19	6150	A300														

Region	State	SHRP ID	SPS-GPS Link	FC	Weather Station Code	Selection Comment	WS ID	Coverage		Test Section Data						Weather Station Name	
								Period		Latitude			Longitude			Elev (ft)	
								Start	End	Dir	Deg	Min	Sec	Dir	Deg	Min	Sec
NC	20	0200		C	ACTIVE	SELECTED	KS000010	1980	1997 N	38	58	24 W	97	5	37	1194	ABILENE 1 W
NC	20	0200		C	REGULAR1	SELECTED	KS005306	1980	1997 N	38	58	24 W	97	5	37	1194	MILFORD LAKE
NC	20	0200		C	REGULAR2	SELECTED	KS003594	1980	1997 N	38	58	24 W	97	5	37	1194	HERINGTON
NC	20	0200		C	REGULAR3	SELECTED	KS001559	1980	1997 N	38	58	24 W	97	5	37	1194	CLAY CENTER
NC	20	0900		F	FIRST O.	SELECTED	KS002164	1980	1997 N	37	36	30 W	99	15	57	2255	DODGE CITY WFO AP
NC	20	0900		C	ACTIVE	SELECTED	KS003239	1980	1997 N	37	36	30 W	99	15	57	2255	GREENSBURG
NC	20	0900		C	REGULAR1	SELECTED	KS004333	1980	1997 N	37	36	30 W	99	15	57	2255	KINSLEY
NC	20	0900		C	REGULAR2	SELECTED	KS001704	1980	1997 N	37	36	30 W	99	15	57	2255	COLDWATER
NC	20	0900		C	REGULAR3	SELECTED	KS006549	1980	1997 N	37	36	30 W	99	15	57	2255	PRAITT 4 W
NC	20	1005	A300	F	FIRST O.	SELECTED	KS008167	1972	1997 N	38	37	23 W	95	14	53	910	TOPEKA WSFO AIRPORT
NC	20	1005	A300	C	ACTIVE	SELECTED	KS006128	1972	1997 N	38	37	23 W	95	14	53	910	OTTAWA
NC	20	1005	A300	C	REGULAR1	SELECTED	KS006498	1972	1997 N	38	37	23 W	95	14	53	910	POMONA LAKE
NC	20	1005	A300	C	REGULAR2	SELECTED	KS006209	1972	1997 N	38	37	23 W	95	14	53	910	PAOLA
NC	20	1005	A300	C	REGULAR3	SELECTED	KS001612	1972	1997 N	38	37	23 W	95	14	53	910	CLINTON LAKE
NC	20	1006		F	FIRST O.	SELECTED	OK000548	1971	1997 N	37	2	11 W	95	41	53	760	BARTLESVILLE 2 W
NC	20	1006		C	ACTIVE	SELECTED	KS003954	1971	1997 N	37	2	11 W	95	41	53	760	INDEPENDENCE
NC	20	1006		C	REGULAR1	SELECTED	KS005536	1971	1997 N	37	2	11 W	95	41	53	760	MOUND VALLEY 3 WSW
NC	20	1006		C	REGULAR2	SELECTED	KS002430	1971	1997 N	37	2	11 W	95	41	53	760	ELK CITY LAKE
NC	20	1006		C	REGULAR3	SELECTED	OK006485	1971	1997 N	37	2	11 W	95	41	53	760	NOWATA
NC	20	1009		F	FIRST O.	SELECTED	KS002164	1980	1997 N	37	59	52 W	98	44	49	1922	DODGE CITY WFO AP
NC	20	1009		C	ACTIVE	SELECTED	KS003847	1980	1997 N	37	59	52 W	98	44	49	1922	HUDSON
NC	20	1009		C	REGULAR1	SELECTED	KS006549	1980	1997 N	37	59	52 W	98	44	49	1922	PRATT 4 W
NC	20	1009		C	REGULAR2	SELECTED	KS004530	1980	1997 N	37	59	52 W	98	44	49	1922	LARNED
NC	20	1009		C	REGULAR3	SELECTED	KS003218	1980	1997 N	37	59	52 W	98	44	49	1922	GREAT BEND
NC	20	1010	B300	F	FIRST O.	SELECTED	KS002164	1980	1997 N	37	38	40 W	99	45	12	2373	DODGE CITY WFO AP
NC	20	1010	B300	C	ACTIVE	SELECTED	KS003239	1980	1997 N	37	38	40 W	99	45	12	2373	GREENSBURG
NC	20	1010	B300	C	REGULAR1	SELECTED	KS004333	1980	1997 N	37	38	40 W	99	45	12	2373	KINSLEY
NC	20	1010	B300	C	REGULAR2	SELECTED	KS000365	1980	1997 N	37	38	40 W	99	45	12	2373	ASHLAND
NC	20	1010	B300	C	REGULAR3	SELECTED	KS001522	1980	1997 N	37	38	40 W	99	45	12	2373	CIMARRON
NC	20	3013		F	FIRST O.	SELECTED	MO004359	1980	1997 N	38	57	39 W	94	46	33	1010	KANSAS CITY DOWNTOWN
NC	20	3013		C	ACTIVE	SELECTED	KS005972	1980	1997 N	38	57	39 W	94	46	33	1010	OLATHE 3 E
NC	20	3013		C	REGULAR1	SELECTED	KS003686	1980	1997 N	38	57	39 W	94	46	33	1010	HILLSDALE LAKE
NC	20	3013		C	REGULAR2	SELECTED	MO0004154	1980	1997 N	38	57	39 W	94	46	33	1010	INDEPENDENCE
NC	20	3013		C	REGULAR3	SELECTED	MO004850	1980	1997 N	38	57	39 W	94	46	33	1010	LEES SUMMIT REED WLR
NC	20	3015		F	FIRST O.	SELECTED	KS002975	1980	1997 N	38	0	16 W	100	51	50	2879	GARDEN CITY 9 ESE
NC	20	3015		C	ACTIVE	SELECTED	KS002980	1980	1997 N	38	0	16 W	100	51	50	2879	GARDEN CITY EXP STN
NC	20	3015		C	REGULAR1	SELECTED	KS004464	1980	1997 N	38	0	16 W	100	51	50	2879	LAKIN
NC	20	3015		C	REGULAR2	SELECTED	KS001522	1980	1997 N	38	0	16 W	100	51	50	2879	CIMARRON
NC	20	3015		C	REGULAR3	SELECTED	KS007271	1980	1997 N	38	0	16 W	100	51	50	2879	SCOTT CITY
NC	20	3060		F	FIRST O.	SELECTED	MO004359	1980	1997 N	39	7	33 W	94	48	51	986	KANSAS CITY DOWNTOWN
NC	20	3060		F	ACTIVE	SELECTED	MO004358	1980	1997 N	39	7	33 W	94	48	51	986	KANSAS CITY WSMO AP
NC	20	3060		C	REGULAR1	SELECTED	KS006100	1980	1997 N	39	5	14 W	95	32	25	870	LEAVENWORTH
NC	20	3060		C	REGULAR2	SELECTED	KS001612	1979	1997 N	39	5	14 W	95	32	25	870	CLINTON LAKE
NC	20	3060		C	REGULAR3	SELECTED	KS005972	1980	1997 N	39	7	33 W	94	48	51	986	OLATHE 3 E
NC	20	3060		C	REGULAR	SELECTED	MO004154	1980	1997 N	39	7	33 W	94	48	51	986	INDEPENDENCE
NC	20	4016	B400	F	FIRST O.	SELECTED	KS008167	1979	1997 N	39	5	14 W	95	32	25	870	TOPEKA WSFO AIRPORT
NC	20	4016	B400	C	ACTIVE	SELECTED	KS006333	1979	1997 N	39	5	14 W	95	32	25	870	PERRY LAKE
NC	20	4016	B400	C	REGULAR1	SELECTED	KS006100	1979	1997 N	39	5	14 W	95	32	25	870	OSKALOOSA
NC	20	4016	B400	C	REGULAR2	SELECTED	KS001612	1979	1997 N	39	5	14 W	95	32	25	870	CLINTON LAKE
NC	20	4016	B400	C	REGULAR3	SELECTED	KS004559	1979	1997 N	39	5	14 W	95	32	25	870	LAWRENCE
NC	20	4052		F	FIRST O.	SELECTED	MO007435	1980	1997 N	39	44	44 W	94	52	38	809	ST JOSEPH 4 WNW
NC	20	4052		C	ACTIVE	SELECTED	KS008250	1980	1997 N	39	44	44 W	94	52	38	809	TROY 2 E
NC	20	4052		C	REGULAR1	SELECTED	KS000405	1980	1997 N	39	44	44 W	94	52	38	809	ATCHISON
NC	20	4052		C	REGULAR2	SELECTED	MO000143	1980	1997 N	39	44	44 W	94	52	38	809	AMITY 4 NE
NC	20	4052		C	REGULAR3	SELECTED	KS004588	1980	1997 N	39	44	44 W	94	52	38	809	LEAVENWORTH
NC	20	4053		F	FIRST O.	SELECTED	MO004359	1980	1997 N	39	6	19 W	94	46	58	930	KANSAS CITY DOWNTOWN
NC	20	4053		F	ACTIVE	SELECTED	MO004358	1980	1997 N	39	6	19 W	94	46	58	930	KANSAS CITY WSMO AP
NC	20	4053		C	REGULAR1	SELECTED	KS005972	1980	1997 N	39	6	19 W	94	46	58	930	OLATHE 3 E
NC	20	4053		C	REGULAR2	SELECTED	KS004588	1980	1997 N	39	6	19 W	94	46	58	930	LEAVENWORTH
NC	20	4053		C	REGULAR3	SELECTED	MO004154	1980	1997 N	39	6	19 W	94	46	58	930	INDEPENDENCE
NC	20	4054	A400	F	FIRST O.	SELECTED	KS001767	1980	1997 N	38	58	2 W	97	5	29	1190	CONCORDIA WSO ARPT
NC	20	4054	A400	C	ACTIVE	SELECTED	KS000010	1980	1997 N	38	58	2 W	97	5	29	1190	ABILENE 1 W
NC	20	4054	A400	C	REGULAR1	SELECTED	KS005306	1980	1997 N	38	58	2 W	97	5	29	1190	MILFORD LAKE
NC	20	4054	A400	C	REGULAR2	SELECTED	KS003594	1980	1997 N	38	58	2 W	97	5	29	1190	HERINGTON
NC	20	4054	A400	C	REGULAR3	SELECTED	KS001559	1980	1997 N	38	58	2 W	97	5	29	1190	CLAY CENTER
NC	20	4063		F	FIRST O.	SELECTED	KS004359	1980	1997 N	39	3	33 W	94	47	29	877	KANSAS CITY WSMO AP
NC	20	4063		C	ACTIVE	SELECTED	KS005972	1980	1997 N	39	3	33 W	94	47	29	877	OLATHE 3 E
NC	20	4063		F	REGULAR1	SELECTED	MO004358	1980	1997 N	39	3	33 W	94	47	29	877	KANSAS CITY WSMO AP
NC	20	4063		C	REGULAR2	SELECTED	KS004588	1980	1997 N	39	3	33 W	94	47	29	877	LEAVENWORTH
NC	20	4063		C	REGULAR3	SELECTED	MO004158	1980	1997 N	39	3	33 W	94	47	29	877	INDEPENDENCE 2
NC	20	4067		F	FIRST O.	SELECTED	KS008830	1976	1997 N	38	1	35 W	97	20	41	1470	WICHITA WSO ARPT
NC	20	4067		C	ACTIVE	SELECTED	KS005744	1976	1997 N	38	1	35 W	97	20	41	1470	NEWTON 2 SW
NC	20	4067		C	REGULAR1	SELECTED	KS002773	1976	1997 N	38	1	35 W	97	20	41	1470	FLORENCE

Region	State	SHRP ID	SPS-GPS Link	FC	Weather Station Code	Selection Comment	WS ID	Coverage		Test Section Data						Weather Station Name			
								Period		Latitude			Longitude			Elev (ft)			
								Start	End	Dir	Deg	Min	Sec	Dir	Deg	Min	Sec		
NC	20	9037		C	REGULAR2	SELECTED	KS003759	1957	1995	N	39	5	26	W	95	42	47	850	HOLTON 1 S
NC	20	9037		C	REGULAR3	SELECTED	KS002602	1957	1995	N	39	5	26	W	95	42	47	850	ESKRIDGE
NC	21	1010	A300	F	FIRST O.	SELECTED	KY004202	1980	1995	N	37	28	57	W	83	42	42	892	JACKSON WSO
NC	21	1010	A300	C	ACTIVE	SELECTED	KY003741	1980	1995	N	37	28	57	W	83	42	42	892	HEIDELBERG
NC	21	1010	A300	C	REGULAR1	SELECTED	KY003382	1980	1995	N	37	28	57	W	83	42	42	892	GRAY HAWK
NC	21	1010	A300	C	REGULAR2	SELECTED	KY005111	1980	1995	N	37	28	57	W	83	42	42	892	MANCHESTER 4 W
NC	21	1010	A300	C	REGULAR3	SELECTED	KY004093	1980	1995	N	37	28	57	W	83	42	42	892	HYDEN
NC	21	1014		F	FIRST O.	SELECTED	KY004202	1980	1997	N	37	38	49	W	82	29	34	1104	JACKSON WSO
NC	21	1014		C	ACTIVE	SELECTED	KY006136	1980	1997	N	37	38	49	W	82	29	34	1104	PAINTSVILLE 1 E
NC	21	1014		C	REGULAR1	SELECTED	WV009605	1980	1997	N	37	38	49	W	82	29	34	1104	WILLIAMSON
NC	21	1014		C	REGULAR2	SELECTED	WV002522	1980	1997	N	37	38	49	W	82	29	34	1104	DUNLOW 1 SW
NC	21	1014		C	REGULAR3	SELECTED	WV005353	1980	1997	N	37	38	49	W	82	29	34	1104	LOGAN
NC	21	1034	B300	F	FIRST O.	SELECTED	KY000909	1972	1997	N	36	59	28	W	85	58	19	665	BOWLING GREEN FAA AP
NC	21	1034	B300	C	ACTIVE	SELECTED	KY003246	1972	1997	N	36	59	28	W	85	58	19	665	GLASGOW
NC	21	1034	B300	C	REGULAR1	SELECTED	KY000422	1972	1997	N	36	59	28	W	85	58	19	665	BARREN RIVER LAKE
NC	21	1034	B300	C	REGULAR2	SELECTED	KY005097	1972	1997	N	36	59	28	W	85	58	19	665	MAMMOTH CAVE
NC	21	1034	B300	C	REGULAR3	SELECTED	KY007800	1972	1997	N	36	59	28	W	85	58	19	665	SUMMER SHADE
NC	21	3016	A400	F	FIRST O.	SELECTED	KY004954	1980	1997	N	37	51	5	W	85	42	50	460	LOUISVILLE WSFO AP
NC	21	3016	A400	C	ACTIVE	SELECTED	KY006630	1980	1997	N	37	51	5	W	85	42	50	460	BERNHEIM FOREST
NC	21	3016	A400	C	REGULAR1	SELECTED	KY002512	1980	1997	N	37	51	5	W	85	42	50	460	ELIZABETHTOWN WP 2
NC	21	3016	A400	C	REGULAR2	SELECTED	KY000397	1980	1997	N	37	51	5	W	85	42	50	460	BARDSTOWN 5 E
NC	21	3016	A400	C	REGULAR3	SELECTED	KY003929	1980	1997	N	37	51	5	W	85	42	50	460	HODGENVILLE-LINCOLN
NC	21	4025		F	FIRST O.	SELECTED	KY004746	1973	1997	N	38	7	12	W	84	32	18	960	LEXINGTON WSO AIRPOR
NC	21	4025		C	ACTIVE	SELECTED	KY003028	1973	1997	N	38	7	12	W	84	32	18	960	FRANKFORT LOCK 4
NC	21	4025		C	REGULAR1	SELECTED	KY001998	1973	1997	N	38	7	12	W	84	32	18	960	CYNTHIANA
NC	21	4025		C	REGULAR2	SELECTED	KY002214	1973	1997	N	38	7	12	W	84	32	18	960	DIX DAM
NC	21	4025		C	REGULAR3	SELECTED	KY002409	1973	1997	N	38	7	12	W	84	32	18	960	EASTERN KENTUCKY UNI
NC	21	6040		F	FIRST O.	SELECTED	KY004746	1967	1994	N	38	1	47	W	84	33	46	978	LEXINGTON WSO AIRPOR
NC	21	6040		C	ACTIVE	SELECTED	KY002214	1967	1994	N	38	1	47	W	84	33	46	978	DIX DAM
NC	21	6040		C	REGULAR1	SELECTED	KY003028	1967	1994	N	38	1	47	W	84	33	46	978	FRANKFORT LOCK 4
NC	21	6040		C	REGULAR2	SELECTED	KY002409	1967	1994	N	38	1	47	W	84	33	46	978	EASTERN KENTUCKY UNI
NC	21	6040		C	REGULAR3	SELECTED	KY002040	1967	1994	N	38	1	47	W	84	33	46	978	DANVILLE
NC	21	6043		F	FIRST O.	SELECTED	KY004898	1971	1997	N	37	8	16	W	83	50	19	1004	LONDON FAA AIRPORT
NC	21	6043		C	ACTIVE	SELECTED	KY005111	1971	1997	N	37	8	16	W	83	50	19	1004	MANCHESTER 4 W
NC	21	6043		C	REGULAR1	SELECTED	KY000381	1971	1997	N	37	8	16	W	83	50	19	1004	BARBOURVILLE
NC	21	6043		C	REGULAR2	SELECTED	KY003382	1971	1997	N	37	8	16	W	83	50	19	1004	GRAY HAWK
NC	21	6043		C	REGULAR3	SELECTED	KY004093	1971	1997	N	37	8	16	W	83	50	19	1004	HYDEN
NC	26	0100		F	FIRST O.	SELECTED	MI004641	1980	1997	N	42	59	40	W	84	31	18	810	LANSING WSO AIRPORT
NC	26	0100		C	ACTIVE	SELECTED	MI007280	1980	1997	N	42	59	40	W	84	31	18	810	ST JOHNS
NC	26	0100		C	REGULAR1	SELECTED	MI006300	1980	1997	N	42	59	40	W	84	31	18	810	OWOSO WWTP
NC	26	0100		C	REGULAR2	SELECTED	MI002395	1980	1997	N	42	59	40	W	84	31	18	810	EAST LANSING 4 S
NC	26	0100		C	REGULAR3	SELECTED	MI007253	1980	1997	N	42	59	40	W	84	31	18	810	SAINT CHARLES
NC	26	0200		F	FIRST O.	SELECTED	OH008366	1980	1997	N	41	45	8	W	83	42	4	677	TOLEDO BLADE
NC	26	0200		F	ACTIVE	SELECTED	OH008357	1980	1997	N	41	45	8	W	83	42	4	677	TOLEDO EXPRESS WSO A
NC	26	0200		C	REGULAR1	SELECTED	MI005558	1980	1997	N	41	45	8	W	83	42	4	677	MONROE
NC	26	0200		C	REGULAR2	SELECTED	MI000032	1980	1997	N	41	45	8	W	83	42	4	677	ADRIAN 2 NNE
NC	26	0200		C	REGULAR3	SELECTED	MI005450	1980	1997	N	41	45	8	W	83	42	4	677	MILAN 4 ESE
NC	26	0600		F	FIRST O.	SELECTED	MI007227	1958	1997	N	43	35	48	W	84	2	18	582	SAGINAW FAA AIRPORT
NC	26	0600		C	ACTIVE	SELECTED	MI005434	1958	1997	N	43	35	48	W	84	2	18	582	MIDLAND
NC	26	0600		C	REGULAR1	SELECTED	MI000568	1958	1997	N	43	35	48	W	84	2	18	582	BAY CITY SEWAGE PLAN
NC	26	0600		C	REGULAR2	SELECTED	MI007217	1958	1997	N	43	35	48	W	84	2	18	582	SAGINAW CONSUMERS PW
NC	26	0600		C	REGULAR3	SELECTED	MI007253	1958	1997	N	43	35	48	W	84	2	18	582	SAINT CHARLES
NC	26	1004		F	FIRST O.	SELECTED	KY003936	1971	1997	N	44	1	51	W	84	54	57	1154	LAKE CITY EXP FARM
NC	26	1004		F	ACTIVE	SELECTED	KY003908	1980	1997	N	47	6	5	W	88	36	18	984	HOUGHTON FAIR FT WIL
NC	26	1004		C	REGULAR1	SELECTED	KY003744	1980	1997	N	47	6	5	W	88	36	18	984	HERMAN
NC	26	1004		C	REGULAR2	SELECTED	KY006220	1980	1997	N	47	6	5	W	88	36	18	984	ONTONAGON 6 SE
NC	26	1004		C	REGULAR3	SELECTED	KY001780	1980	1997	N	47	6	5	W	88	36	18	984	COPPER HARBOR FT WIL
NC	26	1010	D300	F	FIRST O.	SELECTED	MI002846	1975	1997	N	43	10	46	W	83	39	23	792	FLINT WSCMO
NC	26	1010	D300	C	ACTIVE	SELECTED	MI004655	1975	1997	N	43	10	46	W	83	39	23	792	LAPEER WWTP
NC	26	1010	D300	C	REGULAR1	SELECTED	MI001299	1975	1997	N	43	10	46	W	83	39	23	792	CARO REGIONAL CENTER
NC	26	1010	D300	C	REGULAR2	SELECTED	MI007217	1975	1997	N	43	10	46	W	83	39	23	792	SAGINAW CONSUMERS PW
NC	26	1010	D300	C	REGULAR3	SELECTED	MI000253	1975	1997	N	43	10	46	W	83	39	23	792	SAINT CHARLES
NC	26	1012	B300	F	FIRST O.	SELECTED	KY001176	1980	1997	N	43	42	52	W	85	31	51	1032	CADILLAC
NC	26	1012	B300	C	ACTIVE	SELECTED	KY000779	1980	1997	N	43	42	52	W	85	31	51	1032	BIG RAPIDS WATERWORK
NC	26	1012	B300	C	REGULAR1	SELECTED	KY002671	1980	1997	N	43	42	52	W	85	31	51	1032	EVART
NC	26	1012	B300	C	REGULAR2	SELECTED	KY000446	1980	1997	N	43	42	52	W	85	31	51	1032	BALDWIN
NC	26	1012	B300	C	REGULAR3	SELECTED	KY003769	1980	1997	N	43	42	52	W	85	31	51	1032	HESPERIA 4 WNW
NC	26	1013	A300	F	FIRST O.	SELECTED	KY003333	1980	1997	N	43	26	27	W	85	29	31	900	GRAND RAPIDS WSFO
NC	26	1013	A300	C	ACTIVE	SELECTED	KY000779	198											

Region	State	SHRP ID	SPS-GPS Link	FC	Weather Station Code	Selection Comment	WS ID	Coverage		Test Section Data						Weather Station Name	
								Period		Latitude			Longitude			Elev (ft)	
								Start	End	Dir	Deg	Min	Sec	Dir	Deg	Min	
NC	26	5363		F	FIRST O.	SELECTED	MI002103	1976	1997 N	42	11	12 W	83	23	29	640	DETROIT METRO WSCMO
NC	26	5363		F	ACTIVE	SELECTED	MI009218	1976	1997 N	42	11	12 W	83	23	29	640	YPSILANTI E MICH UNI
NC	26	5363		C	REGULAR1	SELECTED	MI002015	1976	1997 N	42	11	12 W	83	23	29	640	DEARBORN
NC	26	5363		C	REGULAR2	SELECTED	MI005450	1976	1997 N	42	11	12 W	83	23	29	640	MILAN 4 ESE
NC	26	5363		C	REGULAR3	SELECTED	MI000230	1976	1997 N	42	11	12 W	83	23	29	640	ANN ARBOR UNIV OF MI
NC	26	6016		F	FIRST O.	SELECTED	MI003936	1970	1997 N	44	26	1 W	84	35	55	1170	HOUGHTON LAKE WSO AP
NC	26	6016		C	ACTIVE	SELECTED	MI003391	1970	1997 N	44	26	1 W	84	35	55	1170	GRAYLING
NC	26	6016		C	REGULAR1	SELECTED	MI003932	1970	1997 N	44	26	1 W	84	35	55	1170	HOUGHTON LAKE 6 WSW
NC	26	6016		C	REGULAR2	SELECTED	MI008800	1970	1997 N	44	26	1 W	84	35	55	1170	WEST BRANCH 3 SE
NC	26	6016		C	REGULAR3	SELECTED	MI005531	1970	1997 N	44	26	1 W	84	35	55	1170	MIO HYDRO PLANT
NC	26	7072		F	FIRST O.	SELECTED	MI002846	1962	1997 N	42	48	6 W	83	33	25	980	FLINT WSCMO
NC	26	7072		C	ACTIVE	SELECTED	MI005452	1962	1997 N	42	48	6 W	83	33	25	980	MILFORD GM PROVING G
NC	26	7072		C	REGULAR1	SELECTED	MI006658	1962	1997 N	42	48	6 W	83	33	25	980	PONTIAC STATE HOSPIT
NC	26	7072		C	REGULAR2	SELECTED	MI004655	1962	1997 N	42	48	6 W	83	33	25	980	LAPEER WWTP
NC	26	7072		C	REGULAR3	SELECTED	MI006300	1962	1997 N	42	48	6 W	83	33	25	980	OWOSO WWTP
NC	26	9029		F	FIRST O.	SELECTED	MI004641	1959	1997 N	42	52	44 W	85	0	22	810	LANSING WSO AIRPORT
NC	26	9029		C	ACTIVE	SELECTED	MI004078	1959	1997 N	42	52	44 W	85	0	22	810	IONIA 2 SSW
NC	26	9029		C	REGULAR1	SELECTED	MI003661	1959	1997 N	42	52	44 W	85	0	22	810	HASTINGS
NC	26	9029		C	REGULAR2	SELECTED	MI001476	1959	1997 N	42	52	44 W	85	0	22	810	CHARLOTTE
NC	26	9029		C	REGULAR3	SELECTED	MI007280	1959	1997 N	42	52	44 W	85	0	22	810	ST JOHNS
NC	26	9030		F	FIRST O.	SELECTED	OH008366	1960	1997 N	41	55	19 W	83	39	42	678	TOLEDO BLADE
NC	26	9030		C	ACTIVE	SELECTED	MI005558	1960	1997 N	41	55	19 W	83	39	42	678	MONROE
NC	26	9030		C	REGULAR1	SELECTED	MI009014	1960	1997 N	41	55	19 W	83	39	42	678	WILLIS 5 SSW
NC	26	9030		C	REGULAR2	SELECTED	MI000032	1960	1997 N	41	55	19 W	83	39	42	678	ADRIAN 2 NNE
NC	26	9030		F	REGULAR3	SELECTED	MI009218	1960	1997 N	41	55	19 W	83	39	42	678	YPSILANTI E MICH UNI
NC	27	0500		F	FIRST O.	SELECTED	MN000643	1969	1997 N	47	31	15 W	95	7	45	1350	BEMIDJI
NC	27	0500		C	ACTIVE	SELECTED	MN004106	1969	1997 N	47	31	15 W	95	7	45	1350	ITASCA UNIV OF MINNE
NC	27	0500		C	REGULAR1	SELECTED	MN006795	1969	1997 N	47	31	15 W	95	7	45	1350	RED LAKE INDIAN AGEN
NC	27	0500		C	REGULAR2	SELECTED	MN001374	1969	1997 N	47	31	15 W	95	7	45	1350	CASS LAKE
NC	27	0500		C	REGULAR3	SELECTED	MN002916	1969	1997 N	47	31	15 W	95	7	45	1350	FOSTON 1 E
NC	27	0700		F	FIRST O.	SELECTED	MN002859	1970	1997 N	46	44	12 W	96	29	13	903	FARGO WSO AP
NC	27	0700		C	ACTIVE	SELECTED	MN007149	1970	1997 N	46	44	12 W	96	29	13	903	ROTHSAY
NC	27	0700		C	REGULAR1	SELECTED	MN003587	1970	1997 N	46	44	12 W	96	29	13	903	HAWLEY 3 NE
NC	27	0700		C	REGULAR2	SELECTED	MN003104	1970	1997 N	46	44	12 W	96	29	13	903	GEORGETOWN 1 E
NC	27	0700		C	REGULAR3	SELECTED	MN009100	1970	1997 N	46	44	12 W	96	29	13	903	WAHPETON 3 N
NC	27	0900		F	FIRST O.	SELECTED	MN005435	1980	1997 N	44	35	4 W	93	50	34	900	MINNEAPOLIS WSFO AP
NC	27	0900		C	ACTIVE	SELECTED	MN004176	1980	1997 N	44	35	4 W	93	50	34	900	JORDAN 1 S
NC	27	0900		C	REGULAR1	SELECTED	MN003076	1980	1997 N	44	35	4 W	93	50	34	900	GAYLORD
NC	27	0900		C	REGULAR2	SELECTED	MN001465	1980	1997 N	44	35	4 W	93	50	34	900	CHASKA
NC	27	0900		C	REGULAR3	SELECTED	MN007405	1980	1997 N	44	35	4 W	93	50	34	900	ST PETER 2 SW
NC	27	1003		F	FIRST O.	SELECTED	MN007294	1980	1997 N	45	16	50 W	93	44	8	944	ST CLOUD WSO AP
NC	27	1003		C	ACTIVE	SELECTED	MN001107	1980	1997 N	45	16	50 W	93	44	8	944	BUFFALO
NC	27	1003		C	REGULAR1	SELECTED	MN002088	1980	1997 N	45	16	50 W	93	44	8	944	DELANO
NC	27	1003		C	REGULAR2	SELECTED	MN007502	1980	1997 N	45	16	50 W	93	44	8	944	SANTIAGO 3 E
NC	27	1003		C	REGULAR3	SELECTED	MN001390	1980	1997 N	45	16	50 W	93	44	8	944	CEDAR
NC	27	1004		F	FIRST O.	SELECTED	MN007294	1980	1997 N	45	16	50 W	93	44	8	944	ST CLOUD WSO AP
NC	27	1004		C	ACTIVE	SELECTED	MN001107	1980	1997 N	45	16	50 W	93	44	8	944	BUFFALO
NC	27	1004		C	REGULAR1	SELECTED	MN002088	1980	1997 N	45	16	50 W	93	44	8	944	DELANO
NC	27	1004		C	REGULAR2	SELECTED	MN007502	1980	1997 N	45	16	50 W	93	44	8	944	SANTIAGO 3 E
NC	27	1004		C	REGULAR3	SELECTED	MN001390	1980	1997 N	45	16	50 W	93	44	8	944	CEDAR
NC	27	1017	A300	F	FIRST O.	SELECTED	MN006433	1976	1997 N	47	30	56 W	94	54	24	1375	BEMIDJI
NC	27	1017	A300	C	ACTIVE	SELECTED	MN001374	1976	1997 N	47	30	56 W	94	54	24	1375	CASS LAKE
NC	27	1016	A300	C	REGULAR1	SELECTED	MN004106	1976	1997 N	47	30	56 W	94	54	24	1375	ITASCA UNIV OF MINNE
NC	27	1016	A300	C	REGULAR2	SELECTED	MN006795	1976	1997 N	47	30	56 W	94	54	24	1375	RED LAKE INDIAN AGEN
NC	27	1016	A300	C	REGULAR3	SELECTED	MN008618	1976	1997 N	47	30	56 W	94	54	24	1375	WALKER AH GWAH CHING
NC	27	1017		F	FIRST O.	SELECTED	MN007294	1980	1997 N	45	16	50 W	93	44	8	970	CEDAR
NC	27	1017		C	ACTIVE	SELECTED	MN001107	1980	1997 N	45	16	50 W	93	44	8	970	ST CLOUD WSO AP
NC	27	1017		C	REGULAR1	SELECTED	MN002088	1980	1997 N	45	16	50 W	93	44	8	970	BUFFALO
NC	27	1017		C	REGULAR2	SELECTED	MN007502	1980	1997 N	45	16	50 W	93	44	8	970	SANTIAGO 3 E
NC	27	1017		C	REGULAR3	SELECTED	MN001390	1980	1997 N	45	16	50 W	93	44	8	970	CEDAR
NC	27	1023		F	FIRST O.	SELECTED	MN000643	1980	1997 N	47	28	34 W	94	55	7	1375	BEMIDJI
NC	27	1023		C	ACTIVE	SELECTED	MN001374	1980	1997 N	47	28	34 W	94	55	7	1375	CASS LAKE
NC	27	1023		C	REGULAR1	SELECTED	MN004106	1980	1997 N	47	28	34 W	94	55	7	1375	ITASCA UNIV OF MINNE
NC	27	1023		C	REGULAR2	SELECTED	MN006795	1980	1997 N	47	28	34 W	94	55	7	1375	RED LAKE INDIAN AGEN
NC	27	1023		C	REGULAR3	SELECTED	MN008618	1980	1997 N	47	28	34 W	94	55	7	1375	WALKER AH GWAH CHING
NC	27	1028	C300	F	FIRST O.	SELECTED	MN006360	1972	1997 N	46	40	40 W	95	40	12	1384	PARK RAPIDS 2 S
NC	27	1028	C300	C	ACTIVE	SELECTED	MN002142	1972	1997 N	46	40	40 W	95	40	12	1384	DETROIT LAKES 1 NNE
NC	27	1028	C300	C	REGULAR1	SELECTED	MN006276	1972	1997 N	46	40	40 W	95	40	12	1384	OTTERTAIL
NC	27	1028	C300	C	REGULAR2	SELECTED	MN008191	1972	1997 N	46	40	40 W	95	40	12	1384	TAMARAC WILDLIFE REF
NC	27	1028	C300	C	REGULAR3	SELECTED	MN008579	1972	1997 N	46	40	40 W	95	40	12	1384	WADENA 3 S
NC	27	1029		F	FIRST O.	SELECTED	W1003244	1970	1997 N	45	30	19 W	93	14	7	918	GRANTSBURG
NC	27	1029		C	ACTIVE	SELECTED	MN001227	1970	1997 N	45	30	19 W	93	14	7	918	CAMBRIDGE STATE HOSP
NC	27	1029		C	REGULAR1	SELECTED	MN001390	1970	1997 N	45	30	19 W	93	14	7	918	CEDAR
NC	2																

Region	State	SHRP ID	SPS-GPS Link	FC	Weather Station Code	Selection Comment	WS ID	Coverage		Test Section Data						Weather Station Name	
								Period		Latitude			Longitude			Elev (ft)	
								Start	End	Dir	Deg	Min	Sec	Dir	Deg	Min	Sec
NC	27	1085		C	REGULAR1	SELECTED	MN000355	1980	1997 N	43	43	7 W	92	37	18	1330	AUSTIN 3 S
NC	27	1085		C	REGULAR2	SELECTED	MN006654	1980	1997 N	43	43	7 W	92	37	18	1330	PRESTON
NC	27	1085		C	REGULAR3	SELECTED	IA006305	1980	1997 N	43	43	7 W	92	37	18	1330	OSAGE
NC	27	1087		F	FIRST O.	SELECTED	MN005435	1979	1997 N	44	48	26 W	93	13	40	800	MINNEAPOLIS WSFO AP
NC	27	1087		C	ACTIVE	SELECTED	MN007107	1979	1997 N	44	48	26 W	93	13	40	800	ROSEMOUNT AGRI EXP S
NC	27	1087		C	REGULAR1	SELECTED	MN002737	1979	1997 N	44	48	26 W	93	13	40	800	FARMINGTON 3 NW
NC	27	1087		C	REGULAR2	SELECTED	MN007377	1979	1997 N	44	48	26 W	93	13	40	800	ST PAUL
NC	27	1087		C	REGULAR3	SELECTED	MN001465	1979	1997 N	44	48	26 W	93	13	40	800	CHASKA
NC	27	2018		F	FIRST O.	SELECTED	MN007294	1980	1997 N	45	16	50 W	93	44	8	970	ST CLOUD WSO AP
NC	27	2018		C	ACTIVE	SELECTED	MN001107	1980	1997 N	45	16	50 W	93	44	8	970	BUFFALO
NC	27	2018		C	REGULAR1	SELECTED	MN002088	1980	1997 N	45	16	50 W	93	44	8	970	DELANO
NC	27	2018		C	REGULAR2	SELECTED	MN007502	1980	1997 N	45	16	50 W	93	44	8	970	SANTIAGO 3 E
NC	27	2018		C	REGULAR3	SELECTED	MN001390	1980	1997 N	45	16	50 W	93	44	8	970	CEDAR
NC	27	2023		F	FIRST O.	SELECTED	MN007294	1980	1997 N	45	16	50 W	93	44	8	965	ST CLOUD WSO AP
NC	27	2023		C	ACTIVE	SELECTED	MN001107	1980	1997 N	45	16	50 W	93	44	8	965	BUFFALO
NC	27	2023		C	REGULAR1	SELECTED	MN002088	1980	1997 N	45	16	50 W	93	44	8	965	DELANO
NC	27	2023		C	REGULAR2	SELECTED	MN007502	1980	1997 N	45	16	50 W	93	44	8	965	SANTIAGO 3 E
NC	27	3003		F	FIRST O.	SELECTED	MN006835	1980	1997 N	44	24	20 W	94	24	18	1066	REDWOOD FALLS FAA AR
NC	27	3003		C	ACTIVE	SELECTED	MN005887	1980	1997 N	44	24	20 W	94	24	18	1066	NEW ULM 2 SE
NC	27	3003		C	REGULAR1	SELECTED	MN003076	1980	1997 N	44	24	20 W	94	24	18	1066	GAYLORD
NC	27	3003		C	REGULAR2	SELECTED	MN007405	1980	1997 N	44	24	20 W	94	24	18	1066	ST PETER 2 SW
NC	27	3003		C	REGULAR3	SELECTED	MN008025	1980	1997 N	44	24	20 W	94	24	18	1066	STEWART
NC	27	3005		F	FIRST O.	SELECTED	MN007294	1980	1997 N	45	16	50 W	93	44	8	949	ST CLOUD WSO AP
NC	27	3005		C	ACTIVE	SELECTED	MN001107	1980	1997 N	45	16	50 W	93	44	8	949	BUFFALO
NC	27	3005		C	REGULAR1	SELECTED	MN002088	1980	1997 N	45	16	50 W	93	44	8	949	DELANO
NC	27	3005		C	REGULAR2	SELECTED	MN007502	1980	1997 N	45	16	50 W	93	44	8	949	SANTIAGO 3 E
NC	27	3005		C	REGULAR3	SELECTED	MN001390	1980	1997 N	45	16	50 W	93	44	8	949	CEDAR
NC	27	3007		F	FIRST O.	SELECTED	MN007294	1980	1997 N	45	16	50 W	93	44	8	959	ST CLOUD WSO AP
NC	27	3007		C	ACTIVE	SELECTED	MN001107	1980	1997 N	45	16	50 W	93	44	8	959	BUFFALO
NC	27	3007		C	REGULAR1	SELECTED	MN002088	1980	1997 N	45	16	50 W	93	44	8	959	DELANO
NC	27	3007		C	REGULAR2	SELECTED	MN007502	1980	1997 N	45	16	50 W	93	44	8	959	SANTIAGO 3 E
NC	27	3007		C	REGULAR3	SELECTED	MN001390	1980	1997 N	45	16	50 W	93	44	8	959	CEDAR
NC	27	3009		F	FIRST O.	SELECTED	MN007294	1980	1997 N	45	16	50 W	93	44	8	960	ST CLOUD WSO AP
NC	27	3009		C	ACTIVE	SELECTED	MN001107	1980	1997 N	45	16	50 W	93	44	8	960	BUFFALO
NC	27	3009		C	REGULAR1	SELECTED	MN002088	1980	1997 N	45	16	50 W	93	44	8	960	DELANO
NC	27	3009		C	REGULAR2	SELECTED	MN007502	1980	1997 N	45	16	50 W	93	44	8	960	SANTIAGO 3 E
NC	27	3009		C	REGULAR3	SELECTED	MN001390	1980	1997 N	45	16	50 W	93	44	8	960	CEDAR
NC	27	3010		F	FIRST O.	SELECTED	MN007294	1980	1997 N	45	16	50 W	93	44	8	963	ST CLOUD WSO AP
NC	27	3010		C	ACTIVE	SELECTED	MN001107	1980	1997 N	45	16	50 W	93	44	8	963	BUFFALO
NC	27	3010		C	REGULAR1	SELECTED	MN002088	1980	1997 N	45	16	50 W	93	44	8	963	DELANO
NC	27	3010		C	REGULAR2	SELECTED	MN007502	1980	1997 N	45	16	50 W	93	44	8	963	SANTIAGO 3 E
NC	27	3010		C	REGULAR3	SELECTED	MN001390	1980	1997 N	45	16	50 W	93	44	8	963	CEDAR
NC	27	3012		F	FIRST O.	SELECTED	MN007294	1980	1997 N	45	16	50 W	93	44	8	968	ST CLOUD WSO AP
NC	27	3012		C	ACTIVE	SELECTED	MN001107	1980	1997 N	45	16	50 W	93	44	8	968	BUFFALO
NC	27	3012		C	REGULAR1	SELECTED	MN002088	1980	1997 N	45	16	50 W	93	44	8	968	DELANO
NC	27	3012		C	REGULAR2	SELECTED	MN007502	1980	1997 N	45	16	50 W	93	44	8	968	SANTIAGO 3 E
NC	27	3012		C	REGULAR3	SELECTED	MN001390	1980	1997 N	45	16	50 W	93	44	8	968	CEDAR
NC	27	3013		F	FIRST O.	SELECTED	MN007294	1980	1997 N	45	16	50 W	93	44	8	968	ST CLOUD WSO AP
NC	27	3013		C	ACTIVE	SELECTED	MN001107	1980	1997 N	45	16	50 W	93	44	8	968	BUFFALO
NC	27	3013		C	REGULAR1	SELECTED	MN002088	1980	1997 N	45	16	50 W	93	44	8	968	DELANO
NC	27	3013		C	REGULAR2	SELECTED	MN007502	1980	1997 N	45	16	50 W	93	44	8	968	SANTIAGO 3 E
NC	27	3013		C	REGULAR3	SELECTED	MN001390	1980	1997 N	45	16	50 W	93	44	8	968	CEDAR
NC	27	3013		F	FIRST O.	SELECTED	MN005435	1980	1997 N	45	7	5 W	93	23	38	860	MINNEAPOLIS WSFO AP
NC	27	3013		C	ACTIVE	SELECTED	MN001390	1980	1997 N	45	7	5 W	93	23	38	860	CEDAR
NC	27	3013		C	REGULAR1	SELECTED	MN005665	1980	1997 N	45	7	5 W	93	23	38	860	OUND
NC	27	3013		C	REGULAR2	SELECTED	MN002088	1980	1997 N	45	7	5 W	93	23	38	860	DELANO
NC	27	3013		C	REGULAR3	SELECTED	MN007377	1980	1997 N	45	7	5 W	93	23	38	860	ST PAUL
NC	27	4033		F	FIRST O.	SELECTED	MN005435	1980	1997 N	44	46	30 W	93	13	30	977	MINNEAPOLIS WSFO AP
NC	27	4033		C	ACTIVE	SELECTED	MN007107	1980	1997 N	44	46	30 W	93	13	30	977	ROSEMOUNT AGRI EXP S
NC	27	4033		C	REGULAR1	SELECTED	MN002737	1980	1997 N	44	46	30 W	93	13	30	977	FARMINGTON 3 NW
NC	27	4033		C	REGULAR2	SELECTED	MN007377	1980	1997 N	44	46	30 W	93	13	30	977	ST PAUL
NC	27	4033		C	REGULAR3	SELECTED	MN001465	1980	1997 N	44	46	30 W	93	13	30	977	CHASKA
NC	27	4034		F	FIRST O.	SELECTED	MN005435	1980	1997 N	47	44	15 W	93	14	19	845	GRANTSBURG
NC	27	4034		C	ACTIVE	SELECTED	MN005615	1973	1997 N	45	59	55 W	93	14	19	845	MORA
NC	27	4034		C	REGULAR1	SELECTED	MN003793	1973	1997 N	45	59	55 W	93	14	19	845	HINCKLEY
NC	27	4034		C	REGULAR2	SELECTED	MN005392	1973	1997 N	45	59	55 W	93	14	19	845	MILACA 1 ENE
NC	27	4034		C	REGULAR3	SELECTED	MN004103	1973	1997 N	45	59	55 W	93	14	19	845	ISLE 12 N
NC	27	4037		F	FIRST O.	SELECTED	MN005435	1980	1997 N	44	45	33 W	93	15	43	990	MINNEAPOLIS WSFO AP
NC	27	4037		C	ACTIVE	SELECTED	MN002737	1980	1997 N	44	45	33 W	93	15	43	990	ROSEMOUNT AGRI EXP S
NC	27	4037		C	REGULAR1	SELECTED	MN007502	1980	1997 N	44	45	33 W	93	15	43	990	CHASKA
NC	27	4037		C	REGULAR2	SELECTED	MN001476	1980	1997 N	44	45	33 W	93	15	43	990	JORDAN 1 S
NC	27	4040		F	FIRST O.	SELECTED	MN003730	1979	1997 N	47	18	32 W	93	43	0	1305	HIBBING FAA AIRPORT
NC	27	4040		C	ACTIVE	SELECTED	MN006612	1979	1997 N	47	18	32 W	93	43	0	1305	POKEGAMA DAM
NC	27	4040		C	REGULAR1	SELECTED	MN003030	1979	1997 N	47	18	32 W	93	43	0	1305	GRAND RAPIDS FORESTR
NC	27</td																

Region	State	SHRP ID	SPS-GPS Link	FC	Weather Station Code	Selection Comment	WS ID	Coverage			Test Section Data						Weather Station Name		
								Period		Latitude			Longitude			Elev (ft)			
								Start	End	Dir	Deg	Min	Sec	Dir	Deg	Min	Sec		
NC	27	4082		C	REGULAR3	SELECTED	MN007405	1969	1993 N	44	7	30 W	94	26	30	985	ST PETER 2 SW		
NC	27	5076		F	FIRST O.	SELECTED	MN005435	1970	1997 N	45	2	2 W	92	58	29	985	MINNEAPOLIS WSFO AP		
NC	27	5076		C	ACTIVE	SELECTED	MN007377	1970	1997 N	45	2	2 W	92	58	29	985	ST PAUL		
NC	27	5076		C	REGULAR1	SELECTED	MN008037	1970	1997 N	45	2	2 W	92	58	29	985	STILLWATER 1 SE		
NC	27	5076		C	REGULAR2	SELECTED	W1007226	1970	1997 N	45	2	2 W	92	58	29	985	RIVER FALLS		
NC	27	5076		C	REGULAR3	SELECTED	MN002881	1970	1997 N	45	2	2 W	92	58	29	985	FOREST LAKE 5 NE		
NC	27	6064		F	FIRST O.	SELECTED	MN007294	1968	1997 N	45	38	26 W	94	37	45	920	ST CLOUD WSO AP		
NC	27	6064		C	ACTIVE	SELECTED	MN005325	1968	1997 N	45	38	26 W	94	37	45	920	MELROSE		
NC	27	6064		C	REGULAR1	SELECTED	MN001691	1968	1997 N	45	38	26 W	94	37	45	920	COLLEGEVILLE ST JOHN		
NC	27	6064		C	REGULAR2	SELECTED	MN004861	1968	1997 N	45	38	26 W	94	37	45	920	LONG PRAIRIE		
NC	27	6064		C	REGULAR3	SELECTED	MN004793	1968	1997 N	45	38	26 W	94	37	45	920	LITTLE FALLS 1 N		
NC	27	6251	B300	F	FIRST O.	SELECTED	MN006043	1980	1997 N	47	27	40 W	94	54	44	1364	BEMIDJI		
NC	27	6251	B300	C	ACTIVE	SELECTED	MN001374	1980	1997 N	47	27	40 W	94	54	44	1364	CASS LAKE		
NC	27	6251	B300	C	REGULAR1	SELECTED	MN004106	1980	1997 N	47	27	40 W	94	54	44	1364	ITASCA UNIV OF MINNE		
NC	27	6251	B300	C	REGULAR2	SELECTED	MN006795	1980	1997 N	47	27	40 W	94	54	44	1364	RED LAKE INDIAN AGEN		
NC	27	6251	B300	C	REGULAR3	SELECTED	MN008618	1980	1997 N	47	27	40 W	94	54	44	1364	WALKER AH GWAH CHING		
NC	27	6300		F	FIRST O.	SELECTED	MN009170	1969	1997 N	43	38	15 W	95	46	54	1685	WORTHINGTON 2 NNE		
NC	27	6300		C	ACTIVE	SELECTED	IA007664	1969	1997 N	43	38	15 W	95	46	54	1685	SIBLEY 5 NNE		
NC	27	6300		C	REGULAR1	SELECTED	MN004937	1969	1997 N	43	38	15 W	95	46	54	1685	LUVERNE		
NC	27	6300		C	REGULAR2	SELECTED	IA007147	1969	1997 N	43	38	15 W	95	46	54	1685	ROCK RAPIDS		
NC	27	6300		C	REGULAR3	SELECTED	MN004534	1969	1997 N	43	38	15 W	95	46	54	1685	LAKE WILSON		
NC	27	7090		F	FIRST O.	SELECTED	MN005435	1954	1997 N	44	35	4 W	93	50	34	984	MINNEAPOLIS WSFO AP		
NC	27	7090		C	ACTIVE	SELECTED	MN004176	1954	1997 N	44	35	4 W	93	50	34	984	JORDAN 1 S		
NC	27	7090		C	REGULAR1	SELECTED	MN003076	1954	1997 N	44	35	4 W	93	50	34	984	GAYLORD		
NC	27	7090		C	REGULAR2	SELECTED	MN001465	1954	1997 N	44	35	4 W	93	50	34	984	CHASKA		
NC	27	7090		C	REGULAR3	SELECTED	MN007405	1954	1997 N	44	35	4 W	93	50	34	984	ST PETER 2 SW		
NC	27	9075		F	FIRST O.	SELECTED	MN006835	1947	1997 N	44	50	25 W	95	2	27	1090	REDWOOD FALLS FAA AR		
NC	27	9075		C	ACTIVE	SELECTED	MN009004	1947	1997 N	44	50	25 W	95	2	27	1090	WILLMAR STATE HOSPIT		
NC	27	9075		C	REGULAR1	SELECTED	MN000783	1947	1997 N	44	50	25 W	95	2	27	1090	BIRD ISLAND		
NC	27	9075		C	REGULAR2	SELECTED	MN008025	1947	1997 N	44	50	25 W	95	2	27	1090	STEWART		
NC	27	9075		C	REGULAR3	SELECTED	MN004778	1947	1997 N	44	50	25 W	95	2	27	1090	LITCHFIELD		
NC	29	0600		F	FIRST O.	SELECTED	MN0007963	1980	1997 N	40	12	16 W	94	0	51	1071	SPICKARD 7 W		
NC	29	0600		C	ACTIVE	SELECTED	MN000608	1980	1997 N	40	12	16 W	94	0	51	1071	BETHANY		
NC	29	0600		C	REGULAR1	SELECTED	MN006866	1980	1997 N	40	12	16 W	94	0	51	1071	PRINCETON 6 SW		
NC	29	0600		C	REGULAR2	SELECTED	MN003102	1980	1997 N	40	12	16 W	94	0	51	1071	GALLATIN 4 W		
NC	29	0600		C	REGULAR3	SELECTED	MN003369	1980	1997 N	40	12	16 W	94	0	51	1071	GRANT CITY		
NC	29	0700		F	FIRST O.	SELECTED	IL00510	1980	1997 N	38	1	25 W	90	29	7	864	BELLEVILLE SIU RESEA		
NC	29	0700		C	ACTIVE	SELECTED	MN006826	1980	1997 N	38	1	25 W	90	29	7	864	POTOSI 3 N		
NC	29	0700		C	REGULAR1	SELECTED	MN002809	1980	1997 N	38	1	25 W	90	29	7	864	FARMINGTON		
NC	29	0700		C	REGULAR2	SELECTED	MN002850	1980	1997 N	38	1	25 W	90	29	7	864	FESTUS		
NC	29	0700		C	REGULAR3	SELECTED	IL009002	1980	1997 N	38	1	25 W	90	29	7	864	WATERLOO		
NC	29	1002	B300	F	FIRST O.	SELECTED	MN001791	1980	1997 N	38	31	52 W	92	20	39	785	COLUMBIA AIRPORT		
NC	29	1002	B300	C	ACTIVE	SELECTED	MN004271	1980	1997 N	38	31	52 W	92	20	39	785	JEFFERSON CITY WTR P		
NC	29	1002	B300	C	REGULAR1	SELECTED	MN001189	1980	1997 N	38	31	52 W	92	20	39	785	CALIFORNIA		
NC	29	1002	B300	C	REGULAR2	SELECTED	MN002503	1980	1997 N	38	31	52 W	92	20	39	785	ELDON		
NC	29	1002	B300	C	REGULAR3	SELECTED	MN004694	1980	1997 N	38	31	52 W	92	20	39	785	LAKESIDE		
NC	29	1005	A300	F	FIRST O.	SELECTED	MN001791	1974	1997 N	38	14	43 W	92	35	52	605	COLUMBIA AIRPORT		
NC	29	1005	A300	C	ACTIVE	SELECTED	MN004694	1974	1997 N	38	14	43 W	92	35	52	605	LAKESIDE		
NC	29	1005	A300	C	REGULAR1	SELECTED	MN002503	1974	1997 N	38	14	43 W	92	35	52	605	ELDON		
NC	29	1005	A300	C	REGULAR2	SELECTED	MN001212	1974	1997 N	38	14	43 W	92	35	52	605	CAMDENTON 2 NW		
NC	29	1005	A300	C	REGULAR3	SELECTED	MN008603	1974	1997 N	38	14	43 W	92	35	52	605	VERSAILLES		
NC	29	1008		F	FIRST O.	SELECTED	MN004315	1980	1997 N	37	14	10 W	94	34	43	860	JOPLIN FAA AIRPORT		
NC	29	1008		C	ACTIVE	SELECTED	KS001740	1980	1997 N	37	14	10 W	94	34	43	860	COLUMBUS 1 SW		
NC	29	1008		C	REGULAR1	SELECTED	KS003074	1980	1997 N	37	14	10 W	94	34	43	860	GIRARD		
NC	29	1008		C	REGULAR2	SELECTED	MN004705	1980	1997 N	37	14	10 W	94	34	43	860	LAMAR		
NC	29	1008		C	REGULAR3	SELECTED	MN005976	1980	1997 N	37	14	10 W	94	34	43	860	NEOSHO		
NC	29	1010		F	FIRST O.	SELECTED	MN008614	1980	1997 N	37	48	6 W	92	13	36	942	VICHY AP		
NC	29	1010		C	ACTIVE	SELECTED	MN008777	1980	1997 N	37	48	6 W	92	13	36	942	WAYNESVILLE 2 W		
NC	29	1010		C	REGULAR1	SELECTED	MN004919	1980	1997 N	37	48	6 W	92	13	36	942	LICKING 4 N		
NC	29	1010		C	REGULAR2	SELECTED	MN007263	1980	1997 N	37	48	6 W	92	13	36	942	ROLLA UNI OF MISSOUR		
NC	29	1010		C	REGULAR3	SELECTED	MN004825	1980	1997 N	37	48	6 W	92	13	36	942	LEBANON 2 W		
NC	29	4036		F	FIRST O.	SELECTED	MN004358	1980	1997 N	39	17	27 W	94	30	35	983	KANSAS CITY WSMO AP		
NC	29	4036		C	ACTIVE	SELECTED	MN007862	1980	1997 N	39	17	27 W	94	30	35	983	SMITHVILLE LAKE		
NC	29	4036		F	REGULAR1	SELECTED	MN004359	1980	1997 N	39	17	27 W	94	30	35	983	KANSAS CITY DOWNTOWN		
NC	29	4036		C	REGULAR2	SELECTED	KS004588	1980	1997 N	39	17	27 W	94	30	35	983	LEAVENWORTH		
NC	29	4069		C	REGULAR3	SELECTED	MN004850	1980	1997 N	39	17	27 W	94	30	35	983	LEES SUMMIT REED WLR		
NC	29	4069		F	FIRST O.	SELECTED	MN004359	1974	1997 N	39	9	38 W	94	38	9	658	KANSAS CITY DOWNTOWN		
NC	29	4069		F	ACTIVE	SELECTED	MN004358	1974	1997 N	39	9	38 W	94	38	9	658	KANSAS CITY WSMO AP		
NC	29	4069		C	REGULAR1	SELECTED	MN004158	1974	1997 N	39	9	38 W	94	38	9	658	INDEPENDENCE 2		
NC	29	4069		C	REGULAR2	SELECTED	KS004588	1974	1997 N	39	9	38 W	94	38	9	658	LEAVENWORTH		
NC	29	4069		C	REGULAR3	SELECTED	KS005972	1974	1997 N	39	9	38 W	94	38	9	658	OLATHE 3 E		
NC	29	5000	A400	F	FIRST O.	SELECTED	MN007963	1977	1997 N	39	57	24 W	94	6	21	1006	SPICKARD 7 W		
NC	29	5000	A400	C	ACTIVE	SELECTED	MN000143	1977	1997 N	39	57	24 W	94	6	21	1006	AM		

Region	State	SHRP ID	SPS-GPS Link	FC	Weather Station Code	Selection Comment	WS ID	Coverage		Test Section Data						Weather Station Name		
								Period		Latitude			Longitude			Elev (ft)		
								Start	End	Dir	Deg	Min	Sec	Dir	Deg	Min	Sec	
NC	29	5091		C	ACTIVE	SELECTED	M0000143	1977	1997 N	39	57	48	W	94	6	5	993	AMITY 4 NE
NC	29	5091		C	REGULAR1	SELECTED	M0003568	1977	1997 N	39	57	48	W	94	6	5	993	HAMILTON 2 W
NC	29	5091		C	REGULAR2	SELECTED	M0000608	1977	1997 N	39	57	48	W	94	6	5	993	BETHANY
NC	29	5091		C	REGULAR3	SELECTED	M0008444	1977	1997 N	39	57	48	W	94	6	5	993	TRENTON
NC	29	5393		F	FIRST O.	SELECTED	M0007455	1957	1997 N	38	52	18	W	90	43	18	446	ST LOUIS WSCMO AIRPO
NC	29	5393		C	ACTIVE	SELECTED	M0008805	1957	1997 N	38	52	18	W	90	43	18	446	WELDON SPRING
NC	29	5393		C	REGULAR1	SELECTED	M0007397	1957	1997 N	38	52	18	W	90	43	18	446	ST CHARLES
NC	29	5393		C	REGULAR2	SELECTED	M0007398	1957	1997 N	38	52	18	W	90	43	18	446	ST CHARLES 7 SSW
NC	29	5393		C	REGULAR3	SELECTED	M0002591	1957	1997 N	38	52	18	W	90	43	18	446	ELSBERY 1 S
NC	29	5403		F	FIRST O.	SELECTED	TN002685	1965	1997 N	36	7	12	W	90	10	23	255	DYERSBURG FAA AIRPOR
NC	29	5403		C	ACTIVE	SELECTED	M0004417	1965	1997 N	36	7	12	W	90	10	23	255	KENNEDT RADIO KBOA
NC	29	5403		C	REGULAR1	SELECTED	AR005563	1965	1997 N	36	7	12	W	90	10	23	255	PARAGOULD 1 S
NC	29	5403		C	REGULAR2	SELECTED	AR000806	1965	1997 N	36	7	12	W	90	10	23	255	BLYTHEVILLE
NC	29	5403		C	REGULAR3	SELECTED	M0001364	1965	1997 N	36	7	12	W	90	10	23	255	CARTHERSVILLE
NC	29	5413		F	FIRST O.	SELECTED	TN002685	1965	1997 N	36	11	48	W	90	5	28	263	DYERSBURG FAA AIRPOR
NC	29	5413		C	ACTIVE	SELECTED	M0004417	1965	1997 N	36	11	48	W	90	5	28	263	KENNEDT RADIO KBOA
NC	29	5413		C	REGULAR1	SELECTED	AR000806	1965	1997 N	36	11	48	W	90	5	28	263	BLYTHEVILLE
NC	29	5413		C	REGULAR2	SELECTED	M0001364	1965	1997 N	36	11	48	W	90	5	28	263	CARTHERSVILLE
NC	29	5413		C	REGULAR3	SELECTED	AR005563	1965	1997 N	36	11	48	W	90	5	28	263	PARAGOULD 1 S
NC	29	5473		F	FIRST O.	SELECTED	M0001791	1960	1997 N	38	56	18	W	92	38	57	663	COLUMBIA AIRPORT
NC	29	5473		C	ACTIVE	SELECTED	M0000817	1960	1997 N	38	56	18	W	92	38	57	663	BOONVILLE
NC	29	5473		C	REGULAR1	SELECTED	M0006012	1960	1997 N	38	56	18	W	92	38	57	663	NEW FRANKLIN 1 W
NC	29	5473		C	REGULAR2	SELECTED	M0002823	1960	1997 N	38	56	18	W	92	38	57	663	FAYETTE
NC	29	5473		C	REGULAR3	SELECTED	M0001189	1960	1997 N	38	56	18	W	92	38	57	663	CALIFORNIA
NC	29	5483		F	FIRST O.	SELECTED	M0004359	1972	1997 N	39	9	42	W	94	25	45	746	KANSAS CITY DOWNTOWN
NC	29	5483		F	ACTIVE	SELECTED	M0004358	1972	1997 N	39	9	42	W	94	25	45	746	KANSAS CITY WSMO AP
NC	29	5483		C	REGULAR1	SELECTED	M0004158	1972	1997 N	39	9	42	W	94	25	45	746	INDEPENDENCE 2
NC	29	5483		C	REGULAR2	SELECTED	M0004850	1972	1997 N	39	9	42	W	94	25	45	746	LEES SUMMIT REED WLR
NC	29	5483		C	REGULAR3	SELECTED	M0002474	1972	1997 N	39	9	42	W	94	25	45	746	EDGERTON
NC	29	5503	B400	F	FIRST O.	SELECTED	M0004315	1980	1997 N	37	18	50	W	94	18	10	1243	JOPLIN FAA AIRPORT
NC	29	5503	B400	C	ACTIVE	SELECTED	M0004705	1980	1997 N	37	18	50	W	94	18	10	1243	LAMAR
NC	29	5503	B400	C	REGULAR1	SELECTED	M0001356	1980	1997 N	37	18	50	W	94	18	10	1243	CARTHAGE 5 S
NC	29	5503	B400	C	REGULAR2	SELECTED	M0005027	1980	1997 N	37	18	50	W	94	18	10	1243	LOCKWOOD
NC	29	5503	B400	C	REGULAR3	SELECTED	M0005862	1980	1997 N	37	18	50	W	94	18	10	1243	MT VERNON M U SW CTR
NC	29	6067		F	FIRST O.	SELECTED	M0000022	1965	1997 N	36	54	17	W	90	43	2	701	ADVANCE 1 S
NC	29	6067		C	ACTIVE	SELECTED	M0001674	1965	1997 N	36	54	17	W	90	43	2	701	CLEARWATER DAM
NC	29	6067		C	REGULAR1	SELECTED	M0008571	1965	1997 N	36	54	17	W	90	43	2	701	VAN BUREN RANGER STN
NC	29	6067		C	REGULAR2	SELECTED	M0006791	1965	1997 N	36	54	17	W	90	43	2	701	POPLAR BLUFF
NC	29	6067		C	REGULAR3	SELECTED	M0002289	1965	1997 N	36	54	17	W	90	43	2	701	DONIPHAN
NC	29	7054		F	FIRST O.	SELECTED	M0004315	1973	1997 N	37	0	18	W	94	34	20	1089	JOPLIN FAA AIRPORT
NC	29	7054		C	ACTIVE	SELECTED	M0005976	1973	1997 N	37	0	18	W	94	34	20	1089	NEOSHO
NC	29	7054		C	REGULAR1	SELECTED	M0001356	1973	1997 N	37	0	18	W	94	34	20	1089	CARTHAGE 5 S
NC	29	7054		C	REGULAR2	SELECTED	KS001740	1973	1997 N	37	0	18	W	94	34	20	1089	COLUMBUS 1 SW
NC	29	7054		C	REGULAR3	SELECTED	OK005855	1973	1997 N	37	0	18	W	94	34	20	1089	MIAMI
NC	29	7073		F	FIRST O.	SELECTED	M0007963	1980	1997 N	39	45	41	W	93	33	26	699	SPICKARD 7 W
NC	29	7073		C	ACTIVE	SELECTED	M0003568	1980	1997 N	39	45	41	W	93	33	26	699	HAMILTON 2 W
NC	29	7073		F	REGULAR1	SELECTED	M0001585	1980	1997 N	39	45	41	W	93	33	26	699	CHILLICOTHE RADIO KC
NC	29	7073		C	REGULAR2	SELECTED	M0002995	1980	1997 N	39	45	41	W	93	33	26	699	FOUNTAIN GROVE WILDL
NC	29	7073		C	REGULAR3	SELECTED	M0008444	1980	1997 N	39	45	41	W	93	33	26	699	TRENTON
NC	31	0100		F	FIRST O.	SELECTED	KS001767	1980	1997 N	40	4	16	W	97	37	26	1611	CONCORDIA WSO ARPT
NC	31	0100		C	ACTIVE	SELECTED	NE003735	1980	1997 N	40	4	16	W	97	37	26	1611	HEBRON
NC	31	0100		C	REGULAR1	SELECTED	KS000682	1980	1997 N	40	4	16	W	97	37	26	1611	BELLEVILLE
NC	31	0100		C	REGULAR2	SELECTED	NE002820	1980	1997 N	40	4	16	W	97	37	26	1611	FAIRBURY
NC	31	0100		C	REGULAR3	SELECTED	NE008320	1980	1997 N	40	4	16	W	97	37	26	1611	SUPERIOR
NC	31	0900		F	FIRST O.	SELECTED	KS001767	1980	1997 N	40	5	0	W	97	40	0	1638	CONCORDIA WSO ARPT
NC	31	0900		C	ACTIVE	SELECTED	NE003735	1980	1997 N	40	5	0	W	97	40	0	1638	HEBRON
NC	31	0900		C	REGULAR1	SELECTED	KS000682	1980	1997 N	40	5	0	W	97	40	0	1638	BELLEVILLE
NC	31	0900		C	REGULAR2	SELECTED	NE002820	1980	1997 N	40	5	0	W	97	40	0	1638	SUPERIOR
NC	31	0900		C	REGULAR3	SELECTED	NE002820	1980	1997 N	40	5	0	W	97	40	0	1639	FAIRBURY
NC	31	1030	A300	F	FIRST O.	SELECTED	NE005310	1980	1997 N	40	18	24	W	99	50	0	2300	MCCOOK
NC	31	1030	A300	C	ACTIVE	SELECTED	NE006640	1980	1997 N	40	18	24	W	99	50	0	2300	BEAVER CITY
NC	31	1030	A300	C	REGULAR1	SELECTED	NE001415	1980	1997 N	40	18	24	W	99	50	0	2300	CAMBRIDGE
NC	31	1030	A300	C	REGULAR2	SELECTED	NE005388	1980	1997 N	40	18	24	W	99	50	0	2300	MEDICINE CREEK DAM
NC	31	1030	A300	C	REGULAR3	SELECTED	NE003910	1980	1997 N	40	18	24	W	99	50	0	2300	HOLDREGE
NC	31	3018		F	FIRST O.	SELECTED	NE003395	1980	1997 N	40	40	12	W	99	2	58	2134	GRAND ISLAND WSO AP
NC	31	3018		C	ACTIVE	SELECTED	NE004335	1980	1997 N	40	40	12	W	99	2	58	2134	KEARNEY 4 NE
NC	31	3018		C	REGULAR1	SELECTED	NE005565	1980	1997 N	40	40	12	W	99	2	58	2134	MINDEN
NC	31	3018		C	REGULAR2	SELECTED	NE001684	1980	1997 N	40	49	22	W	98	21	42	1878	CLAY CENTER
NC	31	3023	B400	F	FIRST O.	SELECTED	NE001560	1980	1997 N	40	49	22	W	98	21	42	1878	CENTRAL CITY
NC	31	3024		F	FIRST O.	SELECTED	NE003395	1980	1997 N	40	49	20	W	98	5	44	1807	GRAND ISLAND WSO AP
NC	31	3024		C	ACTIVE	SELECTED	NE00445	1980	1997 N	40	49	20	W	98	5	44	1807	A

Region	State	SHRP ID	SPS-GPS Link	FC	Weather Station Code	Selection Comment	WS ID	Coverage		Test Section Data						Weather Station Name	
								Period		Latitude			Longitude			Elev (ft)	
								Start	End	Dir	Deg	Min	Sec	Dir	Deg	Min	Sec
NC	31	4019	C400	C	REGULAR2	SELECTED	NE008915	1976	1997 N	42	26	54 W	96	23	49	1100	WAKEFIELD
NC	31	4019	C400	C	REGULAR3	SELECTED	NE006018	1976	1997 N	42	26	54 W	96	23	49	1100	NE NEBRASKA EXP STN
NC	31	5052		F	FIRST O.	SELECTED	NE006260	1969	1997 N	41	17	59 W	96	4	15	1188	OMAHA 9 NW
NC	31	5052		C	ACTIVE	SELECTED	NE000930	1969	1997 N	41	17	59 W	96	4	15	1188	BLAIR
NC	31	5052		C	REGULAR1	SELECTED	NE003050	1969	1997 N	41	17	59 W	96	4	15	1188	FREMONT
NC	31	5052		C	REGULAR2	SELECTED	NE000375	1969	1997 N	41	17	59 W	96	4	15	1188	ASHLAND 2
NC	31	5052		C	REGULAR3	SELECTED	NE005362	1969	1997 N	41	17	59 W	96	4	15	1188	MEAD 6 S
NC	31	6700		F	FIRST O.	SELECTED	KS006374	1976	1997 N	40	23	46 W	99	26	22	2363	PHILLIPSBURG 1 SSE
NC	31	6700		C	ACTIVE	SELECTED	NE003910	1976	1997 N	40	23	46 W	99	26	22	2363	HOLDREGE
NC	31	6700		C	REGULAR1	SELECTED	NE006439	1976	1997 N	40	23	46 W	99	26	22	2363	OVERTON 3 W
NC	31	6700		C	REGULAR2	SELECTED	NE003595	1976	1997 N	40	23	46 W	99	26	22	2363	HARLAN COUNTY LAKE
NC	31	6700		C	REGULAR3	SELECTED	NE001450	1976	1997 N	40	23	46 W	99	26	22	2363	CANADAY STEAM PLANT
NC	31	6701		F	FIRST O.	SELECTED	NE003395	1964	1997 N	40	56	8 W	98	23	0	1871	GRAND ISLAND WSO AP
NC	31	6701		C	ACTIVE	SELECTED	NE003660	1964	1997 N	40	56	8 W	98	23	0	1871	HASTINGS 4 N
NC	31	6701		C	REGULAR1	SELECTED	NE000445	1964	1997 N	40	56	8 W	98	23	0	1871	AURORA
NC	31	6701		C	REGULAR2	SELECTED	NE001560	1964	1997 N	40	56	8 W	98	23	0	1871	CENTRAL CITY
NC	31	6701		C	REGULAR3	SELECTED	NE007515	1964	1997 N	40	56	8 W	98	23	0	1871	SAINT PAUL 4 N
NC	31	6702		F	FIRST O.	SELECTED	NE007665	1973	1997 N	41	6	48 W	102	55	1	4244	SCOTTSBLUFF AP
NC	31	6702		C	ACTIVE	SELECTED	NE007830	1973	1997 N	41	6	48 W	102	55	1	4244	SIDNEY 6 NNW
NC	31	6702		F	REGULAR1	SELECTED	NE007835	1973	1997 N	41	6	48 W	102	55	1	4244	SIDNEY 3 S
NC	31	6702		C	REGULAR2	SELECTED	NE004900	1973	1997 N	41	6	48 W	102	55	1	4244	LOGGEPOLE
NC	31	6702		C	REGULAR3	SELECTED	NE002145	1973	1997 N	41	6	48 W	102	55	1	4244	DALTON
NC	31	7005		F	FIRST O.	SELECTED	NE004815	1961	1997 N	41	2	40 W	96	17	36	1061	LINCOLN
NC	31	7005		C	ACTIVE	SELECTED	NE000375	1961	1997 N	41	2	40 W	96	17	36	1061	ASHLAND 2
NC	31	7005		C	REGULAR1	SELECTED	NE005362	1961	1997 N	41	2	40 W	96	17	36	1061	MEAD 6 S
NC	31	7005		C	REGULAR2	SELECTED	NE000900	1961	1997 N	41	2	40 W	96	17	36	1061	WEEPING WATER
NC	31	7005		C	REGULAR3	SELECTED	NE008905	1961	1997 N	41	2	40 W	96	17	36	1061	WAHOO
NC	31	7017		F	FIRST O.	SELECTED	SD009502	1952	1997 N	42	25	22 W	97	9	3	1117	YANKTON 2 E
NC	31	7017		C	ACTIVE	SELECTED	NE006018	1952	1997 N	42	25	22 W	97	9	3	1117	NE NEBRASKA EXP STN
NC	31	7017		C	REGULAR1	SELECTED	NE003630	1952	1997 N	42	25	22 W	97	9	3	1117	HARTINGTON
NC	31	7017		C	REGULAR2	SELECTED	NE008915	1952	1997 N	42	25	22 W	97	9	3	1117	WAKEFIELD
NC	31	7017		C	REGULAR3	SELECTED	NE006395	1952	1997 N	42	25	22 W	97	9	3	1117	OSMOND
NC	31	7040		F	FIRST O.	SELECTED	NE006260	1950	1997 N	41	27	6 W	96	25	50	1172	OMAHA 9 NW
NC	31	7040		C	ACTIVE	SELECTED	NE003050	1950	1997 N	41	27	6 W	96	25	50	1172	FREMONT
NC	31	7040		C	REGULAR1	SELECTED	NE000930	1950	1997 N	41	27	6 W	96	25	50	1172	BLAIR
NC	31	7040		C	REGULAR2	SELECTED	NE008905	1950	1997 N	41	27	6 W	96	25	50	1172	WAHOO
NC	31	7040		C	REGULAR3	SELECTED	NE005362	1950	1997 N	41	27	6 W	96	25	50	1172	MEAD 6 S
NC	31	7050		F	FIRST O.	SELECTED	NE004795	1962	1997 N	40	49	18 W	97	0	40	1483	LINCOLN AIRPORT
NC	31	7050		C	ACTIVE	SELECTED	NE007715	1962	1997 N	40	49	18 W	97	0	40	1483	SEWARD
NC	31	7050		C	REGULAR1	SELECTED	NE002020	1962	1997 N	40	49	18 W	97	0	40	1483	CRETE
NC	31	7050		F	REGULAR2	SELECTED	NE004815	1962	1997 N	40	49	18 W	97	0	40	1483	LINCOLN
NC	31	7050		C	REGULAR3	SELECTED	NE002205	1962	1997 N	40	49	18 W	97	0	40	1483	DAVID CITY
NC	38	0200		F	FIRST O.	SELECTED	ND002859	1980	1997 N	46	53	0 W	97	10	0	932	FARGO WSO AP
NC	38	0200		C	ACTIVE	SELECTED	ND001408	1980	1997 N	46	53	0 W	97	10	0	932	CASSELTON AGRONOMY F
NC	38	0200		C	REGULAR1	SELECTED	MN005586	1980	1997 N	46	53	0 W	97	10	0	932	MOORHEAD
NC	38	0200		C	REGULAR2	SELECTED	MN003104	1980	1997 N	46	53	0 W	97	10	0	932	GEORGETOWN 1 E
NC	38	0200		C	REGULAR3	SELECTED	ND002695	1980	1997 N	46	53	0 W	97	10	0	932	ENDERLIN 2 W
NC	38	2001		F	FIRST O.	SELECTED	ND003616	1978	1997 N	47	55	59 W	97	25	37	922	GRAND FORKS FAA AP
NC	38	2001		C	ACTIVE	SELECTED	ND005013	1978	1997 N	47	55	59 W	97	25	37	922	LARIMORE
NC	38	2001		C	REGULAR1	SELECTED	ND003621	1978	1997 N	47	55	59 W	97	25	37	922	GRAND FORKS UNIV NWS
NC	38	2001		C	REGULAR2	SELECTED	ND007027	1978	1997 N	47	55	59 W	97	25	37	922	PETERSBURG 2 N
NC	38	2001		C	REGULAR3	SELECTED	ND005660	1978	1997 N	47	55	59 W	97	25	37	922	MAYVILLE
NC	38	3005		F	FIRST O.	SELECTED	ND002158	1980	1997 N	48	1	55 W	98	15	20	1518	DEVILS LAKE KDLR
NC	38	3005		C	ACTIVE	SELECTED	ND007027	1980	1997 N	48	1	55 W	98	15	20	1518	PETERSBURG 2 N
NC	38	3005		C	REGULAR1	SELECTED	ND005764	1980	1997 N	48	1	55 W	98	15	20	1518	MC VILLE
NC	38	3005		C	REGULAR2	SELECTED	ND002525	1980	1997 N	48	1	55 W	98	15	20	1518	EDMORE 1 NW
NC	38	3005		C	REGULAR3	SELECTED	ND005013	1980	1997 N	48	1	55 W	98	15	20	1518	LARIMORE
NC	38	3006		F	FIRST O.	SELECTED	ND005988	1980	1997 N	48	21	17 W	100	4	2	1530	MINOT FAA AIRPORT
NC	38	3006		C	ACTIVE	SELECTED	ND007704	1980	1997 N	48	21	17 W	100	4	2	1530	RUGBY
NC	38	3006		C	REGULAR1	SELECTED	ND008792	1980	1997 N	48	21	17 W	100	4	2	1530	TOWNER 2 NE
NC	38	3006		C	REGULAR2	SELECTED	ND009445	1980	1997 N	48	21	17 W	100	4	2	1530	WILLOW CITY
NC	38	3006		C	REGULAR3	SELECTED	ND002304	1980	1997 N	48	21	17 W	100	4	2	1530	DRAKE 9 NE
NC	38	5002		F	FIRST O.	SELECTED	ND002859	1973	1997 N	46	41	36 W	96	49	54	915	FARGO WSO AP
NC	38	5002		C	ACTIVE	SELECTED	ND001408	1973	1997 N	46	41	36 W	96	49	54	915	CASSELTON AGRONOMY F
NC	38	5002		C	REGULAR1	SELECTED	ND005754	1973	1997 N	46	41	36 W	96	49	54	915	MC LEOD 3 E
NC	38	5002		C	REGULAR2	SELECTED	ND009100	1973	1997 N	46	41	36 W	96	49	54	915	WAHPETON 3 N
NC	39	0100		F	FIRST O.	SELECTED	OH001786	1980	1997 N	40	23	0 W	83	3	45	950	COLUMBUS WSO AIRPORT
NC	39	0100		C	ACTIVE	SELECTED	OH002119	1980	1997 N	40	23	0 W	83	3	45	950	DELaware
NC	39	0100		C	REGULAR1	SELECTED	OH002119	1980	1997 N	40	23	0 W	83	3	45	950	MARION 2 N
NC	39	0100		C	REGULAR2	SELECTED	OH004942	1980	1997 N	40	23	0 W	83	3	45	950	WESTERVILLE
NC	39	0100		C	REGULAR3	SELECTED	OH008951	1980	1997 N	40	23	0 W	83	3	45	950	WESTERVILLE
NC	39	0800		F	FIRST O.	SELECTED	OH004979	1980	1997 N	40	23	0 W	83	3	45	950	MARYSVILLE
NC	39	0800		C	ACTIVE	SELECTED	OH001786	1980	1997 N	40	23	0 W	83	3	45	950	COLUMBUS WSO AIRPORT
NC	39	0800		C	REGULAR1	SELECTED	OH002119	1980	1997 N	40	23	0 W	83</td				

Region	State	SHRP ID	SPS-GPS Link	FC	Weather Station Code	Selection Comment	WS ID	Coverage		Test Section Data						Weather Station Name	
								Period		Latitude			Longitude			Elev (ft)	
								Start	End	Dir	Deg	Min	Sec	Dir	Deg	Min	Sec
NC	39	3801	B400	F	FIRST O.	SELECTED	PA006993	1980	1997 N	40	0	6 W	80	44	42	655	PITTSBURGH WSCOM 2 A
NC	39	3801	B400	C	ACTIVE	SELECTED	WV009482	1980	1997 N	40	0	6 W	80	44	42	655	WHEELING
NC	39	3801	B400	C	REGULAR1	SELECTED	WV006248	1980	1997 N	40	0	6 W	80	44	42	655	MOUNDSVILLE
NC	39	3801	B400	C	REGULAR2	SELECTED	WV007018	1980	1997 N	40	0	6 W	80	44	42	655	PIKE ISLAND LOCK AND
NC	39	3801	B400	C	REGULAR3	SELECTED	OH00430	1980	1997 N	40	0	6 W	80	44	42	655	BARNESVILLE
NC	39	4018	A400	F	FIRST O.	SELECTED	OH002075	1975	1997 N	39	49	58 W	83	59	46	858	DAYTON WSO AIRPORT
NC	39	4018	A400	C	ACTIVE	SELECTED	OH002067	1975	1997 N	39	49	58 W	83	59	46	858	DAYTON MCD
NC	39	4018	A400	C	REGULAR1	SELECTED	OH007935	1975	1997 N	39	49	58 W	83	59	46	858	SPRINGFIELD NEW WTR
NC	39	4018	A400	C	REGULAR2	SELECTED	OH009361	1975	1997 N	39	49	58 W	83	59	46	858	XENIA 6 SSE
NC	39	4018	A400	C	REGULAR3	SELECTED	OH008552	1975	1997 N	39	49	58 W	83	59	46	858	URBANA WWTP
NC	39	4031		F	FIRST O.	SELECTED	OH001786	1969	1997 N	39	59	33 W	83	7	7	872	COLUMBUS WSO AIRPORT
NC	39	4031		C	ACTIVE	SELECTED	OH001783	1969	1997 N	39	59	33 W	83	7	7	872	COLUMBUS VLY CROSSIN
NC	39	4031		C	REGULAR1	SELECTED	OH008951	1969	1997 N	39	59	33 W	83	7	7	872	WESTERVILLE
NC	39	4031		C	REGULAR2	SELECTED	OH004681	1969	1997 N	39	59	33 W	83	7	7	872	LONDON
NC	39	4031		C	REGULAR3	SELECTED	OH003987	1969	1997 N	39	59	33 W	83	7	7	872	IRWIN
NC	39	5003		F	FIRST O.	SELECTED	OH001657	1980	1997 N	41	18	21 W	82	9	5	753	CLEVELAND WSFO AP
NC	39	5003		C	ACTIVE	SELECTED	OH006196	1980	1997 N	41	18	21 W	82	9	5	753	BERLIN
NC	39	5003		C	REGULAR1	SELECTED	OH002599	1980	1997 N	41	18	21 W	82	9	5	753	ELYRIA 3 E
NC	39	5003		C	REGULAR2	SELECTED	OH001541	1980	1997 N	41	18	21 W	82	9	5	753	CHIPPEWA LAKE
NC	39	5003		C	REGULAR3	SELECTED	OH006118	1980	1997 N	41	18	21 W	82	9	5	753	NORWALK WWTP
NC	39	5010		F	FIRST O.	SELECTED	OH009409	1975	1997 N	40	58	47 W	80	38	7	1160	YOUNGSTOWN WSO AP
NC	39	5010		C	ACTIVE	SELECTED	OH001245	1975	1997 N	40	58	47 W	80	38	7	1160	CANFIELD 1 S
NC	39	5010		C	REGULAR1	SELECTED	OH005356	1975	1997 N	40	58	47 W	80	38	7	1160	MINERAL RIDGE WTR WK
NC	39	5010		C	REGULAR2	SELECTED	PA006233	1975	1997 N	40	58	47 W	80	38	7	1160	NEW CASTLE 1 N
NC	39	5010		C	REGULAR3	SELECTED	OH008769	1975	1997 N	40	58	47 W	80	38	7	1160	WARREN 3 S
NC	39	5569		F	FIRST O.	SELECTED	WV006859	1971	1997 N	39	20	14 W	82	4	54	719	PARKERSBURG
NC	39	5569		C	ACTIVE	SELECTED	OH001288	1971	1997 N	39	20	14 W	82	4	54	719	CARPENTER 2 S
NC	39	5569		C	REGULAR1	SELECTED	OH008378	1971	1997 N	39	20	14 W	82	4	54	719	TOM JENKINS DAM-BURR
NC	39	5569		C	REGULAR2	SELECTED	OH005041	1971	1997 N	39	20	14 W	82	4	54	719	MC CONNELSVILLE LOCK
NC	39	5569		C	REGULAR3	SELECTED	OH005857	1971	1997 N	39	20	14 W	82	4	54	719	NEW LEXINGTON 2 NW
NC	39	7021		F	FIRST O.	SELECTED	OH008366	1967	1997 N	41	35	52 W	83	33	5	628	TOLEDO BLADE
NC	39	7021		F	ACTIVE	SELECTED	OH008357	1967	1997 N	41	35	52 W	83	33	5	628	TOLEDO EXPRESS WSO A
NC	39	7021		C	REGULAR1	SELECTED	OH008862	1967	1997 N	41	35	52 W	83	33	5	628	BOWLING GREEN WWTP
NC	39	7021		C	REGULAR2	SELECTED	OH006346	1967	1997 N	41	35	52 W	83	33	5	628	OTTAWA NWR
NC	39	7021		C	REGULAR3	SELECTED	MI005558	1967	1997 N	41	35	52 W	83	33	5	628	MONROE
NC	39	9006		F	FIRST O.	SELECTED	OH002075	1964	1997 N	39	30	13 W	83	53	25	1008	DAYTON WSO AIRPORT
NC	39	9006		C	ACTIVE	SELECTED	OH009219	1964	1997 N	39	30	13 W	83	53	25	1008	WILMINGTON 3 N
NC	39	9006		C	REGULAR1	SELECTED	OH009361	1964	1997 N	39	30	13 W	83	53	25	1008	XENIA 6 SSE
NC	39	9006		C	REGULAR2	SELECTED	OH002928	1964	1997 N	39	30	13 W	83	53	25	1008	FRANKLIN
NC	39	9006		C	REGULAR3	SELECTED	OH002067	1964	1997 N	39	30	13 W	83	53	25	1008	DAYTON MCD
NC	39	9022		F	FIRST O.	SELECTED	OH001786	1970	1997 N	40	3	0 W	82	54	0	841	COLUMBUS WSO AIRPORT
NC	39	9022		C	ACTIVE	SELECTED	OH008951	1970	1997 N	40	3	0 W	82	54	0	841	WESTERVILLE
NC	39	9022		C	REGULAR1	SELECTED	OH001783	1970	1997 N	40	3	0 W	82	54	0	841	COLUMBUS VLY CROSSIN
NC	39	9022		C	REGULAR2	SELECTED	OH002119	1970	1997 N	40	3	0 W	82	54	0	841	DELAWARE
NC	39	9022		C	REGULAR3	SELECTED	OH001404	1970	1997 N	40	3	0 W	82	54	0	841	CENTERBURG 2 SE
NC	46	0600		F	FIRST O.	SELECTED	SD000020	1980	1997 N	45	27	29 W	98	6	49	1317	ABERDEEN WSO AP
NC	46	0600		C	ACTIVE	SELECTED	SD001873	1980	1997 N	45	27	29 W	98	6	49	1317	COLUMBIA 8 N
NC	46	0600		C	REGULAR1	SELECTED	SD001917	1980	1997 N	45	27	29 W	98	6	49	1317	CONDE
NC	46	0600		C	REGULAR2	SELECTED	SD005456	1980	1997 N	45	27	29 W	98	6	49	1317	MELLETTE
NC	46	0600		C	REGULAR3	SELECTED	SD001049	1980	1997 N	45	27	29 W	98	6	49	1317	BRITTON
NC	46	0800		F	FIRST O.	SELECTED	SD005691	1980	1997 N	45	56	2 W	100	25	19	1680	MOBRIDGE 2 NNW
NC	46	0800		C	ACTIVE	SELECTED	SD006712	1980	1997 N	45	56	2 W	100	25	19	1680	POLLOCK
NC	46	0800		C	REGULAR1	SELECTED	ND003207	1980	1997 N	45	56	2 W	100	25	19	1680	FORT YATES 4 SW
NC	46	0800		C	REGULAR2	SELECTED	SD005406	1980	1997 N	45	56	2 W	100	25	19	1680	MC LAUGHLIN
NC	46	0800		C	REGULAR3	SELECTED	ND005210	1980	1997 N	45	56	2 W	100	25	19	1680	LINTON
NC	46	3009		F	FIRST O.	SELECTED	SD008932	1975	1997 N	44	51	26 W	97	2	20	1800	WATERTOWN FAA AP
NC	46	3009		C	ACTIVE	SELECTED	SD001519	1975	1997 N	44	51	26 W	97	2	20	1800	CASTLEWOOD
NC	46	3009		C	REGULAR1	SELECTED	SD001777	1975	1997 N	44	51	26 W	97	2	20	1800	CLEAR LAKE
NC	46	3009		C	REGULAR2	SELECTED	SD008116	1975	1997 N	44	51	26 W	97	2	20	1800	SUMMIT 1 W
NC	46	3009		C	REGULAR3	SELECTED	SD005536	1975	1997 N	44	51	26 W	97	2	20	1800	MILBANK 2 SSW
NC	46	3010		F	FIRST O.	SELECTED	SD008930	1980	1997 N	45	37	9 W	96	59	21	1207	WATERTOWN FAA AP
NC	46	3010		C	ACTIVE	SELECTED	SD007742	1980	1997 N	45	37	9 W	96	59	21	1207	SISSETON
NC	46	3010		C	REGULAR1	SELECTED	MDN01063	1980	1997 N	45	37	9 W	96	59	21	1207	BROWNS VALLEY
NC	46	3010		C	REGULAR2	SELECTED	SD008980	1980	1997 N	45	37	9 W	96	59	21	1207	WAUBAY NATL WILDLIFE
NC	46	3010		C	REGULAR3	SELECTED	SD008116	1980	1997 N	45	37	9 W	96	59	21	1207	SUMMIT 1 W
NC	46	3012		F	FIRST O.	SELECTED	SD007882	1980	1997 N	44	19	55 W	103	26	20	3640	SPEARFISH
NC	46	3012		C	ACTIVE	SELECTED	SD003069	1980	1997 N	44	19	55 W	103	26	20	3640	FORT MEADE
NC	46	3012		C	REGULAR1	SELECTED	SD002207	1976	1997 N	44	31	21 W	103	54	20	3640	DEADWOOD
NC	46	3012		C	REGULAR2	SELECTED	SD004834	1980	1997 N	44	19	55 W	103	26	20	3640	LEAD
NC	46	3012		C	REGULAR3	SELECTED	SD006947	1980	1997 N	44	19	55 W	103	26	20	3640	RAPID CITY 4 NW
NC	46	3013		F	FIRST O.	SELECTED	SD007882	1976	1997 N	44	31	21 W	103	54	20	3609	SPEARFISH
NC	46	3013		C	ACTIVE	SELECTED	SD000559	1976	1997 N	44	31	21 W	103	54	20	3609	BELLE FOURCHE
NC	46	3013		C	REGULAR1	SELECTED	SD002207	1976	1997 N	44	31	21 W	103	54	20	3609	DEADWOOD
NC	46	3013		C	REGULAR2	SELECTED	SD004834										

Region	State	SHRP ID	SPS-GPS Link	FC	Weather Station Code	Selection Comment	WS ID	Coverage		Test Section Data						Weather Station Name	
								Period		Latitude			Longitude			Elev (ft)	
								Start	End	Dir	Deg	Min	Sec	Dir	Deg	Min	Sec
NC	46	5025		C	REGULAR1	SELECTED	SD001972	1974	1997 N	43	51	33 W	101	56	17	2588	COTTONWOOD 2 E
NC	46	5025		C	REGULAR2	SELECTED	SD008911	1974	1997 N	43	51	33 W	101	56	17	2588	WASTA
NC	46	5025		C	REGULAR3	SELECTED	SD004983	1974	1997 N	43	51	33 W	101	56	17	2588	LONG VALLEY
NC	46	5040		F	FIRST O.	SELECTED	SD007667	1963	1997 N	43	36	31 W	96	48	54	1513	SIOUX FALLS WSFO
NC	46	5040		C	ACTIVE	SELECTED	SD001392	1963	1997 N	43	36	31 W	96	48	54	1513	CANTON 4 WNW
NC	46	5040		C	REGULAR1	SELECTED	SD005228	1963	1997 N	43	36	31 W	96	48	54	1513	MARION
NC	46	5040		C	REGULAR2	SELECTED	SD005090	1963	1997 N	43	36	31 W	96	48	54	1513	MADISON 2 SE
NC	46	5040		C	REGULAR3	SELECTED	SD009042	1963	1997 N	43	36	31 W	96	48	54	1513	WENTWORTH 2 WNW
NC	46	6600	A400	F	FIRST O.	SELECTED	SD009502	1975	1997 N	42	52	12 W	97	8	0	1156	YANKTON 2 E
NC	46	6600	A400	C	ACTIVE	SELECTED	SD008622	1975	1997 N	42	52	12 W	97	8	0	1156	VERMILLION 2 SE
NC	46	6600	A400	C	REGULAR1	SELECTED	NE003165	1975	1997 N	42	52	12 W	97	8	0	1156	GAVINS POINT DAM
NC	46	6600	A400	C	REGULAR2	SELECTED	SD001579	1975	1997 N	42	52	12 W	97	8	0	1156	CENTERVILLE 6 SE
NC	46	6600	A400	C	REGULAR3	SELECTED	NE003630	1975	1997 N	42	52	12 W	97	8	0	1156	HARTINGTON
NC	46	7049		F	FIRST O.	SELECTED	SD009502	1980	1997 N	43	1	5 W	97	23	56	974	YANKTON 2 E
NC	46	7049		C	ACTIVE	SELECTED	SD005481	1980	1997 N	43	1	5 W	97	23	56	974	MENNO
NC	46	7049		C	REGULAR1	SELECTED	NE003165	1980	1997 N	43	1	5 W	97	23	56	974	GAVINS POINT DAM
NC	46	7049		F	REGULAR2	SELECTED	SD008472	1980	1997 N	43	1	5 W	97	23	56	974	TYNDALL
NC	46	7049		C	REGULAR3	SELECTED	SD001579	1980	1997 N	43	1	5 W	97	23	56	974	CENTERVILLE 6 SE
NC	46	9106		F	FIRST O.	SELECTED	SD004864	1959	1997 N	45	51	1 W	102	10	36	2405	LEMMON
NC	46	9106		C	ACTIVE	SELECTED	ND004178	1959	1997 N	45	51	1 W	102	10	36	2405	HETTINGER
NC	46	9106		C	REGULAR1	SELECTED	SD000701	1959	1997 N	45	51	1 W	102	10	36	2405	BISON
NC	46	9106		C	REGULAR2	SELECTED	ND007311	1959	1997 N	45	51	1 W	102	10	36	2405	Pretty Rock
NC	46	9106		C	REGULAR3	SELECTED	SD003316	1959	1997 N	45	51	1 W	102	10	36	2405	GLAD VALLEY 2 W
NC	46	9187		F	FIRST O.	SELECTED	SD006552	1980	1997 N	44	46	17 W	102	3	18	2360	PHILIP 3 E
NC	46	9187		C	ACTIVE	SELECTED	SD006636	1980	1997 N	44	46	17 W	102	3	18	2360	PLAINVIEW 4 SSW
NC	46	9187		C	REGULAR1	SELECTED	SD002852	1980	1997 N	44	46	17 W	102	3	18	2360	FAITH
NC	46	9187		C	REGULAR2	SELECTED	SD007073	1980	1997 N	44	46	17 W	102	3	18	2360	RED OWL
NC	46	9187		C	REGULAR3	SELECTED	SD005544	1980	1997 N	44	46	17 W	102	3	18	2360	MILESVILLE 5 NE
NC	46	9197		F	FIRST O.	SELECTED	SD004127	1964	1997 N	44	4	5 W	98	30	23	1450	HURON AP
NC	46	9197		C	ACTIVE	SELECTED	SD009070	1964	1997 N	44	4	5 W	98	30	23	1450	WESSIONGTON SPRINGS
NC	46	9197		C	REGULAR1	SELECTED	SD003029	1964	1997 N	44	4	5 W	98	30	23	1450	FORESTBURG 3 NE
NC	46	9197		C	REGULAR2	SELECTED	SD009232	1964	1997 N	44	4	5 W	98	30	23	1450	WHITE LAKE
NC	46	9197		C	REGULAR3	SELECTED	SD003217	1964	1997 N	44	4	5 W	98	30	23	1450	GANN VALLEY 4 NW
NC	55	0900		F	FIRST O.	SELECTED	WI004370	1980	1997 N	43	59	48 W	90	26	57	1600	LA CROSSE FAA AIRPOR
NC	55	0900		C	ACTIVE	SELECTED	WI005164	1980	1997 N	43	59	48 W	90	26	57	1600	MATHER 3 NW
NC	55	0900		C	REGULAR1	SELECTED	WI005786	1980	1997 N	43	59	48 W	90	26	57	1600	NECEDAH
NC	55	0900		C	REGULAR2	SELECTED	WI007997	1980	1997 N	43	59	48 W	90	26	57	1600	SPARTA
NC	55	0900		C	REGULAR3	SELECTED	WI001280	1980	1997 N	43	59	48 W	90	26	57	1600	CASHTON
NC	55	3008		F	FIRST O.	SELECTED	WI005479	1975	1997 N	43	24	30 W	87	54	38	803	MILWAUKEE WSO AIRPOR
NC	55	3008		C	ACTIVE	SELECTED	WI006764	1975	1997 N	43	24	30 W	87	54	38	803	PORT WASHINGTON
NC	55	3008		C	REGULAR1	SELECTED	WI009050	1975	1997 N	43	24	30 W	87	54	38	803	WEST BEND
NC	55	3008		C	REGULAR2	SELECTED	WI003058	1975	1997 N	43	24	30 W	87	54	38	803	GERMANTOWN
NC	55	3008		C	REGULAR3	SELECTED	WI006678	1975	1997 N	43	24	30 W	87	54	38	803	PLYMOUTH
NC	55	3009		F	FIRST O.	SELECTED	WI003269	1980	1997 N	43	45	12 W	87	51	50	750	GREEN BAY WSO
NC	55	3009		C	ACTIVE	SELECTED	WI006678	1980	1997 N	43	45	12 W	87	51	50	750	PLYMOUTH
NC	55	3009		C	REGULAR1	SELECTED	WI007725	1980	1997 N	43	45	12 W	87	51	50	750	SHEBOYGAN
NC	55	3009		C	REGULAR2	SELECTED	WI001568	1980	1997 N	43	45	12 W	87	51	50	750	CHILTON
NC	55	3009		C	REGULAR3	SELECTED	WI005017	1980	1997 N	43	45	12 W	87	51	50	750	MANITOWOC
NC	55	3010		F	FIRST O.	SELECTED	WI003269	1978	1997 N	43	45	7 W	87	47	43	690	GREEN BAY WSO
NC	55	3010		C	ACTIVE	SELECTED	WI007725	1978	1997 N	43	45	7 W	87	47	43	690	SHEBOYGAN
NC	55	3010		C	REGULAR1	SELECTED	WI006678	1978	1997 N	43	45	7 W	87	47	43	690	PLYMOUTH
NC	55	3010		C	REGULAR2	SELECTED	WI005017	1978	1997 N	43	45	7 W	87	47	43	690	MANITOWOC
NC	55	3010		C	REGULAR3	SELECTED	WI006764	1978	1997 N	43	45	7 W	87	47	43	690	PORT WASHINGTON
NC	55	3012		F	FIRST O.	SELECTED	MN004353	1977	1997 N	44	47	8 W	92	42	10	948	MINNEAPOLIS WSO AP
NC	55	3012		C	ACTIVE	SELECTED	WI007226	1977	1997 N	44	47	8 W	92	42	10	948	RIVER FALLS
NC	55	3012		C	REGULAR1	SELECTED	WI002556	1977	1997 N	44	47	8 W	92	42	10	948	ELLSWORTH 1 E
NC	55	3012		C	REGULAR2	SELECTED	MN008037	1977	1997 N	44	47	8 W	92	42	10	948	STILLWATER 1 SE
NC	55	3012		C	REGULAR3	SELECTED	MN007377	1977	1997 N	44	47	8 W	92	42	10	948	ST PAUL
NC	55	3014		F	FIRST O.	SELECTED	IL007382	1976	1997 N	42	37	17 W	88	37	39	947	ROCKFORD WSO AP
NC	55	3014		C	ACTIVE	SELECTED	WI004457	1976	1997 N	42	37	17 W	88	37	39	947	LAKE GENEVA
NC	55	3014		C	REGULAR1	SELECTED	WI001900	1976	1997 N	42	37	17 W	88	37	39	947	WHITEWATER
NC	55	3014		C	REGULAR2	SELECTED	WI001205	1976	1997 N	42	37	17 W	88	37	39	947	BURLINGTON
NC	55	3014		C	REGULAR3	SELECTED	WI003979	1976	1997 N	42	37	17 W	88	37	39	947	JANESVILLE
NC	55	3015		F	FIRST O.	SELECTED	WI004961	1980	1997 N	43	42	53 W	89	28	29	827	MADISON WSO AIRPORT
NC	55	3015		C	ACTIVE	SELECTED	WI003405	1980	1997 N	44	0	50 W	89	30	34	1000	HANCOCK EXP FARM
NC	55	3016		C	REGULAR1	SELECTED	WI005581	1980	1997 N	44	0	50 W	89	30	34	1000	MONTELLO
NC	55	3016		C	REGULAR2	SELECTED	WI005786	1980	1997 N	44	0	50 W	89	30	34	1000	NECEDAH
NC	55	3016		C	REGULAR3	SELECTED	WI009335	1980	1997 N	44	0	50 W	89	30	34	1000	WISCONSIN RAPIDS
NC	55	3019		F	FIRST O.	SELECTED	WI007132	1976	1997 N	46	3	10 W	91	26	30	1227	RICE LAKE
NC	55	3019		C	ACTIVE	SELECTED	WI007174	1973	1997 N	45	20	26 W	91	41	44	1064	RIDGELAND 1 NNE
NC	55	3037		C	REGULAR1	SELECTED	WI009144	1973	1997 N	45	20	26 W	91	41	44	1064	WEYERHAUSER
NC	55	3037		C	REGULAR2	SELECTED	WI009094	1973	1997 N	45	20	26 W	91	41	44	1064	BLOOMER
NC	55	3037		C	REGULAR3	SELECTED	WI001923	1973	1997 N	45	20	26 W	91	41	44	1064	CUMBERLAND
NC	55	5040		F	FIRST O.	SELECTED	WI003269	1980	1997 N</								

Region	State	SHRP ID	SPS-GPS Link	FC	Weather Station Code	Selection Comment	WS ID	Coverage		Test Section Data						Weather Station Name	
								Period		Latitude			Longitude			Elev (ft)	
								Start	End	Dir	Deg	Min	Sec	Dir	Deg	Min	Sec
NC	55	6351		C	REGULAR3	SELECTED	WI001416	1980	1997 N	42	59	20 W	90	0	36	1195	CHARMANY FARM
NC	55	6352		F	FIRST O.	SELECTED	WI004961	1980	1997 N	43	0	34 W	89	50	52	1238	MADISON WSO AIRPORT
NC	55	6352		C	ACTIVE	SELECTED	WI002173	1980	1997 N	43	0	34 W	89	50	52	1238	DODGEVILLE
NC	55	6352		C	REGULAR1	SELECTED	WI001416	1980	1997 N	43	0	34 W	89	50	52	1238	CHARMANY FARM
NC	55	6352		C	REGULAR2	SELECTED	WI006838	1980	1997 N	43	0	34 W	89	50	52	1238	PRAIRIE DU SAC 2 N
NC	55	6352		C	REGULAR3	SELECTED	WI000273	1980	1997 N	43	0	34 W	89	50	52	1238	ARBORETUM UNIV WIS
NC	55	6353		F	FIRST O.	SELECTED	WI004961	1980	1997 N	43	0	10 W	89	58	41	1147	MADISON WSO AIRPORT
NC	55	6353		C	ACTIVE	SELECTED	WI002173	1980	1997 N	43	0	10 W	89	58	41	1147	DODGEVILLE
NC	55	6353		C	REGULAR1	SELECTED	WI002001	1980	1997 N	43	0	10 W	89	58	41	1147	DARLINGTON
NC	55	6353		C	REGULAR2	SELECTED	WI006838	1980	1997 N	43	0	10 W	89	58	41	1147	PRAIRIE DU SAC 2 N
NC	55	6353		C	REGULAR3	SELECTED	WI001416	1980	1997 N	43	0	10 W	89	58	41	1147	CHARMANY FARM
NC	55	6354		F	FIRST O.	SELECTED	WI004961	1980	1997 N	43	0	35 W	89	56	10	1192	MADISON WSO AIRPORT
NC	55	6354		C	ACTIVE	SELECTED	WI002173	1980	1997 N	43	0	35 W	89	56	10	1192	DODGEVILLE
NC	55	6354		C	REGULAR1	SELECTED	WI001416	1980	1997 N	43	0	35 W	89	56	10	1192	CHARMANY FARM
NC	55	6354		C	REGULAR2	SELECTED	WI006838	1980	1997 N	43	0	35 W	89	56	10	1192	PRAIRIE DU SAC 2 N
NC	55	6354		C	REGULAR3	SELECTED	WI002001	1980	1997 N	43	0	35 W	89	56	10	1192	DARLINGTON
NC	55	6355		F	FIRST O.	SELECTED	WI004961	1980	1997 N	43	0	36 W	89	48	57	1244	MADISON WSO AIRPORT
NC	55	6355		C	ACTIVE	SELECTED	WI002173	1980	1997 N	43	0	36 W	89	48	57	1244	DODGEVILLE
NC	55	6355		C	REGULAR1	SELECTED	WI001416	1980	1997 N	43	0	36 W	89	48	57	1244	CHARMANY FARM
NC	55	6355		C	REGULAR2	SELECTED	WI006838	1980	1997 N	43	0	36 W	89	48	57	1244	ARBORETUM UNIV WIS
NC	55	6355		C	REGULAR3	SELECTED	WI002001	1980	1997 N	43	0	36 W	89	48	57	1244	PRAIRIE DU SAC 2 N
NC	55	A900		F	FIRST O.	SELECTED	WI005479	1980	1997 N	42	57	25 W	88	1	34	650	MILWAUKEE WSO AIRPOR
NC	55	A900		C	ACTIVE	SELECTED	WI005474	1980	1997 N	42	57	25 W	88	1	34	650	MILWAUKEE MT MARY CO
NC	55	A900		C	REGULAR1	SELECTED	WI008937	1980	1997 N	42	57	25 W	88	1	34	650	WAUKESHA
NC	55	A900		C	REGULAR2	SELECTED	WI003058	1980	1997 N	42	57	25 W	88	1	34	650	GERMANTOWN
NC	55	A900		C	REGULAR3	SELECTED	WI006922	1980	1997 N	42	57	25 W	88	1	34	650	RACINE
NC	55	B900		F	FIRST O.	SELECTED	WI005479	1980	1997 N	42	58	14 W	87	59	49	650	MILWAUKEE WSO AIRPOR
NC	55	B900		C	ACTIVE	SELECTED	WI005474	1980	1997 N	42	58	14 W	87	59	49	650	MILWAUKEE MT MARY CO
NC	55	B900		C	REGULAR1	SELECTED	WI008937	1980	1997 N	42	58	14 W	87	59	49	650	WAUKESHA
NC	55	B900		C	REGULAR2	SELECTED	WI003058	1980	1997 N	42	58	14 W	87	59	49	650	GERMANTOWN
NC	55	B900		C	REGULAR3	SELECTED	WI006922	1980	1997 N	42	58	14 W	87	59	49	650	RACINE
NC	83	0500		F	FIRST O.	SELECTED	ND006947	1971	1997 N	49	39	28 W	96	16	33	1178	PEMBINA
NC	83	0500		C	ACTIVE	SELECTED	503B0NE	1971	1997 N	49	39	28 W	96	16	33	1178	OSTENFELD
NC	83	0500		C	REGULAR1	SELECTED	5022780	1971	1997 N	49	39	28 W	96	16	33	1178	STEINBACH
NC	83	0500		C	REGULAR2	SELECTED	5030160	1971	1997 N	49	39	28 W	96	16	33	1178	BEAUSEJOUR 2
NC	83	0500		C	REGULAR3	SELECTED	5020810	1971	1997 N	49	39	28 W	96	16	33	1178	DUGALD
NC	83	1801	A300	F	FIRST O.	SELECTED	5010480	1980	1997 N	49	46	10 W	100	32	24	1400	BRANDON A
NC	83	1801	A300	C	ACTIVE	SELECTED	5012719	1980	1997 N	49	46	10 W	100	32	24	1400	SOURIS
NC	83	1801	A300	C	REGULAR1	SELECTED	5012960	1980	1997 N	49	46	10 W	100	32	24	1400	VIRDEN
NC	83	1801	A300	C	REGULAR2	SELECTED	5010538	1980	1997 N	49	46	10 W	100	32	24	1400	CAMERON
NC	83	1801	A300	C	REGULAR3	SELECTED	5012054	1980	1997 N	49	46	10 W	100	32	24	1400	OAKNER
NC	83	3802		F	FIRST O.	SELECTED	ND006947	1971	1997 N	49	39	28 W	96	16	33	1178	PEMBINA
NC	83	3802		C	ACTIVE	SELECTED	5021054	1980	1997 N	49	37	39 W	97	8	17	773	GLENLEA
NC	83	3802		C	REGULAR1	SELECTED	5022043	1980	1997 N	49	37	39 W	97	8	17	773	NIVERVILLE
NC	83	3802		C	REGULAR2	SELECTED	5022780	1980	1997 N	49	37	39 W	97	8	17	773	STEINBACH
NC	83	3802		F	REGULAR3	SELECTED	5023222	1980	1997 N	49	37	39 W	97	8	17	773	WINNipeg INT'L A
NC	83	6450		F	FIRST O.	SELECTED	ND006947	1971	1997 N	49	39	42 W	96	18	24	958	PEMBINA
NC	83	6450		C	ACTIVE	SELECTED	503B0NE	1971	1997 N	49	39	42 W	96	18	24	958	OSTENFELD
NC	83	6450		C	REGULAR1	SELECTED	5022780	1971	1997 N	49	39	42 W	96	18	24	958	STEINBACH
NC	83	6450		C	REGULAR2	SELECTED	5030160	1971	1997 N	49	39	42 W	96	18	24	958	BEAUSEJOUR 2
NC	83	6451		C	REGULAR3	SELECTED	5020810	1971	1997 N	49	39	42 W	96	18	24	958	DUGALD
NC	83	6451		F	FIRST O.	SELECTED	ND006947	1971	1997 N	49	39	43 W	96	18	24	958	PEMBINA
NC	83	6451		C	ACTIVE	SELECTED	503B0NE	1971	1997 N	49	39	43 W	96	18	24	958	OSTENFELD
NC	83	6451		C	REGULAR1	SELECTED	5022780	1971	1997 N	49	39	43 W	96	18	24	958	STEINBACH
NC	83	6451		C	REGULAR2	SELECTED	5030160	1971	1997 N	49	39	43 W	96	18	24	958	BEAUSEJOUR 2
NC	83	6451		C	REGULAR3	SELECTED	5020810	1971	1997 N	49	39	43 W	96	18	24	958	DUGALD
NC	83	6452		F	FIRST O.	SELECTED	ND006947	1961	1997 N	49	49	22 W	97	0	43	772	PEMBINA
NC	83	6452		C	ACTIVE	SELECTED	5010480	1976	1997 N	49	57	43 W	98	49	24	900	BRANDON A
NC	83	6454		C	ACTIVE	SELECTED	5041684	1976	1997 N	49	57	43 W	98	49	24	900	MACGREGOR
NC	83	6454		C	REGULAR1	SELECTED	50410N0	1976	1997 N	49	57	43 W	98	49	24	900	GLADSTONE SOUTH
NC	83	6454		C	REGULAR2	SELECTED	5012322	1976	1997 N	49	57	43 W	98	49	24	900	PORTAGE LA PRAIRIE 2
NC	83	6454		C	REGULAR3	SELECTED	5022335	1976	1997 N	49	57	43 W	98	49	24	900	RATHWELL
NC	90	6400		F	FIRST O.	SELECTED	4019080	1969	1997 N	51	54	8 W	105	18	29	1785	WYNYARD
NC	90	6400		C	ACTIVE	SELECTED	4058492	1969	1997 N	51	54	8 W	105	18	29	1785	VISCOUNT
NC	90	6405	B300	C	REGULAR1	SELECTED	4013038	1969	1997 N	51	54	8 W	105	18	29	1785	GUERNSEY
NC	90	6405	B300	C	REGULAR2	SELECTED	4018640	1969	1997 N	51	54	8 W	105	18	29	1785	WATROUS
NC	90	6405	B300	C	REGULAR3	SELECTED	4051636	1969	1997 N	51	54	8 W	105	18	29	1785	COLONSAY
NC	90	6410		F	FIRST O.	SELECTED	4018510	1972	1997 N	50	22	38 W	102	15	51	1967	WAPELLA PIPESTONE
NC	90	6405	B300	C	ACTIVE	SELECTED	4019035	1969	1997 N	51	54	8 W	105	18	29	1785	WYNYARD
NC	90	6405	B300	C	REGULAR1	SELECTED	4058492	1969	1997 N	51	54	8 W	105	18	29	1785	VISCOUNT
NC	90	6405	B300	C	REGULAR2	SELECTED	4013038	1969	1997 N	51	54	8 W	105	18	29	1785	GUERNSEY
NC	90	6405	B300	C	REGULAR3	SELECTED	4018640	1969	1997 N	51	54	8 W	105	18	29	1785	WATROUS
NC	90	6410		F	FIRST O.	SELECTED	4045600	1968	1997 N	52	3	27 W	106	35	59	1680	NORTH BATTLEFORD A
NC	90	6410		C													

Region	State	SHRP ID	SPS-GPS Link	FC	Weather Station Code	Selection Comment	WS ID	Coverage		Test Section Data						Weather Station Name	
								Period		Latitude			Longitude			Elev (ft)	
								Start	End	Dir	Deg	Min	Sec	Dir	Deg	Min	
NC	90	6801		C	ACTIVE	SELECTED	4018880	1972	1997 N	50	23	4 W	102	15	29	1965	WHITEWOOD
NC	90	6801		C	REGULAR1	SELECTED	4018508	1972	1997 N	50	23	4 W	102	15	29	1965	WAPELLA NEWFINLAND
NC	90	6801		F	REGULAR2	SELECTED	4010879	1972	1997 N	50	23	4 W	102	15	29	1965	BROADVIEW
NC	90	6801		C	REGULAR3	SELECTED	4018510	1972	1997 N	50	23	4 W	102	15	29	1965	WAPELLA PESTONE
SR	01	0100		F	FIRST O.	SELECTED	GA002166	1980	1997 N	32	36	22 W	85	15	4	151	COLUMBUS WSO AIRPORT
SR	01	0100		C	ACTIVE	SELECTED	AL006129	1980	1997 N	32	36	22 W	85	15	4	151	OPELIKA
SR	01	0100		C	REGULAR1	SELECTED	AL000430	1980	1997 N	32	36	22 W	85	15	4	151	AUBURN AGRONOMY FARM
SR	01	0100		C	REGULAR2	SELECTED	GA009291	1980	1997 N	32	36	22 W	85	15	4	151	WEST POINT
SR	01	0100		C	REGULAR3	SELECTED	AL004502	1980	1997 N	32	36	22 W	85	15	4	151	LAFAYETTE 2 W
SR	01	1001		F	FIRST O.	SELECTED	GA002166	1980	1997 N	32	31	59 W	85	4	47	495	COLUMBUS WSO AIRPORT
SR	01	1001		C	ACTIVE	SELECTED	AL006129	1980	1997 N	32	31	59 W	85	4	47	495	OPELIKA
SR	01	1001		C	REGULAR1	SELECTED	GA009291	1980	1997 N	32	31	59 W	85	4	47	495	WEST POINT
SR	01	1001		C	REGULAR2	SELECTED	AL000430	1980	1997 N	32	31	59 W	85	4	47	495	AUBURN AGRONOMY FARM
SR	01	1001		C	REGULAR3	SELECTED	AL004502	1980	1997 N	32	31	59 W	85	4	47	495	LAFAYETTE 2 W
SR	01	1011		F	FIRST O.	SELECTED	AL004064	1980	1997 N	34	54	28 W	87	49	30	610	HUNTSVILLE WSO AP
SR	01	1011		C	ACTIVE	SELECTED	MS004455	1980	1997 N	34	54	28 W	87	49	30	610	IUKA SS
SR	01	1011		F	REGULAR1	SELECTED	AL005749	1980	1997 N	34	54	28 W	87	49	30	610	MUSCLE SHOALS AP
SR	01	1011		C	REGULAR2	SELECTED	TN009502	1980	1997 N	34	54	28 W	87	49	30	610	WAYNESBORO
SR	01	1011		C	REGULAR3	SELECTED	AL007131	1980	1997 N	34	54	28 W	87	49	30	610	RUSSELLVILLE NO 2
SR	01	1019	B300	F	FIRST O.	SELECTED	AL005478	1980	1997 N	31	21	10 W	88	1	56	61	MOBILE WSO ARPT
SR	01	1019	B300	C	ACTIVE	SELECTED	AL004193	1980	1997 N	31	21	10 W	88	1	56	61	JACKSON
SR	01	1019	B300	C	REGULAR1	SELECTED	AL001566	1980	1997 N	31	21	10 W	88	1	56	61	CHATOM
SR	01	1019	B300	C	REGULAR2	SELECTED	AL008867	1980	1997 N	31	21	10 W	88	1	56	61	WHATLEY
SR	01	1019	B300	C	REGULAR3	SELECTED	AL000583	1980	1997 N	31	21	10 W	88	1	56	61	BAY MINETTE 3 NNW
SR	01	1021		F	FIRST O.	SELECTED	AL005550	1980	1997 N	32	33	8 W	86	12	9	182	MONTGOMERY WSO ARPT
SR	01	1021		C	ACTIVE	SELECTED	AL005439	1980	1997 N	32	33	8 W	86	12	9	182	MILSTEAD
SR	01	1021		C	REGULAR1	SELECTED	AL005140	1980	1997 N	32	33	8 W	86	12	9	182	WALNUT HILL 3 W
SR	01	1021		C	REGULAR2	SELECTED	AL007020	1980	1997 N	32	33	8 W	86	12	9	182	ROCKFORD 3 ESE
SR	01	1021		C	REGULAR3	SELECTED	AL001600	1980	1997 N	32	33	8 W	86	12	9	182	ALEXANDER CITY
SR	01	3028		F	FIRST O.	SELECTED	AL008031	1971	1997 N	33	36	41 W	86	38	58	810	BIRMINGHAM FAA ARPT
SR	01	3028		C	ACTIVE	SELECTED	AL006478	1971	1997 N	33	36	41 W	86	38	58	810	PINSON
SR	01	3028		C	REGULAR1	SELECTED	AL000764	1971	1997 N	33	36	41 W	86	38	58	810	BESSEMER 3 WSW
SR	01	3028		C	REGULAR2	SELECTED	AL000764	1971	1997 N	33	36	41 W	86	38	58	810	ONEONTA
SR	01	3028		C	REGULAR3	SELECTED	AL001620	1971	1997 N	33	36	41 W	86	38	58	810	CHILDEBURG WATER P
SR	01	3998		F	FIRST O.	SELECTED	AL008380	1972	1997 N	32	43	25 W	88	7	0	130	TUSCALOOSA ACFD
SR	01	3998		C	ACTIVE	SELECTED	AL003160	1972	1997 N	32	43	25 W	88	7	0	130	GAINESVILLE LOCK
SR	01	3998		C	REGULAR1	SELECTED	AL004798	1972	1997 N	32	43	25 W	88	7	0	130	LIVINGSTON 2 SW
SR	01	3998		C	REGULAR2	SELECTED	AL002245	1972	1997 N	32	43	25 W	88	7	0	130	DEMOPOLIS LOCK AND D
SR	01	3998		C	REGULAR3	SELECTED	AL00178	1972	1997 N	32	43	25 W	88	7	0	130	ALICEVILLE
SR	01	4007		F	FIRST O.	SELECTED	AL008031	1970	1997 N	33	35	9 W	86	40	51	847	BIRMINGHAM FAA ARPT
SR	01	4007		C	ACTIVE	SELECTED	AL006478	1970	1997 N	33	35	9 W	86	40	51	847	PINSON
SR	01	4007		C	REGULAR1	SELECTED	AL000764	1970	1997 N	33	35	9 W	86	40	51	847	BESSEMER 3 WSW
SR	01	4007		C	REGULAR2	SELECTED	AL006121	1970	1997 N	33	35	9 W	86	40	51	847	ONEONTA
SR	01	4007		C	REGULAR3	SELECTED	AL001620	1970	1997 N	33	35	9 W	86	40	51	847	CHILDEBURG WATER P
SR	01	4073		F	FIRST O.	SELECTED	TN006162	1980	1997 N	34	45	29 W	85	54	26	637	MONTEAGLE
SR	01	4073		C	ACTIVE	SELECTED	AL007304	1980	1997 N	34	45	29 W	85	54	26	637	SCOTTSBORO
SR	01	4073		C	REGULAR1	SELECTED	AL001099	1980	1997 N	34	45	29 W	85	54	26	637	BRIDGEPORT 5 NW
SR	01	4073		C	REGULAR2	SELECTED	AL008469	1980	1997 N	34	45	29 W	85	54	26	637	VALLEY HEAD
SR	01	4073		C	REGULAR3	SELECTED	TN009800	1980	1997 N	34	45	29 W	85	54	26	637	WINCHESTER 2 W
SR	01	4084		F	FIRST O.	SELECTED	AL008031	1970	1997 N	33	28	29 W	86	55	45	545	BIRMINGHAM FAA ARPT
SR	01	4084		C	ACTIVE	SELECTED	AL00764	1970	1997 N	33	28	29 W	86	55	45	545	BESSEMER 3 WSW
SR	01	4084		C	REGULAR1	SELECTED	AL006478	1970	1997 N	33	28	29 W	86	55	45	545	PINSON
SR	01	4084		C	REGULAR2	SELECTED	AL000505	1970	1997 N	33	28	29 W	86	55	45	545	BANKHEAD LOCK AND DA
SR	01	4084		C	REGULAR3	SELECTED	AL001620	1970	1997 N	33	28	29 W	86	55	45	545	CHILDEBURG WATER P
SR	01	4125	A300	F	FIRST O.	SELECTED	AL005550	1972	1997 N	32	25	19 W	86	14	38	185	MONTGOMERY WSO AP
SR	01	4125	A300	C	ACTIVE	SELECTED	AL005439	1972	1997 N	32	25	19 W	86	14	38	185	MILSTEAD
SR	01	4125	A300	C	REGULAR1	SELECTED	AL005140	1972	1997 N	32	25	19 W	86	14	38	185	WALNUT HILL 3 W
SR	01	4125	A300	C	REGULAR2	SELECTED	AL007020	1972	1997 N	32	25	19 W	86	14	38	185	ROCKFORD 3 ESE
SR	01	4125	A300	C	REGULAR3	SELECTED	AL003816	1972	1997 N	32	25	19 W	86	14	38	185	HIGHLAND HOME
SR	01	4126		F	FIRST O.	SELECTED	AL004064	1980	1997 N	34	10	46 W	86	52	30	760	HUNTSVILLE WSO AP
SR	01	4126		C	ACTIVE	SELECTED	AL007157	1980	1997 N	34	10	46 W	86	52	30	760	SAINT BERNARD
SR	01	4126		C	REGULAR1	SELECTED	AL006121	1980	1997 N	34	10	46 W	86	52	30	760	ONEONTA
SR	01	4126		C	REGULAR2	SELECTED	AL007955	1980	1997 N	34	10	46 W	86	52	30	760	SUMITON
SR	01	4126		C	REGULAR3	SELECTED	AL004226	1980	1997 N	34	10	46 W	86	52	30	760	JASPER
SR	01	4127		F	FIRST O.	SELECTED	AL004064	1974	1997 N	34	50	27 W	87	21	42	658	HUNTSVILLE WSO AP
SR	01	4127		C	ACTIVE	SELECTED	AL005635	1974	1997 N	34	50	27 W	87	21	42	658	MUSCLE SHOALS AP
SR	01	4127		C	REGULAR1	SELECTED	AL005749	1974	1997 N	34	50	27 W	87	21	42	658	ATHENS 2
SR	01	4127		C	REGULAR2	SELECTED	AL00395	1974	1997 N	34	50	27 W	87	21	42	658	LAWRENCEBURG FILTER
SR	01	4127		C	REGULAR3	SELECTED	TN005089	1974	1997 N	34	50	27 W	87	21	42	658	ANNISTON FAA AP
SR	01	4129		F	FIRST O.	SELECTED	AL00272	1976	1997 N	33	3	6 W	86	8	36	737	SYLACAUGA 4 NE
SR	01	4129		C	REGULAR1	SELECTED	AL007020	1976	1997 N	33	3	6 W	86	8	36	737	ROCKFORD 3 ESE
SR	01	4129		C	REGULAR2	SELECTED	AL000160	1976	1997 N	33	3	6 W	86	8	36	737	ALEXANDER CITY
SR	01	4129		C	REGULAR3	SELECTED	AL001620	1976	1997 N	33	3	6 W	86	8	36	737	CHILDEBURG WATER P
SR	01	4155	C300, 0500	F	FIRST O.	SELECTED	FL00										

Region	State	SHRP ID	SPS-GPS Link	FC	Weather Station Code	Selection Comment	WS ID	Coverage		Test Section Data						Weather Station Name	
								Period		Latitude			Longitude			Elev (ft)	
								Start	End	Dir	Deg	Min	Sec	Dir	Deg	Min	Sec
SR	01	6019		C	REGULAR2	SELECTED	AL003105	1966	1997 N	30	59	20 W	87	42	2	214	FRISCO CITY 3 SSW
SR	01	6019		C	REGULAR3	SELECTED	AL002813	1966	1997 N	30	59	20 W	87	42	2	214	FAIRHOPE 2 NE
SR	05	0100		F	FIRST O.	SELECTED	AR000460	1980	1997 N	35	42	57 W	90	34	42	222	BATESVILLE L&D 1
SR	05	0100		C	ACTIVE	SELECTED	AR003998	1980	1997 N	35	42	57 W	90	34	42	222	LAKE CITY
SR	05	0100		C	REGULAR1	SELECTED	AR003734	1980	1997 N	35	42	57 W	90	34	42	222	JONESBORO 4 N
SR	05	0100		C	REGULAR2	SELECTED	AR005563	1980	1997 N	35	42	57 W	90	34	42	222	PARAGOULD 1 S
SR	05	0100		C	REGULAR3	SELECTED	AR003821	1980	1997 N	35	42	57 W	90	34	42	222	KEISER
SR	05	0200		F	FIRST O.	SELECTED	AR004248	1980	1997 N	34	32	22 W	92	40	58	320	LITTLE ROCK CWOS AP
SR	05	0200		C	ACTIVE	SELECTED	AR000582	1980	1997 N	34	32	22 W	92	40	58	320	BENTON
SR	05	0200		C	REGULAR1	SELECTED	AR004562	1980	1997 N	34	32	22 W	92	40	58	320	MALVERN
SR	05	0200		C	REGULAR2	SELECTED	AR000130	1980	1997 N	34	32	22 W	92	40	58	320	ALUM FORK
SR	05	0200		C	REGULAR3	SELECTED	AR003466	1980	1997 N	34	32	22 W	92	40	58	320	HOT SPRINGS 1 NNE
SR	05	0800		F	FIRST O.	SELECTED	AR004248	1980	1997 N	34	11	40 W	91	55	25	210	LITTLE ROCK CWOS AP
SR	05	0800		C	ACTIVE	SELECTED	AR005754	1980	1997 N	34	11	40 W	91	55	25	210	PINE BLUFF
SR	05	0800		C	REGULAR1	SELECTED	AR006562	1980	1997 N	34	11	40 W	91	55	25	210	SHERIDAN
SR	05	0800		C	REGULAR2	SELECTED	AR003862	1980	1997 N	34	11	40 W	91	55	25	210	KEO
SR	05	0800		C	REGULAR3	SELECTED	AR002148	1980	1997 N	34	11	40 W	91	55	25	210	DUMAS
SR	05	0900		F	FIRST O.	SELECTED	AR004248	1980	1997 N	34	29	9 W	92	12	29	300	LITTLE ROCK CWOS AP
SR	05	0900		C	ACTIVE	SELECTED	AR003862	1980	1997 N	34	29	9 W	92	12	29	300	KEO
SR	05	0900		C	REGULAR1	SELECTED	AR006562	1980	1997 N	34	29	9 W	92	12	29	300	SHERIDAN
SR	05	0900		C	REGULAR2	SELECTED	AR005754	1980	1997 N	34	29	9 W	92	12	29	300	PINE BLUFF
SR	05	0900		C	REGULAR3	SELECTED	AR000582	1980	1997 N	34	29	9 W	92	12	29	300	BENTON
SR	05	2042		F	FIRST O.	SELECTED	LA006303	1972	1997 N	33	8	3 W	91	50	18	140	MONROE FCWOS
SR	05	2042		C	ACTIVE	SELECTED	AR001730	1972	1997 N	33	8	3 W	91	50	18	140	CROSSETT 2 SSE
SR	05	2042		C	REGULAR1	SELECTED	AR005866	1972	1997 N	33	8	3 W	91	50	18	140	PORTLAND
SR	05	2042		C	REGULAR2	SELECTED	LA005037	1972	1997 N	33	8	3 W	91	50	18	140	BASTROP
SR	05	2042		C	REGULAR3	SELECTED	AR004900	1972	1997 N	33	8	3 W	91	50	18	140	MONTICELLO 3 SW
SR	05	3011		F	FIRST O.	SELECTED	AR000460	1980	1997 N	35	19	54 W	91	32	13	223	BATESVILLE L&D 1
SR	05	3011		C	ACTIVE	SELECTED	AR006506	1980	1997 N	35	19	54 W	91	32	13	223	SEARCY
SR	05	3011		C	REGULAR1	SELECTED	AR005186	1980	1997 N	35	19	54 W	91	32	13	223	NEWPORT
SR	05	3011		C	REGULAR2	SELECTED	AR001968	1980	1997 N	35	19	54 W	91	32	13	223	DES ARC
SR	05	3011		C	REGULAR3	SELECTED	AR000536	1980	1997 N	35	19	54 W	91	32	13	223	BEDEVILLE 4 NE
SR	05	3048		F	FIRST O.	SELECTED	AR000936	1980	1997 N	34	22	20 W	91	7	41	200	BRINKLEY
SR	05	3048		C	ACTIVE	SELECTED	AR006376	1980	1997 N	34	22	20 W	91	7	41	200	SAINT CHARLES
SR	05	3048		C	REGULAR1	SELECTED	AR006920	1980	1997 N	34	22	20 W	91	7	41	200	STUTTGART 9 ESE
SR	05	3048		C	REGULAR2	SELECTED	AR001442	1980	1997 N	34	22	20 W	91	7	41	200	CLARENDRN
SR	05	3048		C	REGULAR3	SELECTED	AR002040	1980	1997 N	34	22	20 W	91	7	41	200	ARKANSAS POST
SR	05	3058		F	FIRST O.	SELECTED	AR000460	1980	1997 N	35	47	31 W	90	36	43	237	BATESVILLE L&D 1
SR	05	3058		C	ACTIVE	SELECTED	AR003734	1980	1997 N	35	47	31 W	90	36	43	237	JONESBORO 4 N
SR	05	3058		C	REGULAR1	SELECTED	AR003998	1980	1997 N	35	47	31 W	90	36	43	237	LAKE CITY
SR	05	3058		C	REGULAR2	SELECTED	AR005563	1980	1997 N	35	47	31 W	90	36	43	237	PARAGOULD 1 S
SR	05	3058		C	REGULAR3	SELECTED	AR000064	1980	1997 N	35	47	31 W	90	36	43	237	ALICIA
SR	05	3059	C400	F	FIRST O.	SELECTED	AR002574	1979	1997 N	35	17	45 W	94	24	55	522	FORT SMITH WSO AIRPO
SR	05	3059	C400	C	ACTIVE	SELECTED	OK007254	1979	1997 N	35	17	45 W	94	24	55	522	POTEAU WATER WORKS
SR	05	3059	C400	C	REGULAR1	SELECTED	OK007862	1979	1997 N	35	17	45 W	94	24	55	522	SALLISAW 2 NW
SR	05	3059	C400	C	REGULAR2	SELECTED	AR005018	1979	1997 N	35	17	45 W	94	24	55	522	MOUNTAINBURG 2 NE
SR	05	3059	C400	C	REGULAR3	SELECTED	AR000832	1979	1997 N	35	17	45 W	94	24	55	522	BOONEVILLE 3 SSSE
SR	05	3071	A300	F	FIRST O.	SELECTED	MO005704	1980	1997 N	36	16	1 W	94	9	2	1311	MONETT 4 SW
SR	05	3071	A300	C	ACTIVE	SELECTED	AR000586	1980	1997 N	36	16	1 W	94	9	2	1311	BENTONVILLE 4 S
SR	05	3071	A300	C	REGULAR1	SELECTED	AR002444	1980	1997 N	36	16	1 W	94	9	2	1311	FAYETTEVILLE EXP STN
SR	05	3071	A300	C	REGULAR2	SELECTED	AR002930	1980	1997 N	36	16	1 W	94	9	2	1311	GRAVETTE
SR	05	3071	A300	C	REGULAR3	SELECTED	AR002356	1980	1997 N	36	16	1 W	94	9	2	1311	EUREKA SPRINGS 3 WNW
SR	05	3073		F	FIRST O.	SELECTED	AR005320	1965	1997 N	34	48	32 W	92	19	2	264	NORTH LITTLE ROCK WS
SR	05	3073		F	ACTIVE	SELECTED	AR004248	1965	1997 N	34	48	32 W	92	19	2	264	LITTLE ROCK CWOS AP
SR	05	3073		C	REGULAR1	SELECTED	AR001102	1965	1997 N	34	48	32 W	92	19	2	264	CABOT 4 SW
SR	05	3073		C	REGULAR2	SELECTED	AR001596	1965	1997 N	34	48	32 W	92	19	2	264	CONWAY
SR	05	3073		C	REGULAR3	SELECTED	AR003862	1965	1997 N	34	48	32 W	92	19	2	264	KEO
SR	05	3074		C	REGULAR1	SELECTED	AR003862	1965	1997 N	34	48	32 W	92	19	2	264	KEO
SR	05	3074		C	REGULAR2	SELECTED	AR003862	1965	1997 N	34	48	32 W	92	19	2	264	KEO
SR	05	3074		C	REGULAR3	SELECTED	AR003862	1965	1997 N	34	48	32 W	92	19	2	264	KEO
SR	05	3074		F	FIRST O.	SELECTED	AR000936	1975	1997 N	35	13	52 W	91	42	21	228	BRINKLEY
SR	05	3074		C	ACTIVE	SELECTED	AR006506	1966	1997 N	35	0	41 W	90	50	29	224	BEDEVILLE 4 NE
SR	05	3074		C	REGULAR1	SELECTED	MS008998	1966	1997 N	35	0	41 W	90	50	29	224	TUNICA 2
SR	05	4019	B400	F	FIRST O.	SELECTED	AR004248	1973	1997 N	34	13	1 W	91	57	55	212	LITTLE ROCK CWOS AP
SR	05	4019	B400	C	ACTIVE	SELECTED	AR005754	1973	1997 N	34	13	1 W	91	57	55	212	PINE BLUFF
SR	05	4019	B400	C	REGULAR1	SELECTED	AR006823	1973	1997 N	34	13	1 W	91	57	55	212	STAR CITY
SR	05	4019	B400	C	REGULAR2	SELECTED	AR006562	1973	1997 N	34	13	1 W	91	57	55	212	SHERIDAN
SR	05	4019	B400	C	REGULAR3	SELECTED	AR003862	1973	1997 N	34	13	1 W	91	57	55	212	KEO
SR	05	4021	A400	F	FIRST O.	SELECTED	AR005320	1970	1997 N	34	57	56 W	92	2	43	273	NORTH LITTLE ROCK WS
SR	05	4021	A400	C	ACTIVE	SELECTED	AR001102	1970	1997 N	34	57	56 W	92	2	43	273	CABOT 4 SW
SR	05	4021	A400	F	REGULAR1	SELECTED	AR004248	1970	1997 N	34	57	56 W	92	2	43	273	LITTLE ROCK CWOS AP
SR	05	4021	A400	C	REGULAR2	SELECTED	AR006506	1970	1997 N	34	57	56 W	92	2	43	273	SEARCY
SR	05	4021	A400	C	REGULAR3	SELECTED	AR001102	1975	1997 N	35	13	52 W	91	42	21	228	CABOT 4 SW
SR	05	4046		F	FIRST O.	SELECTED	AR000460	1979</									

Region	State	SHRP ID	SPS-GPS Link	FC	Weather Station Code	Selection Comment	WS ID	Coverage		Test Section Data						Weather Station Name	
								Period		Latitude			Longitude			Elev (ft)	
								Start	End	Dir	Deg	Min	Sec	Dir	Deg	Min	Sec
SR	05	A600		F	FIRST O.	SELECTED	AR004248	1979	1997 N	34	25	58 W	92	11	42	300	LITTLE ROCK CWOS AP
SR	05	A600		C	ACTIVE	SELECTED	AR006562	1979	1997 N	34	25	58 W	92	11	42	300	SHERIDAN
SR	05	A600		C	REGULAR1	SELECTED	AR003862	1979	1997 N	34	25	58 W	92	11	42	300	KEO
SR	05	A600		C	REGULAR2	SELECTED	AR005754	1979	1997 N	34	25	58 W	92	11	42	300	PINE BLUFF
SR	05	A600		C	REGULAR3	SELECTED	AR000582	1979	1997 N	34	25	58 W	92	11	42	300	BENTON
SR	12	0100		F	FIRST O.	SELECTED	FL009525	1980	1997 N	26	32	36 W	80	41	30	14	WEST PALM BEACH WSO
SR	12	0100		C	ACTIVE	SELECTED	FL000611	1980	1997 N	26	32	36 W	80	41	30	14	BELLE GLADE EXP STN
SR	12	0100		C	REGULAR1	SELECTED	FL001654	1980	1997 N	26	32	36 W	80	41	30	14	CLEWISTON US ENGINEE
SR	12	0100		C	REGULAR2	SELECTED	FL001276	1980	1997 N	26	32	36 W	80	41	30	14	CANAL POINT USDA
SR	12	0100		C	REGULAR3	SELECTED	FL002298	1980	1997 N	26	32	36 W	80	41	30	14	DEVILS GARDEN
SR	12	0500		F	FIRST O.	SELECTED	FL009525	1970	1997 N	26	59	42 W	80	5	49	492	WEST PALM BEACH WSO
SR	12	0500		C	ACTIVE	SELECTED	FL008620	1970	1997 N	26	59	42 W	80	5	49	492	STUART 1 N
SR	12	0500		C	REGULAR1	SELECTED	FL001276	1970	1997 N	26	59	42 W	80	5	49	492	CANAL POINT USDA
SR	12	0500		C	REGULAR2	SELECTED	FL005184	1970	1997 N	26	59	42 W	80	5	49	492	LOXAHATCHEE NWR
SR	12	0500		C	REGULAR3	SELECTED	FL003207	1970	1997 N	26	59	42 W	80	5	49	492	FORT PIERCE
SR	12	0900		F	FIRST O.	SELECTED	FL003326	1980	1997 N	30	15	36 W	82	28	53	174	GAINESVILLE MUNI ARP
SR	12	0900		C	ACTIVE	SELECTED	FL004731	1980	1997 N	30	15	36 W	82	28	53	174	LAKE CITY 2 E
SR	12	0900		C	REGULAR1	SELECTED	FL003470	1980	1997 N	30	15	36 W	82	28	53	174	GLEN ST MARY 1 W
SR	12	0900		C	REGULAR2	SELECTED	FL005099	1980	1997 N	30	15	36 W	82	28	53	174	LIVE OAK
SR	12	0900		C	REGULAR3	SELECTED	FL003956	1980	1997 N	30	15	36 W	82	28	53	174	HIGH SPRINGS
SR	12	1030		F	FIRST O.	SELECTED	FL009525	1971	1997 N	26	59	42 W	80	5	49	25	WEST PALM BEACH WSO
SR	12	1030		C	ACTIVE	SELECTED	FL008620	1971	1997 N	26	59	42 W	80	5	49	25	STUART 1 N
SR	12	1030		C	REGULAR1	SELECTED	FL005182	1971	1997 N	26	59	42 W	80	5	49	25	LOXAHATCHEE
SR	12	1030		C	REGULAR2	SELECTED	FL001276	1971	1997 N	26	59	42 W	80	5	49	25	CANAL POINT USDA
SR	12	1030		C	REGULAR3	SELECTED	FL003207	1971	1997 N	26	59	42 W	80	5	49	25	FORT PIERCE
SR	12	1060		F	FIRST O.	SELECTED	FL005663	1979	1997 N	25	41	42 W	80	19	27	10	MIAMI WSCMO AIRPORT
SR	12	1060		C	ACTIVE	SELECTED	FL003909	1979	1997 N	25	41	42 W	80	19	27	10	HIALEAH
SR	12	1060		F	REGULAR1	SELECTED	FL005658	1979	1997 N	25	41	42 W	80	19	27	10	MIAMI BEACH
SR	12	1060		C	REGULAR2	SELECTED	FL007760	1979	1997 N	25	41	42 W	80	19	27	10	ROYAL PALM RANGER ST
SR	12	1060		C	REGULAR3	SELECTED	FL003163	1979	1997 N	25	41	42 W	80	19	27	10	FORT LAUDERDALE
SR	12	1370		F	FIRST O.	SELECTED	FL008942	1973	1997 N	28	28	34 W	80	51	22	19	TITUSVILLE
SR	12	1370		F	ACTIVE	SELECTED	FL005612	1973	1997 N	28	28	34 W	80	51	22	19	MELBOURNE WSO
SR	12	1370		F	REGULAR1	SELECTED	FL006628	1973	1997 N	28	28	34 W	80	51	22	19	ORLANDO WSO MCCOY
SR	12	1370		C	REGULAR2	SELECTED	FL007982	1973	1997 N	28	28	34 W	80	51	22	19	SANFORD EXPERIMENT S
SR	12	1370		C	REGULAR3	SELECTED	FL004625	1973	1997 N	28	28	34 W	80	51	22	19	KISSIMMEE 2
SR	12	3804		F	FIRST O.	SELECTED	FL008788	1980	1997 N	28	0	51 W	82	19	46	26	TAMPA WSCMO AP
SR	12	3804		C	ACTIVE	SELECTED	FL007205	1980	1997 N	28	0	51 W	82	19	46	26	PLANT CITY
SR	12	3804		C	REGULAR1	SELECTED	FL007851	1980	1997 N	28	0	51 W	82	19	46	26	SAINT LEO
SR	12	3804		F	REGULAR2	SELECTED	FL004797	1980	1997 N	28	0	51 W	82	19	46	26	LAKELAND
SR	12	3804		C	REGULAR3	SELECTED	FL007886	1980	1997 N	28	0	51 W	82	19	46	26	ST PETERSBURG
SR	12	3811		F	FIRST O.	SELECTED	FL008758	1976	1997 N	30	31	20 W	84	29	20	194	TALLAHASSEE WSO AP
SR	12	3811		C	ACTIVE	SELECTED	FL007429	1976	1997 N	30	31	20 W	84	29	20	194	QUINCY 3 SSW
SR	12	3811		C	REGULAR1	SELECTED	GA000586	1976	1997 N	30	31	20 W	84	29	20	194	BAINBRIDGE INTL PAPE
SR	12	3811		C	REGULAR2	SELECTED	FL005879	1976	1997 N	30	31	20 W	84	29	20	194	MONTICELLO 3 W
SR	12	3811		C	REGULAR3	SELECTED	GA008666	1976	1997 N	30	31	20 W	84	29	20	194	THOMASVILLE 3 NE
SR	12	3995		F	FIRST O.	SELECTED	FL009525	1975	1997 N	26	30	3 W	80	4	41	19	WEST PALM BEACH WSO
SR	12	3995		C	ACTIVE	SELECTED	FL007254	1975	1997 N	26	30	3 W	80	4	41	19	POMPANO BEACH
SR	12	3995		C	REGULAR1	SELECTED	FL005182	1975	1997 N	26	30	3 W	80	4	41	19	LOXAHATCHEE
SR	12	3995		C	REGULAR2	SELECTED	FL003163	1975	1997 N	26	30	3 W	80	4	41	19	FORT LAUDERDALE
SR	12	3995		C	REGULAR3	SELECTED	FL006011	1975	1997 N	26	30	3 W	80	4	41	19	BELLE GLADE EXP STN
SR	12	3996		F	FIRST O.	SELECTED	FL008788	1974	1997 N	28	34	8 W	82	33	24	27	TAMPA WSCMO AP
SR	12	3996		C	ACTIVE	SELECTED	FL009430	1974	1997 N	28	34	8 W	82	33	24	27	WEEKI WACHEE
SR	12	3996		C	REGULAR1	SELECTED	FL001046	1974	1997 N	28	34	8 W	82	33	24	27	BROOKSVILLE CHIN HIL
SR	12	3996		C	REGULAR2	SELECTED	FL004289	1974	1997 N	28	34	8 W	82	33	24	27	INVERNESS 3 SE
SR	12	3996		C	REGULAR3	SELECTED	FL007851	1974	1997 N	28	34	8 W	82	33	24	27	SAINT LEO
SR	12	3997	B300	F	FIRST O.	SELECTED	FL004358	1974	1997 N	30	5	14 W	81	42	23	21	JACKSONVILLE WSO AP
SR	12	3997	B300	C	ACTIVE	SELECTED	FL004366	1974	1997 N	30	5	14 W	81	42	23	21	JACKSONVILLE BEACH
SR	12	3997	B300	C	REGULAR1	SELECTED	FL002915	1974	1997 N	30	5	14 W	81	42	23	21	FEDERAL POINT
SR	12	3997	B300	C	REGULAR2	SELECTED	FL007826	1974	1997 N	30	5	14 W	81	42	23	21	ST AUGUSTINE WFOY
SR	12	3997	B300	C	REGULAR3	SELECTED	FL003874	1974	1997 N	30	5	14 W	81	42	23	21	HASTINGS ARC
SR	12	4000		F	FIRST O.	SELECTED	FL002158	1974	1997 N	29	4	51 W	81	14	25	45	DAYTONA BEACH WSO AP
SR	12	4000		C	ACTIVE	SELECTED	FL002229	1974	1997 N	29	4	51 W	81	14	25	45	DELAND 1 SSE
SR	12	4000		C	REGULAR1	SELECTED	FL007982	1974	1997 N	29	4	51 W	81	14	25	45	SANFORD EXPERIMENT S
SR	12	4000		C	REGULAR2	SELECTED	FL001978	1974	1997 N	29	4	51 W	81	14	25	45	CRESCENT CITY
SR	12	4000		C	REGULAR3	SELECTED	FL005076	1974	1997 N	29	4	51 W	81	14	25	45	LISBON
SR	12	4057		F	FIRST O.	SELECTED	FL008788	1980	1997 N	27	55	42 W	82	19	53	34	TAMPA WSCMO AP
SR	12	4057		C	ACTIVE	SELECTED	FL007205	1980	1997 N	27	55	42 W	82	19	53	34	PLANT CITY
SR	12	4057		C	REGULAR1	SELECTED	FL007886	1980	1997 N	27	55	42 W	82	19	53	34	ST PETERSBURG
SR	12	4057		C	REGULAR2	SELECTED	FL006880	1980	1997 N	27	55	42 W	82	19	53	34	PARRISH
SR	12	4057		F	REGULAR3	SELECTED	FL004797	1980	1997 N	27	55	42 W	82	19	53	34	LAKELAND
SR	12	4059		F	FIRST O.	SELECTED	FL002158	1980	1997 N	28	55	12 W	80	52	18	14	DAYTONA BEACH WSO AP
SR	12	4059		F	ACTIVE	SELECTED	FL008942	1980	1997 N	28	55	12 W	80	52	18	14	TITUSVILLE
SR	12	4059		C	REGULAR1	SELECTED	FL007982	1980	1997 N	28	55	12 W	80	52	18	14	SANFORD EXPERIMENT S
SR	12	4059		C	REGULAR2	SELECTED	FL002229	1980	1997 N	28	55	12 W	80	52</td			

Region	State	SHRP ID	SPS-GPS Link	FC	Weather Station Code	Selection Comment	WS ID	Coverage		Test Section Data						Weather Station Name	
								Period		Latitude			Longitude			Elev (ft)	
								Start	End	Dir	Deg	Min	Sec	Dir	Deg	Min	Sec
SR	12	4100		C	REGULAR1	SELECTED	FL002220	1976	1997 N	30	32	39 W	86	29	40	122	DE FUNIAK SPRINGS
SR	12	4100		C	REGULAR2	SELECTED	FL005793	1976	1997 N	30	32	39 W	86	29	40	122	MILTON EXPERIMENT ST
SR	12	4100		F	REGULAR3	SELECTED	FL006997	1976	1997 N	30	32	39 W	86	29	40	122	PENSACOLA
SR	12	4101		F	FIRST O.	SELECTED	FL006628	1967	1997 N	28	26	57 W	81	17	12	86	ORLANDO WSO MCCOY
SR	12	4101		C	ACTIVE	SELECTED	FL004625	1967	1997 N	28	26	57 W	81	17	12	86	KISSIMMEE 2
SR	12	4101		C	REGULAR1	SELECTED	FL007982	1967	1997 N	28	26	57 W	81	17	12	86	SANFORD EXPERIMENT S
SR	12	4101		C	REGULAR2	SELECTED	FL001641	1967	1997 N	28	26	57 W	81	17	12	86	CLERMONT 7 S
SR	12	4101		F	REGULAR3	SELECTED	FL008942	1967	1997 N	28	26	57 W	81	17	12	86	TITUSVILLE
SR	12	4102		F	FIRST O.	SELECTED	FL006628	1967	1991 N	28	26	54 W	81	16	52	90	ORLANDO WSO MCCOY
SR	12	4102		C	ACTIVE	SELECTED	FL004625	1967	1991 N	28	26	54 W	81	16	52	90	KISSIMMEE 2
SR	12	4102		C	REGULAR1	SELECTED	FL007982	1967	1991 N	28	26	54 W	81	16	52	90	SANFORD EXPERIMENT S
SR	12	4102		C	REGULAR2	SELECTED	FL001641	1967	1991 N	28	26	54 W	81	16	52	90	CLERMONT 7 S
SR	12	4102		F	REGULAR3	SELECTED	FL008942	1967	1991 N	28	26	54 W	81	16	52	90	TITUSVILLE
SR	12	4103		F	FIRST O.	SELECTED	FL005663	1980	1997 N	25	46	53 W	80	21	31	9	MIAMI WSCMO AIRPORT
SR	12	4103		C	ACTIVE	SELECTED	FL003909	1980	1997 N	25	46	53 W	80	21	31	9	HIALEAH
SR	12	4103		F	REGULAR1	SELECTED	FL005658	1980	1997 N	25	46	53 W	80	21	31	9	MIAMI BEACH
SR	12	4103		C	REGULAR2	SELECTED	FL007020	1980	1997 N	25	46	53 W	80	21	31	9	PERRINE 4 W
SR	12	4103		C	REGULAR3	SELECTED	FL003163	1980	1997 N	25	46	53 W	80	21	31	9	FORT LAUDERDALE
SR	12	4105		F	FIRST O.	SELECTED	FL004358	1980	1994 N	30	24	0 W	81	33	0	20	JACKSONVILLE WSO AP
SR	12	4105		C	ACTIVE	SELECTED	FL004366	1980	1994 N	30	24	0 W	81	33	0	20	JACKSONVILLE BEACH
SR	12	4105		C	REGULAR1	SELECTED	FL002944	1980	1994 N	30	24	0 W	81	33	0	20	FERNANDINA BEACH
SR	12	4105		C	REGULAR2	SELECTED	FL007826	1980	1994 N	30	24	0 W	81	33	0	20	ST AUGUSTINE WFOY
SR	12	4105		C	REGULAR3	SELECTED	FL003470	1980	1994 N	30	24	0 W	81	33	0	20	GLEN ST MARY 1 W
SR	12	4106		F	FIRST O.	SELECTED	FL009525	1980	1997 N	26	54	1 W	80	8	14	22	WEST PALM BEACH WSO
SR	12	4106		C	ACTIVE	SELECTED	FL008620	1980	1997 N	26	54	1 W	80	8	14	22	STUART 1 N
SR	12	4106		C	REGULAR1	SELECTED	FL005184	1980	1997 N	26	54	1 W	80	8	14	22	LOXAHATCHEE NWR
SR	12	4106		C	REGULAR2	SELECTED	FL001276	1980	1997 N	26	54	1 W	80	8	14	22	CANAL POINT USDA
SR	12	4106		C	REGULAR3	SELECTED	FL006011	1980	1997 N	26	54	1 W	80	8	14	22	BELLE GLADE EXP STN
SR	12	4107		F	FIRST O.	SELECTED	FL009214	1980	1997 N	27	23	36 W	80	27	32	26	VERO BEACH MUNI ARPT
SR	12	4107		C	ACTIVE	SELECTED	FL003207	1980	1997 N	27	23	36 W	80	27	32	26	FORT PIERCE
SR	12	4107		C	REGULAR1	SELECTED	FL009219	1980	1997 N	27	23	36 W	80	27	32	26	VERO BEACH 4 W
SR	12	4107		C	REGULAR2	SELECTED	FL008620	1980	1997 N	27	23	36 W	80	27	32	26	STUART 1 N
SR	12	4107		C	REGULAR3	SELECTED	FL006485	1980	1997 N	27	23	36 W	80	27	32	26	OKEECHOBEE
SR	12	4108		F	FIRST O.	SELECTED	FL001986	1980	1997 N	30	23	16 W	86	25	53	19	CRESTVIEW FAA AIRPOR
SR	12	4108		C	ACTIVE	SELECTED	FL006240	1980	1997 N	30	23	16 W	86	25	53	19	NICEVILLE
SR	12	4108		C	REGULAR1	SELECTED	FL002220	1980	1997 N	30	23	16 W	86	25	53	19	DE FUNIAK SPRINGS
SR	12	4108		F	REGULAR2	SELECTED	FL006997	1980	1997 N	30	23	16 W	86	25	53	19	PENSACOLA
SR	12	4108		C	REGULAR3	SELECTED	FL005793	1980	1997 N	30	23	16 W	86	25	53	19	MILTON EXPERIMENT ST
SR	12	4109		F	FIRST O.	SELECTED	FL008942	1980	1997 N	28	54	44 W	80	52	6	14	TITUSVILLE
SR	12	4109		F	ACTIVE	SELECTED	FL002158	1980	1997 N	28	54	44 W	80	52	6	14	DAYTONA BEACH WSO AP
SR	12	4109		C	REGULAR1	SELECTED	FL007982	1980	1997 N	28	54	44 W	80	52	6	14	SANFORD EXPERIMENT S
SR	12	4109		C	REGULAR2	SELECTED	FL002229	1980	1997 N	28	54	44 W	80	52	6	14	DELAND 1 SSE
SR	12	4109		F	REGULAR3	SELECTED	FL006628	1980	1997 N	28	54	44 W	80	52	6	14	ORLANDO WSO MCCOY
SR	12	4135		F	FIRST O.	SELECTED	FL006628	1971	1997 N	27	51	39 W	81	35	20	130	ORLANDO WSO MCCOY
SR	12	4135		C	ACTIVE	SELECTED	FL005973	1971	1997 N	27	51	39 W	81	35	20	130	MOUNTAIN LAKE
SR	12	4135		C	REGULAR1	SELECTED	FL009707	1971	1997 N	27	51	39 W	81	35	20	130	WINTER HAVEN
SR	12	4135		C	REGULAR2	SELECTED	FL000478	1971	1997 N	27	51	39 W	81	35	20	130	BARTOW
SR	12	4135		C	REGULAR3	SELECTED	FL000369	1971	1997 N	27	51	39 W	81	35	20	130	AVON PARK 2 W
SR	12	4136		F	FIRST O.	SELECTED	FL006628	1971	1997 N	27	52	0 W	81	35	29	131	ORLANDO WSO MCCOY
SR	12	4136		C	ACTIVE	SELECTED	FL005973	1971	1997 N	27	52	0 W	81	35	29	131	MOUNTAIN LAKE
SR	12	4136		C	REGULAR1	SELECTED	FL009707	1971	1997 N	27	52	0 W	81	35	29	131	WINTER HAVEN
SR	12	4136		C	REGULAR2	SELECTED	FL000478	1971	1997 N	27	52	0 W	81	35	29	131	BARTOW
SR	12	4136		C	REGULAR3	SELECTED	FL004707	1971	1997 N	27	52	0 W	81	35	29	131	LAKE ALFRED EXP STN
SR	12	4137		F	FIRST O.	SELECTED	FL006628	1970	1997 N	27	53	1 W	81	35	56	131	ORLANDO WSO MCCOY
SR	12	4137		C	ACTIVE	SELECTED	FL005973	1970	1997 N	27	53	1 W	81	35	56	131	MOUNTAIN LAKE
SR	12	4137		C	REGULAR1	SELECTED	FL009707	1970	1997 N	27	53	1 W	81	35	56	131	WINTER HAVEN
SR	12	4137		C	REGULAR2	SELECTED	FL000478	1970	1997 N	27	53	1 W	81	35	56	131	BARTOW
SR	12	4137		C	REGULAR3	SELECTED	FL004707	1970	1997 N	27	53	1 W	81	35	56	131	LAKE ALFRED EXP STN
SR	12	4138		F	FIRST O.	SELECTED	FL002229	1974	1997 N	29	7	13 W	81	10	48	41	DAYTONA BEACH WSO AP
SR	12	4138		C	ACTIVE	SELECTED	FL005973	1974	1997 N	29	7	13 W	81	10	48	41	SANFORD EXPERIMENT S
SR	12	4138		C	REGULAR1	SELECTED	FL009707	1974	1997 N	29	7	13 W	81	10	48	41	CRESCENT CITY
SR	12	4138		C	REGULAR2	SELECTED	FL000478	1974	1997 N	29	7	13 W	81	10	48	41	LISBON
SR	12	4153		F	FIRST O.	SELECTED	FL009214	1980	1997 N	27	14	7 W	80	29	19	30	VERO BEACH MUNI ARPT
SR	12	4153		C	ACTIVE	SELECTED	FL008620	1980	1997 N	27	14	7 W	80	29	19	30	STUART 1 N
SR	12	4153		C	REGULAR1	SELECTED	FL003207	1980	1997 N	27	14	7 W	80	29	19	30	FORT PIERCE
SR	12	4153		C	REGULAR2	SELECTED	FL006485	1980	1997 N	27	14	7 W	80	29	19	30	OKEECHOBEE
SR	12	4153		C	REGULAR3	SELECTED	FL001276	1980	1997 N	27	14	7 W	80	29	19	30	CANAL POINT USDA
SR	12	4154	C300	F	FIRST O.	SELECTED	FL002158	1970	1997 N	28	57	12 W	80	56	19	11	DAYTONA BEACH WSO AP
SR	12	4154	C300	C	ACTIVE	SELECTED	FL007982	1970	1997 N	28	57	12 W	80	56	19	11	SANFORD EXPERIMENT S
SR	12	4154	C300	C	REGULAR1	SELECTED	FL002229	1970	1997 N	28	57	12 W	80	56	19	11	DELAND 1 SSE
SR	12	4154	C300	F	REGULAR2	SELECTED	FL008942	1970	1997 N	28	57	12 W	80	56	19	11	TITUSVILLE
SR	12	4154	C300	F	REGULAR3	SELECTED	FL006628	1970	1997 N	28	57	12 W	80	56	19	11	ORLANDO WSO MCCOY
SR	12	9054	A300	F	FIRST O.	SELECTED	FL004358	1974	1997 N	30	37	26 W	81	37	50	25	JACKSONVILLE WSO AP
SR	12	9054	A300	C	ACTIVE	SELECTED	FL002944	1974	1997 N	30	37						

Region	State	SHRP ID	SPS-GPS Link	FC	Weather Station Code	Selection Comment	WS ID	Coverage		Test Section Data						Weather Station Name		
								Period		Latitude			Longitude			Elev (ft)		
								Start	End	Dir	Deg	Min	Sec	Dir	Deg	Min		
SR	13	1004		C	REGULAR3	SELECTED	GA005988	1980	1997	N	33	14	17	W	84	10	8	760 MONTICELLO
SR	13	1005		F	FIRST O.	SELECTED	GA005443	1980	1997	N	32	36	54	W	83	42	1	452 MACON WSO AIRPORT
SR	13	1005		C	ACTIVE	SELECTED	GA001448	1980	1997	N	32	36	54	W	83	42	1	452 BYRON EXPERIMENT STN
SR	13	1005		C	REGULAR1	SELECTED	GA005550	1980	1997	N	32	36	54	W	83	42	1	452 MARSHALLVILLE
SR	13	1005		C	REGULAR2	SELECTED	GA004170	1980	1997	N	32	36	54	W	83	42	1	452 HAWKINSVILLE
SR	13	1005		C	REGULAR3	SELECTED	GA004594	1980	1997	N	32	36	54	W	83	42	1	452 IRWINTON 4 NW
SR	13	1031		F	FIRST O.	SELECTED	GA000435	1980	1997	N	34	24	13	W	84	0	19	120 ATHENS WSO AIRPORT
SR	13	1031		C	ACTIVE	SELECTED	GA002475	1980	1997	N	34	24	13	W	84	0	19	120 DAHLONEGA 2 NW
SR	13	1031		C	REGULAR1	SELECTED	GA003621	1980	1997	N	34	24	13	W	84	0	19	120 GAINESVILLE
SR	13	1031		C	REGULAR2	SELECTED	GA004648	1980	1997	N	34	24	13	W	84	0	19	120 JASPER 1 NNW
SR	13	1031		C	REGULAR3	SELECTED	GA004230	1980	1997	N	34	24	13	W	84	0	19	120 HELEN
SR	13	3007		F	FIRST O.	SELECTED	TN001656	1980	1997	N	34	28	23	W	84	27	46	1422 CHATTANOOGA WSO AP
SR	13	3007		C	ACTIVE	SELECTED	GA004648	1980	1997	N	34	28	23	W	84	27	46	1422 JASPER 1 NNW
SR	13	3007		C	REGULAR1	SELECTED	GA001665	1980	1997	N	34	28	23	W	84	27	46	1422 CARTERSVILLE
SR	13	3007		C	REGULAR2	SELECTED	GA002475	1980	1997	N	34	28	23	W	84	27	46	1422 DAHLONEGA 2 NW
SR	13	3007		C	REGULAR3	SELECTED	GA000181	1980	1997	N	34	28	23	W	84	27	46	1422 ALLATOONA DAM 2
SR	13	3011		F	FIRST O.	SELECTED	GA000211	1975	1997	N	32	25	42	W	82	34	1	248 ALMA FAA AIRPORT
SR	13	3011		C	ACTIVE	SELECTED	GA008496	1975	1997	N	32	25	42	W	82	34	1	248 SWAINSBORO
SR	13	3011		C	REGULAR1	SELECTED	GA000090	1975	1997	N	32	25	42	W	82	34	1	248 AILEY
SR	13	3011		C	REGULAR2	SELECTED	GA002839	1975	1997	N	32	25	42	W	82	34	1	248 DUBLIN
SR	13	3011		C	REGULAR3	SELECTED	GA005811	1975	1997	N	32	25	42	W	82	34	1	248 METTER
SR	13	3015		F	FIRST O.	SELECTED	GA007847	1979	1997	N	32	22	44	W	82	2	33	178 SAVANNAH WSO AIRPORT
SR	13	3015		C	ACTIVE	SELECTED	GA005811	1979	1997	N	32	22	44	W	82	2	33	178 METTER
SR	13	3015		C	REGULAR1	SELECTED	GA001973	1979	1997	N	32	22	44	W	82	2	33	178 CLAXTON
SR	13	3015		C	REGULAR2	SELECTED	GA001266	1979	1997	N	32	22	44	W	82	2	33	178 BROOKLET 1 W
SR	13	3015		C	REGULAR3	SELECTED	GA008496	1979	1997	N	32	22	44	W	82	2	33	178 SWAINSBORO
SR	13	3016		F	FIRST O.	SELECTED	AL000272	1977	1997	N	33	40	58	W	85	17	42	1218 ANNISTON FAA AP
SR	13	3016		C	ACTIVE	SELECTED	GA001640	1977	1997	N	33	40	58	W	85	17	42	1218 CARROLLTON
SR	13	3016		C	REGULAR1	SELECTED	AL003775	1977	1997	N	33	40	58	W	85	17	42	1218 HEFLIN
SR	13	3016		C	REGULAR2	SELECTED	GA001732	1977	1997	N	33	40	58	W	85	17	42	1218 CEDARTOWN 3 NE
SR	13	3016		C	REGULAR3	SELECTED	GA006335	1977	1997	N	33	40	58	W	85	17	42	1218 NEWNAN 4 NE
SR	13	3017		F	FIRST O.	SELECTED	GA000435	1973	1997	N	33	31	6	W	82	51	48	583 ATHENS WSO AIRPORT
SR	13	3017		C	ACTIVE	SELECTED	GA008064	1973	1997	N	33	31	6	W	82	51	48	583 SILOAM 3 N
SR	13	3017		C	REGULAR1	SELECTED	GA009141	1973	1997	N	33	31	6	W	82	51	48	583 WARRENTON
SR	13	3017		C	REGULAR2	SELECTED	GA009157	1973	1997	N	33	30	12	W	82	43	37	550 WASHINGTON 2 ESE
SR	13	3017		C	REGULAR3	SELECTED	GA000311	1973	1997	N	33	30	12	W	82	43	37	550 APPLING 2 NW
SR	13	3018		F	FIRST O.	SELECTED	GA004995	1973	1997	N	33	30	12	W	82	43	37	550 AUGUSTA WSO AIRPORT
SR	13	3018		C	ACTIVE	SELECTED	GA009141	1973	1997	N	33	30	12	W	82	43	37	550 WARRENTON
SR	13	3018		C	REGULAR1	SELECTED	GA009157	1973	1997	N	33	30	12	W	82	43	37	550 WASHINGTON 2 ESE
SR	13	3018		C	REGULAR2	SELECTED	GA008064	1973	1997	N	33	30	12	W	82	43	37	550 SILOAM 3 N
SR	13	3018		C	REGULAR3	SELECTED	GA000311	1973	1997	N	33	30	12	W	82	43	37	550 APPLING 2 NW
SR	13	3019		F	FIRST O.	SELECTED	GA004943	1980	1997	N	34	22	24	W	83	43	36	1042 ATHENS WSO AIRPORT
SR	13	3019		C	ACTIVE	SELECTED	GA003621	1980	1997	N	34	22	24	W	83	43	36	1042 GAINESVILLE
SR	13	3019		C	REGULAR1	SELECTED	GA002283	1980	1997	N	34	22	24	W	83	43	36	1042 CORNELIA
SR	13	3019		C	REGULAR2	SELECTED	GA002180	1980	1997	N	34	22	24	W	83	43	36	1042 COMMERCE 4 NNW
SR	13	3019		C	REGULAR3	SELECTED	GA002475	1980	1997	N	34	22	24	W	83	43	36	1042 DAHLONEGA 2 NW
SR	13	3020		F	FIRST O.	SELECTED	GA005443	1980	1997	N	31	55	22	W	83	47	20	307 MACON WSO AIRPORT
SR	13	3020		C	ACTIVE	SELECTED	GA002266	1980	1997	N	31	55	22	W	83	47	20	307 CORDELE
SR	13	3020		C	REGULAR1	SELECTED	GA000406	1980	1997	N	31	55	22	W	83	47	20	307 ASHBURN 3 ENE
SR	13	3020		C	REGULAR2	SELECTED	GA000253	1980	1997	N	31	55	22	W	83	47	20	307 AMERICUS 3 SW
SR	13	3020		C	REGULAR3	SELECTED	GA004170	1980	1997	N	31	55	22	W	83	47	20	307 HAWKINSVILLE
SR	13	4092		F	FIRST O.	SELECTED	FL008758	1980	1997	N	31	1	10	W	84	3	29	278 TALLAHASSEE WSO AP
SR	13	4092		C	ACTIVE	SELECTED	GA008666	1980	1997	N	31	1	10	W	84	3	29	278 THOMASVILLE 3 NE
SR	13	4092		C	REGULAR1	SELECTED	GA001500	1980	1997	N	31	1	10	W	84	3	29	278 CAMILLA 3 SE
SR	13	4092		C	REGULAR2	SELECTED	GA006087	1980	1997	N	31	1	10	W	84	3	29	278 MOULTRIE 2 ESE
SR	13	4092		C	REGULAR3	SELECTED	GA007276	1980	1997	N	31	1	10	W	84	3	29	278 QUITMAN 2 NW
SR	13	4093		F	FIRST O.	SELECTED	FL008758	1980	1997	N	31	3	10	W	84	4	16	350 TALLAHASSEE WSO AP
SR	13	4093		C	ACTIVE	SELECTED	GA002153	1980	1997	N	31	3	10	W	84	4	16	350 COLQUITT 2 W
SR	13	4093		C	REGULAR1	SELECTED	GA000979	1980	1997	N	31	3	10	W	84	4	16	350 BLAKELY
SR	13	4093		C	REGULAR2	SELECTED	AL003761	1980	1997	N	31	3	10	W	84	55	1	270 HEADLAND
SR	13	4096		C	REGULAR3	SELECTED	GA002450	1980	1997	N	31	23	32	W	84	55	1	270 CUTHBERT
SR	13	4111		F	FIRST O.	SELECTED	GA000435	1980	1993	N	33	55	54	W	83	25	22	735 ATHENS WSO AIRPORT
SR	13	4111		C	ACTIVE	SELECTED	GA008950	1980	1993	N	33	55	54	W	83	25	22	735 U OF GA PLANT SCI FA
SR	13	4111		C	REGULAR1	SELECTED	GA009466	1980	1993	N	33	55	54	W	83	25	22	735 WINDER 1 SSE
SR	13	4111		C	REGULAR2	SELECTED	GA002180	1980	1993	N	33	55	54	W	83	25	22	735 COMMERCE 4 NNW
SR	13	4111		C	REGULAR3	SELECTED	GA008064	1980	1993	N	33	55	54	W	83	25	22	735 SILOAM 3 N
SR	13	4112		F	FIRST O.	SELECTED	GA001345	1977	1997	N	31	1	43	W	81	36	20	13 BRUNSWICK FAA AIRPOR
SR	13	4112		C	ACTIVE	SELECTED	GA001340	1977	1997	N	31	1	43	W	81	36	20	13 BRUNSWICK
SR	13	4112		C	REGULAR1	SELECTED	GA006219	1977	1997	N	31	1	43	W	81	36	20	13 NAHUNTA 3 E
SR	13	4112		C	REGULAR2	SELECTED	FL002944	1977	1997	N	31	1	43	W	81	36	20	13 FERNANDINA BEACH
SR	13	4112		C	REGULAR3	SELECTED	GA007808	1977	1997	N	31	1	43	W	81	36	20	13 SAPELO ISLAND
SR	13	4113		F	FIRST O.	SELECTED	GA001345	1977</										

Region	State	SHRP ID	SPS-GPS Link	FC	Weather Station Code	Selection Comment	WS ID	Coverage		Test Section Data						Weather Station Name	
								Period		Latitude			Longitude			Elev (ft)	
								Start	End	Dir	Deg	Min	Sec	Dir	Deg	Min	Sec
SR	13	4420		C	ACTIVE	SELECTED	GA003538	1980	1997 N	31	54	15 W	81	21	48	17	FORT STEWART
SR	13	4420		C	REGULAR1	SELECTED	GA003754	1980	1997 N	31	54	15 W	81	21	48	17	GLENNVILLE
SR	13	4420		C	REGULAR2	SELECTED	GA004674	1980	1997 N	31	54	15 W	81	21	48	17	JESUP 4 NE
SR	13	4420		C	REGULAR3	SELECTED	GA007808	1980	1997 N	31	54	15 W	81	21	48	17	SAPELO ISLAND
SR	13	5023		F	FIRST O.	SELECTED	FL004358	1974	1997 N	30	46	41 W	81	39	21	25	JACKSONVILLE WSO AP
SR	13	5023		C	ACTIVE	SELECTED	FL002944	1974	1997 N	30	46	41 W	81	39	21	25	FERNANDINA BEACH
SR	13	5023		C	REGULAR1	SELECTED	GA001340	1974	1997 N	30	46	41 W	81	39	21	25	BRUNSWICK
SR	13	5023		C	REGULAR2	SELECTED	GA003465	1974	1997 N	30	46	41 W	81	39	21	25	FOLKSTON 9 SW
SR	13	5023		F	REGULAR3	SELECTED	GA001345	1974	1997 N	30	46	41 W	81	39	21	25	BRUNSWICK FAA AIRPOR
SR	13	7028		F	FIRST O.	SELECTED	GA000435	1966	1997 N	34	22	7 W	83	16	45	850	ATHENS WSO AIRPORT
SR	13	7028		C	ACTIVE	SELECTED	GA002180	1966	1997 N	34	22	7 W	83	16	45	850	COMMERCE 4 NNW
SR	13	7028		C	REGULAR1	SELECTED	GA008740	1966	1997 N	34	22	7 W	83	16	45	850	TOCCOA
SR	13	7028		C	REGULAR2	SELECTED	GA002283	1966	1997 N	34	22	7 W	83	16	45	850	CORNELIA
SR	13	7028		C	REGULAR3	SELECTED	GA004133	1966	1997 N	34	22	7 W	83	16	45	850	HARTWELL
SR	22	0100		F	FIRST O.	SELECTED	LA005078	1980	1997 N	30	20	3 W	93	11	54	30	LAKE CHARLES AP
SR	22	0100		C	ACTIVE	SELECTED	LA006938	1980	1997 N	30	20	3 W	93	11	54	30	OBERLIN FIRE TOWER
SR	22	0100		C	REGULAR1	SELECTED	TX006680	1980	1997 N	30	20	3 W	93	11	54	30	ORANGE 9 N
SR	22	0100		C	REGULAR2	SELECTED	LA004700	1980	1997 N	30	20	3 W	93	11	54	30	JENNINGS
SR	22	0100		C	REGULAR3	SELECTED	LA003979	1980	1997 N	30	20	3 W	93	11	54	30	HACKBERRY 8 SSW
SR	22	0700		F	FIRST O.	SELECTED	LA000549	1979	1997 N	30	11	18 W	90	54	49	15	BATON ROUGE WSO AP
SR	22	0700		C	ACTIVE	SELECTED	LA002534	1979	1997 N	30	11	18 W	90	54	49	15	DONALDSONVILLE 4 SW
SR	22	0700		C	REGULAR1	SELECTED	LA001565	1979	1997 N	30	11	18 W	90	54	49	15	CARVILLE 2 SW
SR	22	0700		C	REGULAR2	SELECTED	LA007767	1979	1997 N	30	11	18 W	90	54	49	15	RESERVE
SR	22	0700		C	REGULAR3	SELECTED	LA005620	1979	1997 N	30	11	18 W	90	54	49	15	LSU BEN HUR FARM
SR	22	3056		F	FIRST O.	SELECTED	LA000098	1980	1997 N	30	58	47 W	92	18	9	50	ALEXANDRIA
SR	22	3056		C	ACTIVE	SELECTED	LA001287	1980	1997 N	30	58	47 W	92	18	9	50	BUNKIE
SR	22	3056		C	REGULAR1	SELECTED	LA005630	1980	1997 N	30	58	47 W	92	18	9	50	LSU DEAN LEE RES STN
SR	22	3056		F	REGULAR2	SELECTED	LA000104	1980	1997 N	30	58	47 W	92	18	9	50	ALEXANDRIA AP
SR	22	3056		C	REGULAR3	SELECTED	LA002800	1980	1997 N	30	58	47 W	92	18	9	50	ELIZABETH
SR	22	4001		F	FIRST O.	SELECTED	LA000549	1970	1997 N	30	28	24 W	90	45	40	30	BATON ROUGE WSO AP
SR	22	4001		C	ACTIVE	SELECTED	LA004034	1970	1997 N	30	28	24 W	90	45	40	30	HAMMOND
SR	22	4001		C	REGULAR1	SELECTED	LA002020	1970	1997 N	30	28	24 W	90	45	40	30	AMITE
SR	22	4001		C	REGULAR2	SELECTED	LA004030	1970	1997 N	30	28	24 W	90	45	40	30	HAMMOND 5 E
SR	22	4001		C	REGULAR3	SELECTED	LA005620	1970	1997 N	30	28	24 W	90	45	40	30	LSU BEN HUR FARM
SR	28	0500		F	FIRST O.	SELECTED	MS004472	1971	1997 N	32	50	39 W	90	2	26	234	JACKSON WSFO AIRPORT
SR	28	0500		C	ACTIVE	SELECTED	MS006926	1971	1997 N	32	50	39 W	90	2	26	234	PICKENS
SR	28	0500		C	REGULAR1	SELECTED	MS001389	1971	1997 N	32	50	39 W	90	2	26	234	CANTON
SR	28	0500		C	REGULAR2	SELECTED	MS005062	1971	1997 N	32	50	39 W	90	2	26	234	LEXINGTON 2 NNW
SR	28	0500		C	REGULAR3	SELECTED	MS009860	1971	1997 N	32	50	39 W	90	2	26	234	YAZOO CITY 5 NNE
SR	28	0800		F	FIRST O.	SELECTED	TN005954	1980	1997 N	34	26	38 W	89	52	29	400	MEMPHIS WSCMO AP
SR	28	0800		C	ACTIVE	SELECTED	MS000488	1980	1997 N	34	26	38 W	89	52	29	400	BATESVILLE 2 SW
SR	28	0800		C	REGULAR1	SELECTED	MS004377	1980	1997 N	34	26	38 W	89	52	29	400	INDEPENDENCE 1 W
SR	28	0800		C	REGULAR2	SELECTED	MS009079	1980	1997 N	34	26	38 W	89	52	29	400	UNIVERSITY
SR	28	0800		C	REGULAR3	SELECTED	MS003975	1980	1997 N	34	26	38 W	89	52	29	400	HERNANDO 5 S
SR	28	0900		F	FIRST O.	SELECTED	TN005954	1980	1997 N	34	35	0 W	89	55	0	217	MEMPHIS WSCMO AP
SR	28	0900		C	ACTIVE	SELECTED	MS004377	1980	1997 N	34	35	0 W	89	55	0	217	INDEPENDENCE 1 W
SR	28	0900		C	REGULAR1	SELECTED	MS003975	1980	1997 N	34	35	0 W	89	55	0	217	HERNANDO 5 S
SR	28	0900		C	REGULAR2	SELECTED	MS000488	1980	1997 N	34	35	0 W	89	55	0	217	BATESVILLE 2 SW
SR	28	0900		C	REGULAR3	SELECTED	MS009079	1980	1997 N	34	35	0 W	89	55	0	217	UNIVERSITY
SR	28	1001		F	FIRST O.	SELECTED	MS009003	1980	1997 N	34	8	11 W	88	42	6	247	TUPELO WSO ARPT
SR	28	1001		C	ACTIVE	SELECTED	MS009173	1980	1997 N	34	8	11 W	88	42	6	247	VERONA EXPERIMENT ST
SR	28	1001		C	REGULAR1	SELECTED	MS003208	1980	1997 N	34	8	11 W	88	42	6	247	FULTON 3 W
SR	28	1001		C	REGULAR2	SELECTED	MS007111	1980	1997 N	34	8	11 W	88	42	6	247	PONTOTOC EXP STN
SR	28	1001		C	REGULAR3	SELECTED	MS004265	1980	1997 N	34	8	11 W	88	42	6	247	HOUSTON
SR	28	1016		F	FIRST O.	SELECTED	MS003627	1980	1997 N	33	3	20 W	89	34	5	399	GREENWOOD FAA AIRPOR
SR	28	1016		C	ACTIVE	SELECTED	MS004776	1980	1997 N	33	3	20 W	89	34	5	399	KOSCIUSKO
SR	28	1016		C	REGULAR1	SELECTED	MS001489	1980	1997 N	33	3	20 W	89	34	5	399	CARTHAGE 3 SW
SR	28	1016		C	REGULAR2	SELECTED	MS006926	1980	1997 N	33	3	20 W	89	34	5	399	PICKENS
SR	28	1016		C	REGULAR3	SELECTED	MS005062	1980	1997 N	33	3	20 W	89	34	5	399	LEXINGTON 2 NNW
SR	28	1802	A300	F	FIRST O.	SELECTED	MS004472	1980	1997 N	31	42	6 W	89	25	17	264	JACKSON WSFO AIRPORT
SR	28	1802	A300	C	ACTIVE	SELECTED	MS001852	1980	1997 N	31	42	6 W	89	25	17	264	COLLINS
SR	28	1802	A300	C	REGULAR1	SELECTED	MS004939	1980	1997 N	31	42	6 W	89	25	17	264	LAUREL
SR	28	1802	A300	C	REGULAR2	SELECTED	MS003887	1980	1997 N	31	42	6 W	89	25	17	264	HATTIESBURG 5 SW
SR	28	1802	A300	C	REGULAR3	SELECTED	MS002385	1980	1997 N	31	42	6 W	89	25	17	264	D LO 2 SW
SR	28	2807		F	FIRST O.	SELECTED	MS009003	1980	1997 N	34	21	20 W	89	39	19	295	TUPELO WSO ARPT
SR	28	2807		C	ACTIVE	SELECTED	MS009079	1980	1997 N	34	21	20 W	89	39	19	295	UNIVERSITY
SR	28	2807		C	REGULAR1	SELECTED	MS009400	1980	1997 N	34	21	20 W	89	39	19	295	WATER VALLEY 1 NNE
SR	28	2807		C	REGULAR2	SELECTED	MS000488	1980	1997 N	34	21	20 W	89	39	19	295	BATESVILLE 2 SW
SR	28	2807		C	REGULAR3	SELECTED	MS004377	1980	1997 N	34	21	20 W	89	39	19	295	INDEPENDENCE 1 W
SR	28	3018		F	FIRST O.	SELECTED	MS009003	1980	1997 N	34	47	5 W	88	10	56	595	TUPELO WSO ARPT
SR	28	3018		C	ACTIVE	SELECTED	MS004455	1980	1997 N	34	47	5 W	88	10	56	595	IUKA 5 S
SR	28	3018		C	REGULAR1	SELECTED	MS001962	1980	1997 N	34	46	9 W	88	8	3	531	CORINTH CITY
SR	28	3019		C	REGULAR2	SELECTED	MS000955	1980	1997 N	34	46	9 W	88	8	3	531	BOONEVILLE
SR	28	3018		C	REGULAR3	SELECTED	TN008108	1980	1997 N	34	47	5 W	88	10	56		

Region	State	SHRP ID	SPS-GPS Link	FC	Weather Station Code	Selection Comment	WS ID	Coverage		Test Section Data						Weather Station Name	
								Period		Latitude			Longitude			Elev (ft)	
								Start	End	Dir	Deg	Min	Sec	Dir	Deg	Min	
SR	28	3083		C	REGULAR2	SELECTED	MS0004173	1979	1997 N	34	34	22 W	89	34	41	461	HOLLY SPRINGS 4 N
SR	28	3083		C	REGULAR3	SELECTED	MS0004001	1979	1997 N	34	34	22 W	89	34	41	461	HICKORY FLAT
SR	28	3085		F	FIRST O.	SELECTED	TN005954	1979	1997 N	34	34	59 W	89	30	59	307	MEMPHIS WSCMO AP
SR	28	3085		C	ACTIVE	SELECTED	MS000979	1979	1997 N	34	34	59 W	89	30	59	307	UNIVERSITY
SR	28	3085		C	REGULAR1	SELECTED	MS0004173	1979	1997 N	34	34	59 W	89	30	59	307	HOLLY SPRINGS 4 N
SR	28	3085		C	REGULAR2	SELECTED	MS0004377	1979	1997 N	34	34	59 W	89	30	59	307	INDEPENDENCE 1 W
SR	28	3085		C	REGULAR3	SELECTED	MS0004001	1979	1997 N	34	34	59 W	89	30	59	307	HICKORY FLAT
SR	28	3087		F	FIRST O.	SELECTED	MS0009003	1980	1997 N	34	26	26 W	89	29	56	389	TUPELO WSO ARPT
SR	28	3087		C	ACTIVE	SELECTED	MS0009079	1980	1997 N	34	26	26 W	89	29	56	389	UNIVERSITY
SR	28	3087		C	REGULAR1	SELECTED	MS0009400	1980	1997 N	34	26	26 W	89	29	56	389	WATER VALLEY 1 NNE
SR	28	3087		C	REGULAR2	SELECTED	MS0004001	1980	1997 N	34	26	26 W	89	29	56	389	HICKORY FLAT
SR	28	3087		C	REGULAR3	SELECTED	MS0004377	1980	1997 N	34	26	26 W	89	29	56	389	INDEPENDENCE 1 W
SR	28	3089		F	FIRST O.	SELECTED	TN005954	1980	1997 N	34	21	7 W	89	42	45	326	MEMPHIS WSCMO AP
SR	28	3089		C	ACTIVE	SELECTED	MS0009079	1980	1997 N	34	21	7 W	89	42	45	326	UNIVERSITY
SR	28	3089		C	REGULAR1	SELECTED	MS0009400	1980	1997 N	34	21	7 W	89	42	45	326	WATER VALLEY 1 NNE
SR	28	3089		C	REGULAR2	SELECTED	MS000488	1980	1997 N	34	21	7 W	89	42	45	326	BATESVILLE 2 SW
SR	28	3089		C	REGULAR3	SELECTED	MS0004377	1980	1997 N	34	21	7 W	89	42	45	326	INDEPENDENCE 1 W
SR	28	3090		F	FIRST O.	SELECTED	TN005954	1974	1997 N	34	26	28 W	90	10	43	175	MEMPHIS WSCMO AP
SR	28	3090		C	ACTIVE	SELECTED	MS000488	1974	1997 N	34	26	28 W	90	10	43	175	BATESVILLE 2 SW
SR	28	3090		C	REGULAR1	SELECTED	MS0008998	1974	1997 N	34	26	28 W	90	10	43	175	TUNICA 2
SR	28	3090		C	REGULAR2	SELECTED	AR003242	1974	1997 N	34	26	28 W	90	10	43	175	HELENA
SR	28	3090		C	REGULAR3	SELECTED	MS0003975	1974	1997 N	34	26	28 W	90	10	43	175	HERNANDO 5 S
SR	28	3091		F	FIRST O.	SELECTED	MS0005776	1979	1997 N	32	31	16 W	88	31	4	231	MERIDIAN WSO ARPT
SR	28	3091		C	ACTIVE	SELECTED	MS0004702	1979	1997 N	32	31	16 W	88	31	4	231	KIPLING
SR	28	3091		C	REGULAR1	SELECTED	AL0004798	1979	1997 N	32	31	16 W	88	31	4	231	LIVINGSTON 2 SW
SR	28	3091		C	REGULAR2	SELECTED	AL003160	1979	1997 N	32	31	16 W	88	31	4	231	GAINESVILLE LOCK
SR	28	3091		C	REGULAR3	SELECTED	MS007252	1979	1997 N	32	31	16 W	88	31	4	231	QUITMAN 1 N
SR	28	3093		F	FIRST O.	SELECTED	MS0006718	1980	1997 N	30	25	58 W	88	40	25	24	PASCAGOULA 3 NE
SR	28	3093		C	ACTIVE	SELECTED	MS000792	1980	1997 N	30	25	58 W	88	40	25	24	BILOXI
SR	28	3093		C	REGULAR1	SELECTED	MS007840	1980	1997 N	30	25	58 W	88	40	25	24	SAUCIER EXP FOREST
SR	28	3093		C	REGULAR2	SELECTED	AL001803	1980	1997 N	30	25	58 W	88	40	25	24	CODEN
SR	28	3093		F	REGULAR3	SELECTED	MS003671	1980	1997 N	30	25	58 W	88	40	25	24	GULFPORT NAVAL CENTE
SR	28	3094		F	FIRST O.	SELECTED	MS0006718	1980	1997 N	30	26	16 W	88	37	4	24	PASCAGOULA 3 NE
SR	28	3094		C	ACTIVE	SELECTED	MS000792	1980	1997 N	30	26	16 W	88	37	4	24	BILOXI
SR	28	3094		C	REGULAR1	SELECTED	AL001803	1980	1997 N	30	26	16 W	88	37	4	24	CODEN
SR	28	3094		F	REGULAR2	SELECTED	AL005478	1980	1997 N	30	26	16 W	88	37	4	24	MOBILE WSO ARPT
SR	28	3094		C	REGULAR3	SELECTED	MS007840	1980	1997 N	30	26	16 W	88	37	4	24	SAUCIER EXP FOREST
SR	28	3097		F	FIRST O.	SELECTED	TN005954	1962	1995 N	34	55	42 W	89	59	36	332	MEMPHIS WSCMO AP
SR	28	3097		C	ACTIVE	SELECTED	MS0003975	1962	1995 N	34	55	42 W	89	59	36	332	HERNANDO 5 S
SR	28	3097		C	REGULAR1	SELECTED	AR007712	1962	1995 N	34	55	42 W	89	59	36	332	WEST MEMPHIS
SR	28	3097		C	REGULAR2	SELECTED	MS004377	1962	1995 N	34	55	42 W	89	59	36	332	INDEPENDENCE 1 W
SR	28	3097		C	REGULAR3	SELECTED	MS0008998	1962	1995 N	34	55	42 W	89	59	36	332	TUNICA 2
SR	28	3099		F	FIRST O.	SELECTED	MS0005776	1970	1997 N	32	19	36 W	89	24	21	468	MERIDIAN WSO ARPT
SR	28	3099		C	ACTIVE	SELECTED	MS0003107	1970	1997 N	32	19	36 W	89	24	21	468	FOREST 3 S
SR	28	3099		C	REGULAR1	SELECTED	MS0006308	1970	1997 N	32	19	36 W	89	24	21	468	NEWTON EXP STN
SR	28	3099		C	REGULAR2	SELECTED	MS0006811	1970	1997 N	32	19	36 W	89	24	21	468	PELAHATCHIE
SR	28	3099		C	REGULAR3	SELECTED	MS0005023	1970	1997 N	32	19	36 W	89	24	21	468	BAY SPRINGS 4 S
SR	28	4024	A400	F	FIRST O.	SELECTED	MS003627	1974	1997 N	33	21	32 W	91	2	29	125	GREENWOOD FAA AIRPOR
SR	28	4024	A400	C	ACTIVE	SELECTED	MS003605	1974	1997 N	33	21	32 W	91	2	29	125	GREENVILLE
SR	28	4024	A400	C	REGULAR1	SELECTED	MS008445	1974	1997 N	33	21	32 W	91	2	29	125	STONEVILLE EXP STN
SR	28	4024	A400	C	REGULAR2	SELECTED	AR002355	1974	1997 N	33	21	32 W	91	2	29	125	EUDORA
SR	28	4024	A400	C	REGULAR3	SELECTED	AR001962	1974	1997 N	33	21	32 W	91	2	29	125	DERMOTT 3 NE
SR	28	5006		F	FIRST O.	SELECTED	MS0009003	1979	1997 N	34	19	35 W	88	48	52	329	TUPELO WSO ARPT
SR	28	5006		C	ACTIVE	SELECTED	MS0009173	1979	1997 N	34	19	35 W	88	48	52	329	VERONA EXPERIMENT ST
SR	28	5006		C	REGULAR1	SELECTED	MS0007111	1979	1997 N	34	19	35 W	88	48	52	329	PONTOTOC EXP STN
SR	28	5006		C	REGULAR2	SELECTED	MS0003208	1979	1997 N	34	19	35 W	88	48	52	329	FULTON 3 W
SR	28	5006		C	REGULAR3	SELECTED	MS000955	1979	1997 N	34	19	35 W	88	48	52	329	BOONEVILLE
SR	28	5025		F	FIRST O.	SELECTED	MS005614	1978	1997 N	31	32	47 W	90	26	35	420	MCCOMB FAA AIRPORT
SR	28	5025		C	ACTIVE	SELECTED	MS0001094	1978	1997 N	31	32	47 W	90	26	35	420	BROOKHAVEN CITY
SR	28	5025		C	REGULAR1	SELECTED	MS003920	1978	1997 N	31	32	47 W	90	26	35	420	HAZLEHURST 5 SW
SR	28	5025		C	REGULAR2	SELECTED	MS005987	1978	1997 N	31	32	47 W	90	26	35	420	MONTICELLO
SR	28	5025		C	REGULAR3	SELECTED	MS005704	1978	1997 N	31	32	47 W	90	26	35	420	MEADVILLE
SR	28	5803		F	FIRST O.	SELECTED	TN005954	1979	1997 N	34	44	9 W	89	26	14	530	MEMPHIS WSCMO AP
SR	28	5803		C	ACTIVE	SELECTED	MS0004173	1979	1997 N	34	44	9 W	89	26	14	530	HOLLY SPRINGS 4 N
SR	28	5803		C	REGULAR1	SELECTED	MS0004001	1979	1997 N	34	44	9 W	89	26	14	530	HICKORY FLAT
SR	28	5803		C	REGULAR2	SELECTED	MS0004377	1979	1997 N	34	44	9 W	89	26	14	530	INDEPENDENCE 1 W
SR	28	5803		C	REGULAR3	SELECTED	TN006274	1979	1997 N	34	44	9 W	89	26	14	530	MOSCOW
SR	28	5805		F	FIRST O.	SELECTED	MS003671	1975	1997 N	30	26	17 W	89	3	50	30	GULFPORT NAVAL CENTE
SR	28	5805		C	ACTIVE	SELECTED	MS000792	1975	1997 N	30	26	17 W	89	3	50	30	BILOXI
SR	28	5805		C	REGULAR1	SELECTED	MS0007840	1975	1997 N	30	26	17 W	89	3	50	30	SAUCIER EXP FOREST
SR	28	5805		C	REGULAR2	SELECTED	MS0009426	1975	1997 N	30	26	17 W	89	3	50	30	WAVELAND
SR	28	5805		C	REGULAR3	SELECTED	MS000639	1975	1997 N	30	26	17 W	89	3	50	30	WIGGINS
SR	28	7012		F	FIRST O.	SELECTED	MS004472	1959	1997 N	32	21	45 W	90	41	48	156	JACKSON WSFO AIRPORT
SR	28	7012		C													

Region	State	SHRP ID	SPS-GPS Link	FC	Weather Station Code	Selection Comment	WS ID	Coverage		Test Section Data						Weather Station Name	
								Period		Latitude			Longitude			Elev (ft)	
								Start	End	Dir	Deg	Min	Sec	Dir	Deg	Min	
SR	35	0800		F	FIRST O.	SELECTED	NM002024	1980	1997 N	32	11	35 W	108	18	4	4554	COLUMBUS
SR	35	0800		C	ACTIVE	SELECTED	NM003368	1980	1997 N	32	11	35 W	108	18	4	4554	GAGE 4 ESE
SR	35	0800		C	REGULAR1	SELECTED	NM003775	1980	1997 N	32	11	35 W	108	18	4	4554	HACHITA
SR	35	0800		C	REGULAR2	SELECTED	NM005079	1980	1997 N	32	11	35 W	108	18	4	4554	LORDSBURG 4 SE
SR	35	0800		C	REGULAR3	SELECTED	NM009691	1980	1997 N	32	11	35 W	108	18	4	4554	WHITE SIGNAL
SR	35	0900		F	FIRST O.	SELECTED	NM002024	1980	1997 N	32	15	0 W	108	15	0	4500	COLUMBUS
SR	35	0900		C	ACTIVE	SELECTED	NM003368	1980	1997 N	32	15	0 W	108	15	0	4500	GAGE 4 ESE
SR	35	0900		C	REGULAR1	SELECTED	NM009691	1980	1997 N	32	15	0 W	108	15	0	4500	WHITE SIGNAL
SR	35	0900		C	REGULAR2	SELECTED	NM003775	1980	1997 N	32	15	0 W	108	15	0	4500	HACHITA
SR	35	0900		C	REGULAR3	SELECTED	NM005079	1980	1997 N	32	15	0 W	108	15	0	4500	LORDSBURG 4 SE
SR	35	1002		F	FIRST O.	SELECTED	NM007610	1958	1997 N	33	22	11 W	104	54	59	3800	ROSWELL FAA ARPT
SR	35	1002		C	ACTIVE	SELECTED	NM000992	1958	1997 N	33	22	11 W	104	54	59	3800	BITTER LAKES WL REFU
SR	35	1002		C	REGULAR1	SELECTED	NM002865	1958	1997 N	33	22	11 W	104	54	59	3800	ELK 2 E
SR	35	1002		C	REGULAR2	SELECTED	NM004112	1958	1997 N	33	22	11 W	104	54	59	3800	HOPE
SR	35	1002		C	REGULAR3	SELECTED	NM001440	1958	1997 N	33	22	11 W	104	54	59	3800	CAPITAN
SR	35	1003		F	FIRST O.	SELECTED	NM007610	1980	1997 N	33	22	36 W	104	43	49	3800	ROSWELL FAA ARPT
SR	35	1003		C	ACTIVE	SELECTED	NM000992	1980	1997 N	33	22	36 W	104	43	49	3800	BITTER LAKES WL REFU
SR	35	1003		C	REGULAR1	SELECTED	NM006804	1980	1997 N	33	22	36 W	104	43	49	3800	PICACHO 2 WSW
SR	35	1003		C	REGULAR2	SELECTED	NM004112	1980	1997 N	33	22	36 W	104	43	49	3800	HOPE
SR	35	1003		C	REGULAR3	SELECTED	NM001840	1980	1997 N	33	22	36 W	104	43	49	3800	CIRCLE F RANCH
SR	35	1005		F	FIRST O.	SELECTED	NM000234	1980	1997 N	35	30	31 W	106	14	16	5523	ALBUQUERQUE WSFO AIR
SR	35	1005		C	ACTIVE	SELECTED	NM001982	1980	1997 N	35	30	31 W	106	14	16	5523	COCHITI DAM
SR	35	1005		C	REGULAR1	SELECTED	NM008085	1980	1997 N	35	30	31 W	106	14	16	5523	SANTA FE 2
SR	35	1005		C	REGULAR2	SELECTED	NM008015	1980	1997 N	35	30	31 W	106	14	16	5523	SANDIA PARK
SR	35	1005		C	REGULAR3	SELECTED	NM005084	1980	1997 N	35	30	31 W	106	14	16	5523	LOS ALAMOS
SR	35	1022		F	FIRST O.	SELECTED	NM009031	1980	1997 N	36	22	27 W	107	50	2	6727	TORREON NAVAJO MISSI
SR	35	1022		C	ACTIVE	SELECTED	NM006465	1980	1997 N	36	22	27 W	107	50	2	6727	OTIS
SR	35	1022		C	REGULAR1	SELECTED	NM005290	1980	1997 N	36	22	27 W	107	50	2	6727	LYBROOK
SR	35	1022		C	REGULAR2	SELECTED	NM001063	1980	1997 N	36	22	27 W	107	50	2	6727	BLOOMFIELD 3 SE
SR	35	1022		C	REGULAR3	SELECTED	NM001647	1980	1997 N	36	22	27 W	107	50	2	6727	CHACO CANYON NATL MO
SR	35	1112		F	FIRST O.	SELECTED	NM001475	1980	1997 N	32	37	55 W	103	31	13	3760	CARLSBAD FAA AIRPORT
SR	35	1112		C	ACTIVE	SELECTED	NM006659	1980	1997 N	32	37	55 W	103	31	13	3760	PEARL
SR	35	1112		C	REGULAR1	SELECTED	NM005370	1980	1997 N	32	37	55 W	103	31	13	3760	MALJAMAR 4 SE
SR	35	1112		C	REGULAR2	SELECTED	NM004026	1980	1997 N	32	37	55 W	103	31	13	3760	HOBBS
SR	35	2006		F	FIRST O.	SELECTED	NM009031	1979	1994 N	36	10	30 W	107	19	45	6742	TORREON NAVAJO MISSI
SR	35	2006		C	ACTIVE	SELECTED	NM005290	1979	1994 N	36	10	30 W	107	19	45	6742	LYBROOK
SR	35	2006		C	REGULAR1	SELECTED	NM004960	1979	1994 N	36	10	30 W	107	19	45	6742	LINDRITH 1 WSW
SR	35	2006		C	REGULAR2	SELECTED	NM008524	1979	1994 N	36	10	30 W	107	19	45	6742	STAR LAKE
SR	35	2006		C	REGULAR3	SELECTED	NM002241	1979	1994 N	36	10	30 W	107	19	45	6742	CUBA
SR	35	2007		F	FIRST O.	SELECTED	NM009031	1977	1997 N	36	14	48 W	107	36	12	7021	TORREON NAVAJO MISSI
SR	35	2007		C	ACTIVE	SELECTED	NM005290	1977	1997 N	36	14	48 W	107	36	12	7021	LYBROOK
SR	35	2007		C	REGULAR1	SELECTED	NM006465	1977	1997 N	36	14	48 W	107	36	12	7021	OTIS
SR	35	2007		C	REGULAR2	SELECTED	NM001647	1977	1997 N	36	14	48 W	107	36	12	7021	CHACO CANYON NATL MO
SR	35	2007		C	REGULAR3	SELECTED	NM008524	1977	1997 N	36	14	48 W	107	36	12	7021	STAR LAKE
SR	35	2118		F	FIRST O.	SELECTED	TX002240	1977	1997 N	35	10	18 W	103	28	2	3927	DALHART FAA AIRPORT
SR	35	2118		C	ACTIVE	SELECTED	NM007867	1977	1997 N	35	10	18 W	103	28	2	3927	SAN JON
SR	35	2118		C	REGULAR1	SELECTED	NM009156	1977	1997 N	35	10	18 W	103	28	2	3927	TUCUMCARI 4 NE
SR	35	2118		C	REGULAR2	SELECTED	NM001332	1977	1997 N	35	10	18 W	103	28	2	3927	CAMERON
SR	35	2118		C	REGULAR3	SELECTED	NM005516	1977	1997 N	35	10	18 W	103	28	2	3927	MC CARTY RANCH
SR	35	3010		F	FIRST O.	SELECTED	NM001475	1980	1997 N	32	38	15 W	103	31	30	3760	CARLSBAD FAA AIRPORT
SR	35	3010		C	ACTIVE	SELECTED	NM006659	1980	1997 N	32	38	15 W	103	31	30	3760	PEARL
SR	35	3010		C	REGULAR1	SELECTED	NM005370	1980	1997 N	32	38	15 W	103	31	30	3760	MALJAMAR 4 SE
SR	35	3010		C	REGULAR2	SELECTED	NM004026	1980	1997 N	32	38	15 W	103	31	30	3760	HOBBS
SR	35	3010		C	REGULAR3	SELECTED	NM009569	1980	1997 N	32	38	15 W	103	31	30	3760	WASTE ISOLTN PILOT P
SR	35	6033		F	FIRST O.	SELECTED	NM005965	1958	1997 N	34	12	7 W	106	55	30	4662	MOUNTAINAIR
SR	35	6033		C	ACTIVE	SELECTED	NM008387	1958	1997 N	34	12	7 W	106	55	30	4662	SOCORRO
SR	35	6033		C	REGULAR1	SELECTED	NM000915	1958	1997 N	34	12	7 W	106	55	30	4662	BERNARDO
SR	35	6033		C	REGULAR2	SELECTED	NM005353	1958	1997 N	34	12	7 W	106	55	30	4662	MAGDALENA
SR	35	6033		C	REGULAR3	SELECTED	NM001138	1958	1997 N	34	12	7 W	106	55	30	4662	BOSQUE DEL APACHE
SR	35	6035		F	FIRST O.	SELECTED	NM003682	1965	1997 N	35	4	30 W	107	39	12	6200	GRANTS AIRPORT
SR	35	6035		C	ACTIVE	SELECTED	NM002250	1965	1997 N	35	4	30 W	107	39	12	6200	CUBERO
SR	35	6035		C	REGULAR1	SELECTED	NM004719	1970	1997 N	35	2	9 W	107	28	49	5983	LAGUNA
SR	35	6035		C	REGULAR2	SELECTED	NM007918	1970	1997 N	35	2	9 W	107	28	49	5983	SAN MATEO
SR	35	6035		C	REGULAR3	SELECTED	NM003969	1970	1997 N	35	2	9 W	107	28	49	5983	HICKMAN
SR	40	0100		F	FIRST O.	SELECTED	OK004204	1980	1997 N	34	38	16 W	98	39	40	1300	HOBART FAA AP
SR	40	0100		C	ACTIVE	SELECTED	OK009629	1980	1997 N	34	38	16 W	98	39	40	1300	WICHITA MTN WL REF
SR	40	0100		C	REGULAR1	SELECTED	OK005063	1980	1997 N	34	38	16 W	98	39	40	1300	LAWTON
SR	40	0100		C	REGULAR2	SELECTED	OK001706	1980	1997 N	34	38	16 W	98	39	40	1300	CHATTANOOGA 3 NE
SR	40	0100		C	REGULAR3	SELECTED	OK003353	1980	1997 N	34	38	16 W	98	39	40	1300	FREDERICK
SR	40	0500		F	FIRST O.	SELECTED	OK004204	1973	1997 N	34	38	14 W	98	40	8	1300	HOBART FAA AP
SR	40	0500		C	ACTIVE	SELECTED	OK009629	1973	1997 N	34	38	14 W	98	40	8	1300	WICHITA MTN WL REF
SR	40	0500		C	REGULAR1	SELECTED	OK005063	1973	1997 N	34	38	14 W	98	40	8	1300	LAWTON
SR	40	0500		C	REGULAR2	SELECTED	OK006278	1962	1997 N	36	43	45 W	97	20	44	1005	BILLINGS

Region	State	SHRP ID	SPS-GPS Link	FC	Weather Station Code	Selection Comment	WS ID	Coverage		Test Section Data						Weather Station Name	
								Period		Latitude			Longitude			Elev (ft)	
								Start	End	Dir	Deg	Min	Sec	Dir	Deg	Min	Sec
SR	40	1017		C	REGULAR1	SELECTED	OK009247	1980	1997 N	35	47	56 W	95	23	59	526	WAGONER
SR	40	1017		C	REGULAR2	SELECTED	OK009445	1980	1997 N	35	47	56 W	95	23	59	526	WEBBERS FALLS 5 WSW
SR	40	1017		C	REGULAR3	SELECTED	OK008677	1980	1997 N	35	47	56 W	95	23	59	526	TAHLEQUAH
SR	40	3018		F	FIRST O.	SELECTED	OK006661	1976	1997 N	35	23	30 W	97	26	58	1294	OKLAHOMA CITY AIRPOR
SR	40	3018		C	ACTIVE	SELECTED	OK000830	1976	1997 N	35	23	30 W	97	26	58	1294	BLANCHARD 2 SSW
SR	40	3018		C	REGULAR1	SELECTED	OK005779	1976	1997 N	35	23	30 W	97	26	58	1294	MEEKER 4 W
SR	40	3018		C	REGULAR2	SELECTED	OK007327	1976	1997 N	35	23	30 W	97	26	58	1294	PURCELL 5 SW
SR	40	3018		C	REGULAR3	SELECTED	OK003821	1976	1997 N	35	23	30 W	97	26	58	1294	GUTHRIE 5 S
SR	40	4086		F	FIRST O.	SELECTED	OK006661	1970	1997 N	35	4	32 W	97	57	42	1103	OKLAHOMA CITY AIRPOR
SR	40	4086		C	ACTIVE	SELECTED	OK001750	1970	1997 N	35	4	32 W	97	57	42	1103	CHICKASHA EXPERIMENT
SR	40	4086		C	REGULAR1	SELECTED	OK000224	1970	1997 N	35	4	32 W	97	57	42	1103	ANADARKO 3 E
SR	40	4086		C	REGULAR2	SELECTED	OK000830	1970	1997 N	35	4	32 W	97	57	42	1103	BLANCHARD 2 SSW
SR	40	4086		C	REGULAR3	SELECTED	OK005216	1970	1997 N	35	4	32 W	97	57	42	1103	LINDSAY 2 W
SR	40	4087	A300	F	FIRST O.	SELECTED	OK004204	1980	1997 N	34	38	18 W	99	17	15	1350	HOBART FAA AP
SR	40	4087	A300	C	ACTIVE	SELECTED	OK000179	1980	1997 N	34	38	18 W	99	17	15	1350	ALTUS IRIG RES STATI
SR	40	4087	A300	C	REGULAR1	SELECTED	OK000184	1980	1997 N	34	38	18 W	99	17	15	1350	ALTUS DAM
SR	40	4087	A300	C	REGULAR2	SELECTED	OK005509	1980	1997 N	34	38	18 W	99	17	15	1350	MANGUM
SR	40	4087	A300	C	REGULAR3	SELECTED	OK003353	1980	1997 N	34	38	18 W	99	17	15	1350	FREDERICK
SR	40	4088	C300	F	FIRST O.	SELECTED	OK007201	1975	1997 N	36	41	18 W	97	16	10	1005	PONCA CITY FAA AIRPO
SR	40	4088	C300	C	ACTIVE	SELECTED	OK000818	1975	1997 N	36	41	18 W	97	16	10	1005	BLACKWELL 2 E
SR	40	4088	C300	C	REGULAR1	SELECTED	OK000755	1975	1997 N	36	41	18 W	97	16	10	1005	BILLINGS
SR	40	4088	C300	C	REGULAR2	SELECTED	OK006278	1975	1997 N	36	41	18 W	97	16	10	1005	NEWKIRK
SR	40	4088	C300	C	REGULAR3	SELECTED	OK007012	1975	1997 N	36	41	18 W	97	16	10	1005	PERRY
SR	40	4154		F	FIRST O.	SELECTED	OK006661	1980	1997 N	34	44	57 W	97	57	30	1318	OKLAHOMA CITY AIRPOR
SR	40	4154		C	ACTIVE	SELECTED	OK002660	1980	1997 N	34	44	57 W	97	57	30	1318	DUNCAN
SR	40	4154		C	REGULAR1	SELECTED	OK005216	1980	1997 N	34	44	57 W	97	57	30	1318	LINDSAY 2 W
SR	40	4154		C	REGULAR2	SELECTED	OK001750	1980	1997 N	34	44	57 W	97	57	30	1318	CHICKASHA EXPERIMENT
SR	40	4154		C	REGULAR3	SELECTED	OK000224	1980	1997 N	34	44	57 W	97	57	30	1318	ANADARKO 3 E
SR	40	4155		F	FIRST O.	SELECTED	OK000548	1970	1997 N	36	37	3 W	95	56	8	734	BARTLESVILLE 2 W
SR	40	4155		C	ACTIVE	SELECTED	OK000535	1970	1997 N	36	37	3 W	95	56	8	734	BARNSDALL
SR	40	4155		C	REGULAR1	SELECTED	OK006485	1970	1997 N	36	37	3 W	95	56	8	734	NOWATA
SR	40	4155		C	REGULAR2	SELECTED	OK004393	1970	1997 N	36	37	3 W	95	56	8	734	HULAH DAM
SR	40	4155		C	REGULAR3	SELECTED	OK006935	1970	1997 N	36	37	3 W	95	56	8	734	PAWHUSKA
SR	40	4157		F	FIRST O.	SELECTED	OK008992	1980	1997 N	36	4	35 W	95	21	47	606	TULSA INTL AIRPORT
SR	40	4157		C	ACTIVE	SELECTED	OK009247	1980	1997 N	36	4	35 W	95	21	47	606	WAGONER
SR	40	4157		C	REGULAR1	SELECTED	OK007309	1980	1997 N	36	4	35 W	95	21	47	606	PRYOR
SR	40	4157		C	REGULAR2	SELECTED	OK001828	1980	1997 N	36	4	35 W	95	21	47	606	CLAREMORE 2 ENE
SR	40	4157		C	REGULAR3	SELECTED	OK006130	1980	1997 N	36	4	35 W	95	21	47	606	MUSKOGEE
SR	40	4158		F	FIRST O.	SELECTED	OK000548	1980	1997 N	36	37	7 W	95	56	9	731	BARTLESVILLE 2 W
SR	40	4158		C	ACTIVE	SELECTED	OK000535	1980	1997 N	36	37	7 W	95	56	9	731	BARNSDALL
SR	40	4158		C	REGULAR1	SELECTED	OK006485	1980	1997 N	36	37	7 W	95	56	9	731	NOWATA
SR	40	4158		C	REGULAR2	SELECTED	OK004393	1980	1997 N	36	37	7 W	95	56	9	731	HULAH DAM
SR	40	4158		C	REGULAR3	SELECTED	OK006935	1980	1997 N	36	37	7 W	95	56	9	731	PAWHUSKA
SR	40	4160	A400	F	FIRST O.	SELECTED	OK005664	1979	1997 N	34	45	15 W	96	41	2	968	MACALESTER FAA AIRPOR
SR	40	4160	A400	C	ACTIVE	SELECTED	OK000017	1979	1997 N	34	45	15 W	96	41	2	968	ADA
SR	40	4160	A400	C	REGULAR1	SELECTED	OK001745	1979	1997 N	34	45	15 W	96	41	2	968	CHICKASAW NRA
SR	40	4160	A400	C	REGULAR2	SELECTED	OK004235	1979	1997 N	34	45	15 W	96	41	2	968	HOLDENVILLE
SR	40	4160	A400	C	REGULAR3	SELECTED	OK008042	1979	1997 N	34	45	15 W	96	41	2	968	SEMINOLE
SR	40	4161		F	FIRST O.	SELECTED	TX002242	1980	1997 N	34	6	55 W	97	2	20	817	DAL-FTW WSCMO AP
SR	40	4161		C	ACTIVE	SELECTED	OK000292	1980	1997 N	34	6	55 W	97	2	20	817	ARDMORE
SR	40	4161		C	REGULAR1	SELECTED	OK005563	1980	1997 N	34	6	55 W	97	2	20	817	MARIETTA
SR	40	4161		C	REGULAR2	SELECTED	OK005468	1980	1997 N	34	6	55 W	97	2	20	817	MADILL
SR	40	4161		C	REGULAR3	SELECTED	OK004001	1980	1997 N	34	6	55 W	97	2	20	817	HEALTON
SR	40	4162		F	FIRST O.	SELECTED	OK004204	1980	1997 N	34	37	53 W	98	28	54	1193	HOBART FAA AP
SR	40	4162		C	ACTIVE	SELECTED	OK005063	1980	1997 N	34	37	53 W	98	28	54	1193	LAWTON
SR	40	4162		C	REGULAR1	SELECTED	OK001706	1980	1997 N	34	37	53 W	98	28	54	1193	CHATTANOOGA 3 NE
SR	40	4162		C	REGULAR2	SELECTED	OK009629	1980	1997 N	34	37	53 W	98	28	54	1193	WICHITA MTN WL REF
SR	40	4162		C	REGULAR3	SELECTED	OK009278	1980	1997 N	34	37	53 W	98	28	54	1193	WALTERS
SR	40	4163		F	FIRST O.	SELECTED	OK009404	1978	1997 N	36	19	53 W	98	29	5	1314	WAYNOKA
SR	40	4163		C	ACTIVE	SELECTED	OK006629	1978	1997 N	36	19	53 W	98	29	5	1314	WATONGA
SR	40	4163		C	REGULAR1	SELECTED	OK003497	1980	1997 N	35	50	31 W	98	28	31	1524	GEARY
SR	40	4163		C	REGULAR2	SELECTED	OK001445	1980	1997 N	35	50	31 W	98	28	31	1524	CANTON DAM
SR	40	4163		C	REGULAR3	SELECTED	OK006629	1980	1997 N	35	50	31 W	98	28	31	1524	OKEENE
SR	40	4164		F	FIRST O.	SELECTED	OK009404	1978	1997 N	36	19	53 W	98	29	5	1314	WAYNOKA
SR	40	4164		C	ACTIVE	SELECTED	OK004019	1978	1997 N	36	19	53 W	98	29	5	1314	HELENA 1 SSE
SR	40	4164		C	REGULAR1	SELECTED	OK001724	1978	1997 N	36	19	53 W	98	29	5	1314	CHEROKEE
SR	40	4165		F	FIRST O.	SELECTED	OK009404	1980	1997 N	36	23	28 W	98	17	28	1319	WAYNOKA
SR	40	4165		C	ACTIVE	SELECTED	OK004019	1980	1997 N	36	23	28 W	98	17	28	1319	HELENA 1 SSE
SR	40	4165		C	REGULAR1	SELECTED	OK006629	1980	1997 N	36	23	28 W	98	17	28	1319	OKEENE
SR	40	4165		C	REGULAR2	SELECTED	OK002912	1980	1997 N	36	23	28 W	98	17	28	1319	ENID
SR	40	4165		C	REGULAR3	SELECTED	OK001724	1980	1997 N	36	23	28 W	98	17	28	1319	CHEROKEE
SR	40	4166		F	FIRST O.	SELECTED	OK005664	1980	1997 N	35	2	21 W	95	42	42	621	MACALESTER FAA AIRPOR
SR	40	4166		C	ACTIVE	SELECTED	OK002993	1980	1997 N	35	2	21 W	95	42	42	621	EUFALUA 6 SSW
SR	40	4166		C	REGULAR1												

Region	State	SHRP ID	SPS-GPS Link	FC	Weather Station Code	Selection Comment	WS ID	Coverage		Test Section Data						Weather Station Name	
								Period		Latitude			Longitude			Elev (ft)	
								Start	End	Dir	Deg	Min	Sec	Dir	Deg	Min	
SR	40	7024		C	REGULAR3	SELECTED	OK004861	1959	1997 N	35	42	21 W	97	24	57	1089	KINGFISHER 2 SE
SR	45	1008		F	FIRST O.	SELECTED	SC000170	1970	1994 N	34	46	30 W	83	3	30	936	ANDERSON FAA AIRPORT
SR	45	1008		C	ACTIVE	SELECTED	SC008887	1970	1994 N	34	46	30 W	83	3	30	936	WALHALLA
SR	45	1008		C	REGULAR1	SELECTED	SC005278	1970	1994 N	34	46	30 W	83	3	30	936	LONGCREEK
SR	45	1008		C	REGULAR2	SELECTED	SC001770	1970	1994 N	34	46	30 W	83	3	30	936	CLEMSON UNIVERSITY
SR	45	1008		C	REGULAR3	SELECTED	GA008740	1970	1994 N	34	46	30 W	83	3	30	936	TOCCOA
SR	45	1011		F	FIRST O.	SELECTED	SC001544	1980	1997 N	32	49	19 W	80	1	49	12	CHARLESTON WSO AP
SR	45	1011		F	ACTIVE	SELECTED	SC001549	1980	1997 N	32	49	19 W	80	1	49	12	CHARLESTON CITY
SR	45	1011		C	REGULAR1	SELECTED	SC008405	1980	1997 N	32	49	19 W	80	1	49	12	SULLIVANS ISLAND
SR	45	1011		C	REGULAR2	SELECTED	SC008426	1980	1997 N	32	49	19 W	80	1	49	12	SUMMerville
SR	45	1011		C	REGULAR3	SELECTED	SC006893	1980	1997 N	32	49	19 W	80	1	49	12	PINOPOLIS DAM
SR	45	1024		F	FIRST O.	SELECTED	SC001939	1980	1997 N	34	0	48 W	81	8	38	362	COLUMBIA WSFO AP
SR	45	1024		F	ACTIVE	SELECTED	SC001944	1980	1997 N	34	0	48 W	81	8	38	362	COLUMBIA UNIV OF SC
SR	45	1024		C	REGULAR1	SELECTED	SC006775	1980	1997 N	34	0	48 W	81	8	38	362	PELION 4 NW
SR	45	1024		C	REGULAR2	SELECTED	SC007666	1980	1997 N	34	0	48 W	81	8	38	362	SANDHILL RESEARCH EL
SR	45	1024		C	REGULAR3	SELECTED	SC005200	1980	1997 N	34	0	48 W	81	8	38	362	LITTLE MOUNTAIN
SR	45	1025		F	FIRST O.	SELECTED	SC000170	1980	1997 N	34	15	2 W	82	8	15	612	ANDERSON FAA AIRPORT
SR	45	1025		C	ACTIVE	SELECTED	SC003754	1980	1997 N	34	15	2 W	82	8	15	612	GREENWOOD 3 SW
SR	45	1025		C	REGULAR1	SELECTED	SC005017	1980	1997 N	34	15	2 W	82	8	15	612	LAURENS
SR	45	1025		C	REGULAR2	SELECTED	SC007631	1980	1997 N	34	15	2 W	82	8	15	612	SALUDA
SR	45	1025		C	REGULAR3	SELECTED	SC001277	1980	1997 N	34	15	2 W	82	8	15	612	CALHOUN FALLS
SR	45	3012		F	FIRST O.	SELECTED	SC001944	1980	1997 N	34	19	44 W	81	0	19	392	COLUMBIA UNIV OF SC
SR	45	3012		C	ACTIVE	SELECTED	SC009327	1980	1997 N	34	19	44 W	81	0	19	392	WINNSBORO
SR	45	3012		C	REGULAR1	SELECTED	SC007666	1980	1997 N	34	19	44 W	81	0	19	392	SANDHILL RESEARCH EL
SR	45	3012		C	REGULAR2	SELECTED	SC006688	1980	1997 N	34	19	44 W	81	0	19	392	PARR
SR	45	3012		C	REGULAR3	SELECTED	SC001310	1980	1997 N	34	19	44 W	81	0	19	392	CAMDEN 3 W
SR	45	5017		F	FIRST O.	SELECTED	SC001944	1979	1997 N	34	9	8 W	80	57	53	396	COLUMBIA UNIV OF SC
SR	45	5017		C	ACTIVE	SELECTED	SC007666	1979	1997 N	34	9	8 W	80	57	53	396	SANDHILL RESEARCH EL
SR	45	5017		C	REGULAR1	SELECTED	SC009327	1979	1997 N	34	9	8 W	80	57	53	396	WINNSBORO
SR	45	5017		F	REGULAR2	SELECTED	SC001939	1979	1997 N	34	9	8 W	80	57	53	396	COLUMBIA WSFO AP
SR	45	5017		C	REGULAR3	SELECTED	SC001310	1979	1997 N	34	9	8 W	80	57	53	396	CAMDEN 3 W
SR	45	5034		F	FIRST O.	SELECTED	SC003106	1975	1997 N	34	12	29 W	80	2	9	178	FLORENCE FAA AP
SR	45	5034		C	ACTIVE	SELECTED	SC002260	1975	1997 N	34	12	29 W	80	2	9	178	DARLINGTON
SR	45	5034		C	REGULAR1	SELECTED	SC000736	1975	1997 N	34	12	29 W	80	2	9	178	BISHOPVILLE 8 NNW
SR	45	5034		C	REGULAR2	SELECTED	SC003111	1975	1997 N	34	12	29 W	80	2	9	178	FLORENCE 8 NE
SR	45	5034		C	REGULAR3	SELECTED	SC008440	1975	1997 N	34	12	29 W	80	2	9	178	SUMTER
SR	45	5035		F	FIRST O.	SELECTED	SC003106	1975	1997 N	34	12	9 W	79	52	3	140	FLORENCE FAA AP
SR	45	5035		C	ACTIVE	SELECTED	SC002260	1975	1997 N	34	12	9 W	79	52	3	140	DARLINGTON
SR	45	5035		C	REGULAR1	SELECTED	SC003111	1975	1997 N	34	12	9 W	79	52	3	140	FLORENCE 8 NE
SR	45	5035		C	REGULAR2	SELECTED	SC004886	1975	1997 N	34	12	9 W	79	52	3	140	LAKE CITY 2 SE
SR	45	5035		C	REGULAR3	SELECTED	SC000736	1975	1997 N	34	12	9 W	79	52	3	140	BISHOPVILLE 8 NNW
SR	45	7019		F	FIRST O.	SELECTED	TN003747	1946	1997 N	34	56	58 W	82	11	44	863	GRNVL SPART WSO AP
SR	45	7019		C	ACTIVE	SELECTED	NC008744	1946	1997 N	34	56	58 W	82	11	44	863	TRYON
SR	45	7019		C	REGULAR1	SELECTED	SC007113	1946	1997 N	34	56	58 W	82	11	44	863	CHESNEE 7 WSW
SR	45	7019		C	REGULAR2	SELECTED	SC001256	1946	1997 N	34	56	58 W	82	11	44	863	CAESARS HEAD
SR	45	7019		C	REGULAR3	SELECTED	SC009122	1946	1997 N	34	56	58 W	82	11	44	863	WEST PELZER
SR	47	0600		F	FIRST O.	SELECTED	TN004556	1964	1997 N	35	42	16 W	88	40	23	575	JACKSON FCWOS AP
SR	47	0600		C	ACTIVE	SELECTED	TN004561	1964	1997 N	35	42	16 W	88	40	23	575	JACKSON EXP STA
SR	47	0600		C	REGULAR1	SELECTED	TN006012	1964	1997 N	35	42	16 W	88	40	23	575	MILAN EXP STN
SR	47	0600		C	REGULAR2	SELECTED	TN005210	1964	1997 N	35	42	16 W	88	40	23	575	LEXINGTON
SR	47	0600		C	REGULAR3	SELECTED	TN004417	1964	1997 N	35	42	16 W	88	40	23	575	HUNTINGDON WATER PLA
SR	47	1023	C300	F	FIRST O.	SELECTED	TN006750	1972	1997 N	36	11	14 W	84	5	55	1088	OAK RIDGE ATDL
SR	47	1023	C300	C	ACTIVE	SELECTED	TN006619	1972	1997 N	36	11	14 W	84	5	55	1088	NORRIS
SR	47	1023	C300	C	REGULAR1	SELECTED	SC009446	1972	1997 N	36	11	14 W	84	5	55	1088	KNOXVILLE EXP STN
SR	47	1023	C300	C	REGULAR3	SELECTED	TN005158	1972	1997 N	36	11	14 W	84	5	55	1088	LENOIR CITY
SR	47	1028		F	FIRST O.	SELECTED	TN001094	1980	1997 N	36	22	59 W	83	7	21	1136	BRISTOL WSO AIRPORT
SR	47	1028		C	ACTIVE	SELECTED	TN007884	1980	1997 N	36	22	59 W	83	7	21	1136	ROGERSVILLE 1 NE
SR	47	1028		C	REGULAR1	SELECTED	TN006271	1980	1997 N	36	22	59 W	83	7	21	1136	MORRISTOWN RADIO WCR
SR	47	1028		C	REGULAR2	SELECTED	TN004613	1980	1997 N	36	22	59 W	83	7	21	1136	JEFFERSON CITY 3 ENE
SR	47	1028		C	REGULAR3	SELECTED	TN003679	1980	1997 N	36	22	59 W	83	7	21	1136	GREENEVILLE EXP STN
SR	47	1029		F	FIRST O.	SELECTED	TN006162	1980	1997 N	35	3	26 W	85	37	29	621	MONTEAGLE
SR	47	1029		C	ACTIVE	SELECTED	AL001099	1980	1997 N	35	3	26 W	85	37	29	621	BRIDGEPORT 5 NW
SR	47	1029		F	REGULAR1	SELECTED	TN001656	1980	1997 N	35	3	26 W	85	37	29	621	CHATTANOOGA WSO AP
SR	47	1029		C	REGULAR2	SELECTED	AL007304	1980	1997 N	35	3	26 W	85	37	29	621	SCOTTSBORO
SR	47	1029		C	REGULAR3	SELECTED	TN009800	1980	1997 N	35	3	26 W	85	37	29	621	WINCHESTER 2 W
SR	47	2001		F	FIRST O.	SELECTED	TN002685	1979	1997 N	36	10	58 W	89	13	25	289	DYERSBURG FAA AIRPOR
SR	47	2001		C	ACTIVE	SELECTED	TN006012	1973	1997 N	35	51	35 W	88	44	53	488	MILAN EXP STN
SR	47	2008		C	REGULAR1	SELECTED	TN004561	1973	1997 N	35	51	35 W	88	44	53	488	JACKSON EXP STA
SR	47	2008		C	REGULAR2	SELECTED	TN004417	1973	1997 N	35	51	35 W	88	44	53	488	HUNTINGDON WATER PLA
SR	47	2008		C	REGULAR3	SELECTED	TN005210	1973	1997 N	35	51	35 W	88	44	53	488	LEXINGTON
SR	47	3075	B300	F	FIRST O.	SELECTED	TN002197	1971	1997 N	36	4	13 W	85	44	10	1020	CROSSVILLE FAA AIRPO
SR	47	3075	B300	C	ACTIVE	SELECTED	TN008405	1971	1997 N	36	4	13 W	85	44	10	1020	SMITHVILLE 2 SE
SR	47	3075	B300	C	REGULAR1	SELECTED	TN002009	1971	1997 N	36	4	13 W	85	44	10	1020	COOKEVILLE
SR	47	3075	B300	C	REGULAR2	SELECTED	TN001480	1971	1997 N	36	4						

Region	State	SHRP ID	SPS-GPS Link	FC	Weather Station Code	Selection Comment	WS ID	Coverage		Test Section Data								Weather Station Name	
								Period		Latitude				Longitude					
								Start	End	Dir	Deg	Min	Sec	Dir	Deg	Min	Sec		
SR	47	3108		C	ACTIVE	SELECTED	TN006619	1972	1997 N	36	10	32 W	84	5	17	947	NORRIS		
SR	47	3108		C	REGULAR1	SELECTED	TN004946	1972	1997 N	36	10	32 W	84	5	17	947	KNOXVILLE EXP STN		
SR	47	3108		F	REGULAR2	SELECTED	TN004950	1972	1997 N	36	10	32 W	84	5	17	947	KNOXVILLE WSO AIRPOR		
SR	47	3108		C	REGULAR3	SELECTED	TN005158	1972	1997 N	36	10	32 W	84	5	17	947	LENOIR CITY		
SR	47	3109		F	FIRST O.	SELECTED	TN006402	1978	1997 N	35	31	44 W	86	55	50	656	NASHVILLE NWSCMO AP		
SR	47	3109		C	ACTIVE	SELECTED	TN005187	1978	1997 N	35	31	44 W	86	55	50	656	LEWISBURG EXP STN		
SR	47	3109		C	REGULAR1	SELECTED	TN001957	1978	1997 N	35	31	44 W	86	55	50	656	COLUMBIA 3 WNW		
SR	47	3109		C	REGULAR2	SELECTED	TN006435	1978	1997 N	35	31	44 W	86	55	50	656	NEAPOLIS EXP STN		
SR	47	3109		C	REGULAR3	SELECTED	TN006340	1978	1997 N	35	31	44 W	86	55	50	656	MOUNT PLEASANT 1 N		
SR	47	3110		F	FIRST O.	SELECTED	TN006750	1978	1997 N	35	36	42 W	84	34	12	973	OAK RIDGE ATDL		
SR	47	3110		C	ACTIVE	SELECTED	TN000284	1978	1997 N	35	36	42 W	84	34	12	973	ATHENS		
SR	47	3110		C	REGULAR1	SELECTED	TN007834	1978	1997 N	35	36	42 W	84	34	12	973	ROCKWOOD 2		
SR	47	3110		C	REGULAR2	SELECTED	TN005158	1978	1997 N	35	36	42 W	84	34	12	973	LENOIR CITY		
SR	47	3110		C	REGULAR3	SELECTED	TN002560	1978	1997 N	35	36	42 W	84	34	12	973	DAYTON		
SR	47	6015		F	FIRST O.	SELECTED	TN006750	1974	1997 N	35	35	9 W	84	31	48	1012	OAK RIDGE ATDL		
SR	47	6015		C	ACTIVE	SELECTED	TN000284	1974	1997 N	35	35	9 W	84	31	48	1012	ATHENS		
SR	47	6015		C	REGULAR1	SELECTED	TN005158	1974	1997 N	35	35	9 W	84	31	48	1012	LENOIR CITY		
SR	47	6015		C	REGULAR2	SELECTED	TN007834	1974	1997 N	35	35	9 W	84	31	48	1012	ROCKWOOD 2		
SR	47	6015		C	REGULAR3	SELECTED	TN002360	1974	1997 N	35	35	9 W	84	31	48	1012	DAYTON		
SR	47	6022		F	FIRST O.	SELECTED	TN002197	1970	1994 N	36	7	22 W	85	28	59	1082	CROSSVILLE FAA AIRPO		
SR	47	6022		C	ACTIVE	SELECTED	TN002009	1970	1994 N	36	7	22 W	85	28	59	1082	COOKEVILLE		
SR	47	6022		C	REGULAR1	SELECTED	TN008522	1970	1994 N	36	7	22 W	85	28	59	1082	SPARTA		
SR	47	6022		C	REGULAR2	SELECTED	TN005332	1970	1994 N	36	7	22 W	85	28	59	1082	LIVINGSTON RADIO WLI		
SR	47	6022		C	REGULAR3	SELECTED	TN008405	1970	1994 N	36	7	22 W	85	28	59	1082	SMITHVILLE 2 SE		
SR	47	9024		F	FIRST O.	SELECTED	TN006402	1977	1997 N	35	55	48 W	86	14	10	621	NASHVILLE NWSCMO AP		
SR	47	9024		C	ACTIVE	SELECTED	TN006371	1977	1997 N	35	55	48 W	86	14	10	621	MURFREESBORO 5 N		
SR	47	9024		C	REGULAR1	SELECTED	TN009866	1977	1997 N	35	55	48 W	86	14	10	621	WOODBURY 1 WNW		
SR	47	9024		C	REGULAR2	SELECTED	TN005108	1977	1997 N	35	55	48 W	86	14	10	621	LEBANON 3 W		
SR	47	9024		C	REGULAR3	SELECTED	TN008405	1977	1997 N	35	55	48 W	86	14	10	621	SMITHVILLE 2 SE		
SR	47	9025		F	FIRST O.	SELECTED	TN006402	1980	1997 N	35	57	7 W	86	5	46	735	NASHVILLE NWSCMO AP		
SR	47	9025		C	ACTIVE	SELECTED	TN009866	1980	1997 N	35	57	7 W	86	5	46	735	WOODBURY 1 WNW		
SR	47	9025		C	REGULAR1	SELECTED	TN006371	1980	1997 N	35	57	7 W	86	5	46	735	MURFREESBORO 5 N		
SR	47	9025		C	REGULAR2	SELECTED	TN008405	1980	1997 N	35	57	7 W	86	5	46	735	SMITHVILLE 2 SE		
SR	47	9025		C	REGULAR3	SELECTED	TN001480	1980	1997 N	35	57	7 W	86	5	46	735	CARTHAGE		
SR	48	0001		F	FIRST O.	SELECTED	TX000428	1980	1997 N	30	23	30 W	97	43	30	771	AUSTIN AP		
SR	48	0001		C	ACTIVE	SELECTED	TX002585	1980	1997 N	30	23	30 W	97	43	30	771	DRIPPING SPRINGS 6 E		
SR	48	0001		C	REGULAR1	SELECTED	TX003507	1980	1997 N	30	23	30 W	97	43	30	771	GEORGETOWN LAKE		
SR	48	0001		C	REGULAR2	SELECTED	TX002820	1980	1997 N	30	23	30 W	97	43	30	771	ELGIN		
SR	48	0001		C	REGULAR3	SELECTED	TX008861	1980	1997 N	30	23	30 W	97	43	30	771	TAYLOR		
SR	48	0100		F	FIRST O.	SELECTED	TX005702	1980	1997 N	26	30	32 W	98	8	6	85	MCALLEN FAA AIRPORT		
SR	48	0100		C	ACTIVE	SELECTED	TX005721	1980	1997 N	26	30	32 W	98	8	6	85	MC COOK		
SR	48	0100		C	REGULAR1	SELECTED	TX005701	1980	1997 N	26	30	32 W	98	8	6	85	MCALLEN		
SR	48	0100		C	REGULAR2	SELECTED	TX007458	1980	1997 N	26	30	32 W	98	8	6	85	RAYMONDVILLE		
SR	48	0100		C	REGULAR3	SELECTED	TX008059	1980	1997 N	26	30	32 W	98	8	6	85	SANTA ROSA 3 WNW		
SR	48	0800		F	FIRST O.	SELECTED	TX001889	1980	1997 N	30	46	17 W	96	23	2	331	COLLEGE STATION FAA		
SR	48	0800		C	ACTIVE	SELECTED	TX003321	1980	1997 N	30	46	17 W	96	23	2	331	FRANKLIN		
SR	48	0800		C	REGULAR1	SELECTED	TX005477	1980	1997 N	30	46	17 W	96	23	2	331	MADISONVILLE		
SR	48	0800		C	REGULAR2	SELECTED	TX008446	1980	1997 N	30	46	17 W	96	23	2	331	SOMERVILLE DAM		
SR	48	0800		F	REGULAR3	SELECTED	TX009491	1980	1997 N	30	46	17 W	96	23	2	331	WASHINGTON STATE PAR		
SR	48	0900		F	FIRST O.	SELECTED	TX007945	1980	1997 N	29	33	52 W	98	39	22	1000	SAN ANTONIO INTL AP		
SR	48	0900		C	ACTIVE	SELECTED	TX008169	1980	1997 N	29	33	52 W	98	39	22	1000	SAN ANTONIO SEAWORLD		
SR	48	0900		C	REGULAR1	SELECTED	TX009092	1980	1997 N	29	33	52 W	98	39	22	1000	BOERNE		
SR	48	0900		C	REGULAR2	SELECTED	TX005454	1980	1997 N	29	33	52 W	98	39	22	1000	LYTLE 3 W		
SR	48	0900		F	REGULAR3	SELECTED	TX004256	1980	1997 N	29	33	52 W	98	39	22	1000	HONDO AP		
SR	48	1039		F	FIRST O.	SELECTED	TX002244	1980	1997 N	32	29	38 W	96	48	56	566	DALLAS FAA AP		
SR	48	1039		C	ACTIVE	SELECTED	TX009522	1980	1997 N	32	29	38 W	96	48	56	566	WAXAHACHIE		
SR	48	1039		C	REGULAR1	SELECTED	TX003133	1980	1997 N	32	29	38 W	96	48	56	566	FERRIS		
SR	48	1039		C	REGULAR2	SELECTED	TX005018	1980	1997 N	32	29	38 W	96	48	56	566	BARDWELL DAM		
SR	48	1039		C	REGULAR3	SELECTED	TX001246	1980	1997 N	32	29	38 W	96	48	56	566	BURLESON		
SR	48	1046		F	FIRST O.	SELECTED	TX002011	1955	1997 N	35	12	28 W	101	20	40	3432	AMARILLO WSO AIRPORT		
SR	48	1046		C	ACTIVE	SELECTED	TX001778	1955	1997 N	35	12	28 W	101	20	40	3432	CLAUDE		
SR	48	1046		C	REGULAR1	SELECTED	TX006785	1955	1997 N	35	12	28 W	101	20	40	3432	PANHANDLE		
SR	48	1046		C	REGULAR2	SELECTED	TX000958	1955	1997 N	35	12	28 W	101	20	40	3432	BORGER		
SR	48	1046		F	REGULAR3	SELECTED	TX001761	1955	1997 N	35	12	28 W	101	20	40	3432	CLARENDON		
SR	48	1047		C	ACTIVE	SELECTED	TX001778	1970	1997 N	35	12	35 W	101	10	49	3301	CLAUDE		
SR	48	1047		C	REGULAR1	SELECTED	TX006785	1970	1997 N	35	12	35 W	101	10	49	3301	PANHANDLE		
SR	48	1047		C	REGULAR2	SELECTED	TX006776	1970	1997 N	35	12	35 W	101	10	49	3301	PAMPA 2		
SR	48	1047		F	REGULAR3	SELECTED	TX000211	1970	1997 N	35	12	35 W	101	10	49	3301	AMARILLO WSO AIRPORT		
SR	48	1048		F	FIRST O.	SELECTED	TX005890	1974	1997 N	31	53	3 W	102	23	10	2942	MIDLAND WSO AP		
SR	48	1048		C	ACTIVE	SELECTED	TX006932	1974	1997 N	31	53	3 W	102	23	10	2942	PENWELL		
SR	48	1048		C	REGULAR1	SELECTED	TX005891	1974	1997 N	31	53	3 W	102	23	10	2942	MIDLAND 4 ENE		
SR	48	1048		C	REGULAR2	SELECTED	TX000248	1974	1997 N	31	53	3 W	102	23	10	2942	ANDREWS		
SR	48	1048		C	REGULAR3	SELECTED	TX002082	1974	1997 N	31	53	3 W	102	23	10	2942	CRANE		
SR	48	1049		F	FIRST O.	SELECTED	TX005424	1980											

Region	State	SHRP ID	SPS-GPS Link	FC	Weather Station Code	Selection Comment	WS ID	Coverage		Test Section Data						Weather Station Name		
								Period		Latitude			Longitude			Elev (ft)		
								Start	End	Dir	Deg	Min	Sec	Dir	Deg	Min	Sec	
SR	48	1060		C	REGULAR2	SELECTED	TX003618	1980	1997 N	28	30	35	W	97	3	30	78	GOLIAD
SR	48	1060		C	REGULAR3	SELECTED	TX007140	1980	1997 N	28	30	35	W	97	3	30	78	POINT COMFORT
SR	48	1065		F	FIRST O.	SELECTED	TX000211	1969	1997 N	35	13	30	W	102	25	23	4026	AMARILLO WSO AIRPORT
SR	48	1065		C	ACTIVE	SELECTED	TX001000	1969	1997 N	35	13	30	W	102	25	23	4026	BOYS RANCH
SR	48	1065		C	REGULAR1	SELECTED	TX009330	1969	1997 N	35	13	30	W	102	25	23	4026	VEGA
SR	48	1065		C	REGULAR2	SELECTED	TX004098	1969	1997 N	35	13	30	W	102	25	23	4026	HEREFORD
SR	48	1065		C	REGULAR3	SELECTED	TX001649	1969	1997 N	35	13	30	W	102	25	23	4026	CHANNING 2
SR	48	1068		F	FIRST O.	SELECTED	TX008743	1980	1997 N	33	30	22	W	95	35	21	445	SULPHUR SPRINGS
SR	48	1068		C	ACTIVE	SELECTED	TX006794	1980	1997 N	33	30	22	W	95	35	21	445	PARIS
SR	48	1068		C	REGULAR1	SELECTED	TX006119	1980	1997 N	33	30	22	W	95	35	21	445	MOUNT VERNON
SR	48	1068		C	REGULAR2	SELECTED	TX001772	1980	1997 N	33	30	22	W	95	35	21	445	CLARKSVILLE 2 NE
SR	48	1068		C	REGULAR3	SELECTED	TX009023	1980	1997 N	33	30	22	W	95	35	21	445	BONHAM 3 NNE
SR	48	1069	B300, A500	F	FIRST O.	SELECTED	TX002244	1977	1997 N	32	37	2	W	96	25	32	425	DALLAS FAA AP
SR	48	1069	B300, A500	C	ACTIVE	SELECTED	TX004705	1977	1997 N	32	37	2	W	96	25	32	425	KAUFMAN 3 SE
SR	48	1069	B300, A500	C	REGULAR1	SELECTED	TX003133	1977	1997 N	32	37	2	W	96	25	32	425	FERRIS
SR	48	1069	B300, A500	C	REGULAR2	SELECTED	TX009800	1977	1997 N	32	37	2	W	96	25	32	425	WILLS POINT
SR	48	1069	B300, A500	C	REGULAR3	SELECTED	TX000518	1977	1997 N	32	37	2	W	96	25	32	425	BARDWELL DAM
SR	48	1070		F	FIRST O.	SELECTED	TX002244	1977	1997 N	32	35	56	W	96	22	55	429	DALLAS FAA AP
SR	48	1070		C	ACTIVE	SELECTED	TX004705	1977	1997 N	32	35	56	W	96	22	55	429	KAUFMAN 3 SE
SR	48	1070		C	REGULAR1	SELECTED	TX003133	1977	1997 N	32	35	56	W	96	22	55	429	FERRIS
SR	48	1070		C	REGULAR2	SELECTED	TX009800	1977	1997 N	32	35	56	W	96	22	55	429	WILLS POINT
SR	48	1070		C	REGULAR3	SELECTED	TX000518	1977	1997 N	32	35	56	W	96	22	55	429	BARDWELL DAM
SR	48	1076		F	FIRST O.	SELECTED	TX005411	1977	1997 N	33	9	59	W	102	16	58	3018	LUBBOCK AIRPORT STN
SR	48	1076		C	ACTIVE	SELECTED	TX001128	1977	1997 N	33	9	59	W	102	16	58	3018	BROWNFIELD 2
SR	48	1076		C	REGULAR1	SELECTED	TX008818	1977	1997 N	33	9	59	W	102	16	58	3018	TAHOKA
SR	48	1076		C	REGULAR2	SELECTED	TX005183	1977	1997 N	33	9	59	W	102	16	58	3018	LEVELLAND
SR	48	1076		C	REGULAR3	SELECTED	TX007074	1977	1997 N	33	9	59	W	102	16	58	3018	PLAINS
SR	48	1077		F	FIRST O.	SELECTED	TX001698	1980	1997 N	34	32	19	W	100	26	7	1835	CHILDRESS FCWOS AP
SR	48	1077		C	ACTIVE	SELECTED	TX005821	1980	1997 N	34	32	19	W	100	26	7	1835	MEMPHIS
SR	48	1077		C	REGULAR1	SELECTED	TX009565	1980	1997 N	34	32	19	W	100	26	7	1835	WELLINGTON
SR	48	1077		C	REGULAR2	SELECTED	TX009191	1980	1997 N	34	32	19	W	100	26	7	1835	TURKEY
SR	48	1077		C	REGULAR3	SELECTED	OK004249	1980	1997 N	34	32	19	W	100	26	7	1835	HOLLIS
SR	48	1087		F	FIRST O.	SELECTED	TX005348	1973	1997 N	32	22	9	W	95	19	52	545	LONGVIEW 11 SE
SR	48	1087		C	ACTIVE	SELECTED	TX009207	1973	1997 N	32	22	9	W	95	19	52	545	TYLER
SR	48	1087		C	REGULAR1	SELECTED	TX005956	1973	1997 N	32	22	9	W	95	19	52	545	MINEOLA 8 ENE
SR	48	1087		C	REGULAR2	SELECTED	TX0040525	1973	1997 N	32	22	9	W	95	19	52	545	JACKSONVILLE
SR	48	1087		C	REGULAR3	SELECTED	TX003546	1973	1997 N	32	22	9	W	95	19	52	545	GILMER 2 W
SR	48	1092		F	FIRST O.	SELECTED	TX004256	1980	1997 N	29	21	2	W	99	4	5	828	HONDO AP
SR	48	1092		C	ACTIVE	SELECTED	TX005454	1980	1997 N	29	21	2	W	99	4	5	828	LYTLE 3 W
SR	48	1092		C	REGULAR1	SELECTED	TX008169	1980	1997 N	29	21	2	W	99	4	5	828	SAN ANTONIO SEAWORLD
SR	48	1092		C	REGULAR2	SELECTED	TX006879	1980	1997 N	29	21	2	W	99	4	5	828	PEARSALL
SR	48	1092		C	REGULAR3	SELECTED	TX005742	1980	1997 N	29	21	2	W	99	4	5	828	MEDINA 2 W
SR	48	1093		F	FIRST O.	SELECTED	TX006369	1980	1997 N	28	46	38	W	98	18	30	249	BEEVILLE 5 NE
SR	48	1093		C	ACTIVE	SELECTED	TX001720	1980	1997 N	28	46	38	W	98	18	30	249	CHOKE CANYON DAM
SR	48	1093		C	REGULAR1	SELECTED	TX007215	1980	1997 N	28	46	38	W	98	18	30	249	POTEET
SR	48	1093		C	REGULAR2	SELECTED	TX003201	1980	1997 N	28	46	38	W	98	18	30	249	FLORESVILLE
SR	48	1093		C	REGULAR3	SELECTED	TX004696	1980	1997 N	28	46	38	W	98	18	30	249	KARNES CITY 2 N
SR	48	1094	A300	F	FIRST O.	SELECTED	TX007945	1974	1997 N	29	36	8	W	98	42	27	1109	SAN ANTONIO INTL AP
SR	48	1094	A300	C	ACTIVE	SELECTED	TX000902	1974	1997 N	29	36	8	W	98	42	27	1109	BOERNE
SR	48	1094	A300	C	REGULAR1	SELECTED	TX005454	1974	1997 N	29	36	8	W	98	42	27	1109	LYTLE 3 W
SR	48	1094	A300	F	REGULAR2	SELECTED	TX004256	1974	1997 N	29	36	8	W	98	42	27	1109	HONDO AP
SR	48	1094	A300	C	REGULAR3	SELECTED	TX001429	1974	1997 N	29	36	8	W	98	42	27	1109	CANYON DAM
SR	48	1096		F	FIRST O.	SELECTED	TX004256	1979	1997 N	29	21	22	W	98	50	7	774	HONDO AP
SR	48	1096		C	ACTIVE	SELECTED	TX005454	1979	1997 N	29	21	22	W	98	50	7	774	LYTLE 3 W
SR	48	1096		F	REGULAR1	SELECTED	TX007945	1979	1997 N	29	21	22	W	98	50	7	774	SAN ANTONIO INTL AP
SR	48	1096		C	REGULAR2	SELECTED	TX007215	1979	1997 N	29	21	22	W	98	50	7	774	POTEET
SR	48	1096		C	REGULAR3	SELECTED	TX001663	1979	1997 N	29	21	22	W	98	50	7	774	CHARLOTTE 5 NNW
SR	48	1109		F	FIRST O.	SELECTED	TX009491	1980	1997 N	30	45	0	W	95	31	27	340	WASHINGTON STATE PAR
SR	48	1109		C	ACTIVE	SELECTED	TX004382	1980	1997 N	30	45	0	W	95	31	27	340	HUNTSVILLE
SR	48	1109		C	REGULAR1	SELECTED	TX001870	1980	1997 N	30	45	0	W	95	31	27	340	COLDSPRING 5 SSW
SR	48	1109		C	REGULAR2	SELECTED	TX005477	1980	1997 N	30	45	0	W	95	31	27	340	MADISONVILLE
SR	48	1109		C	REGULAR3	SELECTED	TX001956	1980	1997 N	30	45	0	W	95	31	27	340	CONROE
SR	48	1111		F	FIRST O.	SELECTED	TX005411	1972	1997 N	33	31	54	W	101	48	14	3158	LUBBOCK AIRPORT STN
SR	48	1111		C	ACTIVE	SELECTED	TX008818	1972	1997 N	33	31	54	W	101	48	14	3158	TAHOKA
SR	48	1111		C	REGULAR1	SELECTED	TX002121	1972	1997 N	33	31	54	W	101	48	14	3158	CROSBYTON
SR	48	1111		C	REGULAR2	SELECTED	TX005183	1972	1997 N	33	31	54	W	101	48	14	3158	LEVELLAND
SR	48	1111		C	REGULAR3	SELECTED	TX007206	1972	1997 N	33	31	54	W	101	48	14	3158	POST
SR	48	1113		F	FIRST O.	SELECTED	TX005348	1980	1997 N	31	57	28	W	94	42	0	445	LONGVIEW 11 SE
SR	48	1113		C	ACTIVE	SELECTED	TX004081	1980	1997 N	31	57	28	W	94	42	0	445	HENDERSON
SR	48	1113		C	REGULAR1	SELECTED	TX001500	1980	1997 N	31	57	28	W	94	42	0	445	CARTHAGE
SR	48	1113		C	REGULAR2	SELECTED	TX007841	1980	1997 N	31	53	32	W	94	40	52	406	R

Region	State	SHRP ID	SPS-GPS Link	FC	Weather Station Code	Selection Comment	WS ID	Coverage		Test Section Data						Weather Station Name	
								Period		Latitude			Longitude			Elev (ft)	
								Start	End	Dir	Deg	Min	Sec	Dir	Deg	Min	
SR	48	1130		F	FIRST O.	SELECTED	TX007945	1971	1997 N	29	33	36 W	97	56	40	519	SAN ANTONIO INTL AP
SR	48	1130		C	ACTIVE	SELECTED	TX006276	1971	1997 N	29	33	36 W	97	56	40	519	NEW BRAUNFELS
SR	48	1130		C	REGULAR1	SELECTED	TX005429	1971	1997 N	29	33	36 W	97	56	40	519	LULING
SR	48	1130		C	REGULAR2	SELECTED	TX007983	1971	1997 N	29	33	36 W	97	56	40	519	SAN MARCOS
SR	48	1130		C	REGULAR3	SELECTED	TX006368	1971	1997 N	29	33	36 W	97	56	40	519	NIXON
SR	48	1168		F	FIRST O.	SELECTED	TX008743	1980	1997 N	32	40	46 W	95	27	58	418	SULPHUR SPRINGS
SR	48	1168		C	ACTIVE	SELECTED	TX005956	1980	1997 N	32	40	46 W	95	27	58	418	MINEOLA 8 ENE
SR	48	1168		C	REGULAR1	SELECTED	TX004976	1980	1997 N	32	40	46 W	95	27	58	418	LAKE FORK RESERVOIR
SR	48	1168		C	REGULAR2	SELECTED	TX002902	1980	1997 N	32	40	46 W	95	27	58	418	EMORY
SR	48	1168		C	REGULAR3	SELECTED	TX004483	1980	1997 N	32	40	46 W	95	27	58	418	LAKE TAWAKONI
SR	48	1169	G300	F	FIRST O.	SELECTED	TX005348	1972	1997 N	32	11	47 W	94	48	12	430	LONGVIEW 11 SE
SR	48	1169	G300	C	ACTIVE	SELECTED	TX004081	1972	1997 N	32	11	47 W	94	48	12	430	HENDERSON
SR	48	1169	G300	C	REGULAR1	SELECTED	TX001500	1972	1997 N	32	11	47 W	94	48	12	430	CARTHAGE
SR	48	1169	G300	C	REGULAR2	SELECTED	TX009207	1972	1997 N	32	11	47 W	94	48	12	430	TYLER
SR	48	1169	G300	C	REGULAR3	SELECTED	TX004525	1972	1997 N	32	11	47 W	94	48	12	430	JACKSONVILLE
SR	48	1174		F	FIRST O.	SELECTED	TX004810	1970	1997 N	27	47	19 W	97	52	23	109	KINGSVILLE
SR	48	1174		C	ACTIVE	SELECTED	TX000144	1970	1997 N	27	47	19 W	97	52	23	109	ALICE
SR	48	1174		C	REGULAR1	SELECTED	TX007677	1970	1997 N	27	47	19 W	97	52	23	109	ROBSTOWN
SR	48	1174		C	REGULAR2	SELECTED	TX005661	1970	1997 N	27	47	19 W	97	52	23	109	MATHIS 4 SSW
SR	48	1174		F	REGULAR3	SELECTED	TX002015	1970	1997 N	27	47	19 W	97	52	23	109	CORPUS CHRISTI WSFO
SR	48	1178		F	FIRST O.	SELECTED	TX001889	1980	1997 N	30	33	38 W	96	40	11	425	COLLEGE STATION FAA
SR	48	1178		C	ACTIVE	SELECTED	TX008446	1980	1997 N	30	33	38 W	96	40	11	425	SOMERVILLE DAM
SR	48	1178		C	REGULAR1	SELECTED	TX005193	1980	1997 N	30	33	38 W	96	40	11	425	LEXINGTON
SR	48	1178		C	REGULAR2	SELECTED	TX001348	1980	1997 N	30	33	38 W	96	40	11	425	CAMERON
SR	48	1178		C	REGULAR3	SELECTED	TX001048	1980	1997 N	30	33	38 W	96	40	11	425	BRENHAM
SR	48	1181		F	FIRST O.	SELECTED	TX006639	1980	1997 N	28	35	21 W	98	12	31	195	BEEVILLE 5 NE
SR	48	1181		C	ACTIVE	SELECTED	TX001720	1980	1997 N	28	35	21 W	98	12	31	195	CHOKE CANYON DAM
SR	48	1181		C	REGULAR1	SELECTED	TX009031	1980	1997 N	28	35	21 W	98	12	31	195	TILDEN 4 SSE
SR	48	1181		C	REGULAR2	SELECTED	TX004696	1980	1997 N	28	35	21 W	98	12	31	195	KARNES CITY 2 N
SR	48	1181		C	REGULAR3	SELECTED	TX003201	1980	1997 N	28	35	21 W	98	12	31	195	FLORESVILLE
SR	48	1183	E300	F	FIRST O.	SELECTED	TX005411	1975	1995 N	33	19	45 W	101	31	18	2994	LUBBOCK AIRPORT STN
SR	48	1183	E300	C	ACTIVE	SELECTED	TX007206	1975	1995 N	33	19	45 W	101	31	18	2994	POST
SR	48	1183	E300	C	REGULAR1	SELECTED	TX008818	1975	1995 N	33	19	45 W	101	31	18	2994	TAHOKA
SR	48	1183	E300	C	REGULAR2	SELECTED	TX002121	1975	1995 N	33	19	45 W	101	31	18	2994	CROSBYTON
SR	48	1183	E300	C	REGULAR3	SELECTED	TX003411	1975	1995 N	33	19	45 W	101	31	18	2994	GAIL
SR	48	2108		F	FIRST O.	SELECTED	TX003430	1980	1997 N	29	20	51 W	94	55	39	8	GALVESTON
SR	48	2108		C	ACTIVE	SELECTED	TX000204	1980	1997 N	29	20	51 W	94	55	39	8	ALVIN
SR	48	2108		F	REGULAR1	SELECTED	TX004307	1980	1997 N	29	20	51 W	94	55	39	8	HOUSTON FAA AIRPORT
SR	48	2108		C	REGULAR2	SELECTED	TX005086	1980	1997 N	29	20	51 W	94	55	39	8	BAYTOWN
SR	48	2108		C	REGULAR3	SELECTED	TX002025	1980	1997 N	29	20	51 W	94	55	39	8	ANAHUAC
SR	48	2133		F	FIRST O.	SELECTED	TX004792	1980	1997 N	31	4	34 W	97	18	55	599	KILLEEN 3 S
SR	48	2133		C	ACTIVE	SELECTED	TX008910	1980	1997 N	31	4	34 W	97	18	55	599	TEMPLE
SR	48	2133		C	REGULAR1	SELECTED	TX006665	1980	1997 N	31	4	34 W	97	18	55	599	BELTON DAM
SR	48	2133		C	REGULAR2	SELECTED	TX008646	1980	1997 N	31	4	34 W	97	18	55	599	STILLHOUSE HOLLOW DA
SR	48	2133		C	REGULAR3	SELECTED	TX001348	1980	1997 N	31	4	34 W	97	18	55	599	CAMERON
SR	48	2172	D300	F	FIRST O.	SELECTED	TX000786	1980	1997 N	32	21	53 W	100	59	38	2134	BIG SPRING
SR	48	2172	D300	C	ACTIVE	SELECTED	TX008433	1980	1997 N	32	21	53 W	100	59	38	2134	SNYDER
SR	48	2172	D300	C	REGULAR1	SELECTED	TX004974	1980	1997 N	32	21	53 W	100	59	38	2134	LAKE COLORADO CITY
SR	48	2172	D300	C	REGULAR2	SELECTED	TX007743	1980	1997 N	32	21	53 W	100	59	38	2134	ROSCOE
SR	48	2172	D300	C	REGULAR3	SELECTED	TX008630	1980	1997 N	32	21	53 W	100	59	38	2134	STERLING CITY
SR	48	2176		F	FIRST O.	SELECTED	TX005411	1970	1997 N	34	9	55 W	101	42	35	3369	LUBBOCK AIRPORT STN
SR	48	2176		C	ACTIVE	SELECTED	TX007079	1970	1997 N	34	9	55 W	101	42	35	3369	PLAINVIEW
SR	48	2176		C	REGULAR1	SELECTED	TX006644	1970	1997 N	34	9	55 W	101	42	35	3369	OLTON
SR	48	2176		C	REGULAR2	SELECTED	TX003214	1970	1997 N	34	9	55 W	101	42	35	3369	FLOYDADA
SR	48	2176		C	REGULAR3	SELECTED	TX009175	1970	1997 N	34	9	55 W	101	42	35	3369	TULIA
SR	48	3003	A400	F	FIRST O.	SELECTED	TX002244	1973	1997 N	32	52	36 W	96	56	11	431	DALLAS FAA AP
SR	48	3003	A400	F	ACTIVE	SELECTED	TX002242	1973	1997 N	32	52	36 W	96	56	11	431	DAL-FTW WSCMO AP
SR	48	3003	A400	C	REGULAR1	SELECTED	TX003691	1973	1997 N	32	52	36 W	96	56	11	431	GRAPEVINE DAM
SR	48	3003	A400	C	REGULAR2	SELECTED	TX002404	1973	1997 N	32	52	36 W	96	56	11	431	DENTON 2 SE
SR	48	3003	A400	C	REGULAR3	SELECTED	TX005766	1973	1997 N	32	52	36 W	96	56	11	431	MC KINNEY 3 S
SR	48	3010		F	FIRST O.	SELECTED	TX004307	1980	1997 N	30	47	27 W	94	54	37	26	HOUSTON FAA AIRPORT
SR	48	3010		C	ACTIVE	SELECTED	TX000586	1980	1997 N	30	47	27 W	94	54	37	26	BAYTOWN
SR	48	3010		C	REGULAR1	SELECTED	TX000235	1980	1997 N	30	47	27 W	94	54	37	26	ANAHUAC
SR	48	3010		C	REGULAR2	SELECTED	TX004328	1980	1997 N	30	47	27 W	94	54	37	26	HOUSTON SAN JACINTO
SR	48	3010		C	REGULAR3	SELECTED	TX005196	1980	1997 N	30	47	27 W	94	54	37	26	LIBERTY
SR	48	3559	I300	F	FIRST O.	SELECTED	TX009491	1970	1997 N	30	41	48 W	95	38	29	408	WASHINGTON STATE PAR
SR	48	3559	I300	C	ACTIVE	SELECTED	TX004382	1970	1997 N	30	41	48 W	95	38	29	408	HUNTSVILLE
SR	48	3559	I300	C	REGULAR1	SELECTED	TX005477	1970	1997 N	30	41	48 W	95	38	29	408	MADISONVILLE
SR	48	3559	I300	C	REGULAR2	SELECTED	TX001956	1970	1997 N	30	41	48 W	95	38	29	408	CONROE
SR	48	3559	I300	C	REGULAR3	SELECTED	TX001870	1970	1997 N	30	41	48 W	95	38	29	408	COLDSPRING 5 SSW
SR	48	3569		F	FIRST O.	SELECTED	TX008743	1960	1997 N	33	7	40 W	95	45	16	523	SULPHUR SPRINGS
SR	48	3569		C	ACTIVE	SELECTED	TX002902	1960	1997 N	33	7	40 W	95	45	16	523	EMORY
SR	48	3569		C	REGULAR1	SELECTED	TX003734	1960	1997 N	33	7	40 W	95	45	16	523	GREENVILLE KGVL RADI
SR	48	3569															

Region	State	SHRP ID	SPS-GPS Link	FC	Weather Station Code	Selection Comment	WS ID	Coverage		Test Section Data						Weather Station Name	
								Period		Latitude			Longitude			Elev (ft)	
								Start	End	Dir	Deg	Min	Sec	Dir	Deg	Min	Sec
SR	48	3629		C	REGULAR1	SELECTED	TX008160	1966	1997 N	29	43	21 W	96	25	33	260	SEALY
SR	48	3629		C	REGULAR2	SELECTED	TX004903	1966	1997 N	29	43	21 W	96	25	33	260	LA GRANGE
SR	48	3629		C	REGULAR3	SELECTED	TX001048	1966	1997 N	29	43	21 W	96	25	33	260	BRENHAM
SR	48	3669		F	FIRST O.	SELECTED	TX005424	1980	1997 N	31	19	41 W	94	47	12	315	LUFKIN FCWOS
SR	48	3669		C	ACTIVE	SELECTED	TX006177	1980	1997 N	31	19	41 W	94	47	12	315	NACOGDOCHES
SR	48	3669		C	REGULAR1	SELECTED	TX003778	1980	1997 N	31	19	41 W	94	47	12	315	GROVETON
SR	48	3669		C	REGULAR2	SELECTED	TX002114	1980	1997 N	31	19	41 W	94	47	12	315	CROCKETT
SR	48	3669		C	REGULAR3	SELECTED	TX007841	1980	1997 N	31	19	41 W	94	47	12	315	RUSK
SR	48	3679		F	FIRST O.	SELECTED	TX005424	1980	1997 N	31	22	22 W	94	30	16	195	LUFKIN FCWOS
SR	48	3679		C	ACTIVE	SELECTED	TX006177	1980	1997 N	31	22	22 W	94	30	16	195	NACOGDOCHES
SR	48	3679		C	REGULAR1	SELECTED	TX007936	1980	1997 N	31	22	22 W	94	30	16	195	SAM RAYBURN DAM
SR	48	3679		F	REGULAR2	SELECTED	TX001578	1980	1997 N	31	22	22 W	94	30	16	195	CENTER
SR	48	3679		C	REGULAR3	SELECTED	TX003778	1980	1997 N	31	22	22 W	94	30	16	195	GROVETON
SR	48	3689		F	FIRST O.	SELECTED	TX005424	1980	1997 N	30	42	22 W	94	51	31	341	LUFKIN FCWOS
SR	48	3689		C	ACTIVE	SELECTED	TX005271	1980	1997 N	30	42	22 W	94	51	31	341	LIVINGSTON 2 NNE
SR	48	3689		C	REGULAR1	SELECTED	TX001870	1980	1997 N	30	42	22 W	94	51	31	341	COLDSPRING 5 SSW
SR	48	3689		C	REGULAR2	SELECTED	TX001810	1980	1997 N	30	42	22 W	94	51	31	341	CLEVELAND
SR	48	3689		C	REGULAR3	SELECTED	TX003778	1980	1997 N	30	42	22 W	94	51	31	341	GROVETON
SR	48	3699		F	FIRST O.	SELECTED	TX004307	1973	1997 N	29	36	55 W	95	36	20	84	HOUSTON FAA AIRPORT
SR	48	3699		C	ACTIVE	SELECTED	TX008728	1973	1997 N	29	36	55 W	95	36	20	84	SUGAR LAND
SR	48	3699		C	REGULAR1	SELECTED	TX008996	1973	1997 N	29	36	55 W	95	36	20	84	THOMPSONS 3 WSW
SR	48	3699		C	REGULAR2	SELECTED	TX00204	1973	1997 N	29	36	55 W	95	36	20	84	ALVIN
SR	48	3699		F	REGULAR3	SELECTED	TX004300	1973	1997 N	29	36	55 W	95	36	20	84	HOUSTON WSCMO AP
SR	48	3719		F	FIRST O.	SELECTED	TX007174	1964	1997 N	30	0	57 W	94	2	54	21	PORT ARTHUR AP
SR	48	3719		C	ACTIVE	SELECTED	TX000613	1964	1997 N	30	0	57 W	94	2	54	21	BEAUMONT RESEARCH CT
SR	48	3719		C	REGULAR1	SELECTED	TX006664	1964	1997 N	30	0	57 W	94	2	54	21	ORANGE
SR	48	3719		C	REGULAR2	SELECTED	LA003979	1964	1997 N	30	0	57 W	94	2	54	21	HACKBERRY 8 SSW
SR	48	3719		C	REGULAR3	SELECTED	TX00235	1964	1997 N	30	0	57 W	94	2	54	21	ANAHUAC
SR	48	3729		F	FIRST O.	SELECTED	TX001136	1980	1997 N	26	5	12 W	97	35	5	38	BROWNSVILLE WSO AP
SR	48	3729		C	ACTIVE	SELECTED	TX003943	1980	1997 N	26	5	12 W	97	35	5	38	HARLINGEN
SR	48	3729		C	REGULAR1	SELECTED	TX008059	1980	1997 N	26	5	12 W	97	35	5	38	SANTA ROSA 3 WNW
SR	48	3729		C	REGULAR2	SELECTED	TX007179	1980	1997 N	26	5	12 W	97	35	5	38	PORT ISABEL
SR	48	3729		C	REGULAR3	SELECTED	TX009588	1980	1997 N	26	5	12 W	97	35	5	38	WESLACO 2 E
SR	48	3739	N300	F	FIRST O.	SELECTED	TX004810	1980	1997 N	26	59	2 W	97	47	44	36	KINGSVILLE
SR	48	3739	N300	C	ACTIVE	SELECTED	TX003063	1980	1997 N	26	59	2 W	97	47	44	36	FALFURRIAS
SR	48	3739	N300	C	REGULAR1	SELECTED	TX007458	1980	1997 N	26	59	2 W	97	47	44	36	RAYMONDVILLE
SR	48	3739	N300	C	REGULAR2	SELECTED	TX007184	1980	1997 N	26	59	2 W	97	47	44	36	PORT MANSFIELD
SR	48	3739	N300	C	REGULAR3	SELECTED	TX001651	1980	1997 N	26	59	2 W	97	47	44	36	CHAPMAN RANCH
SR	48	3749	M300	F	FIRST O.	SELECTED	TX004810	1980	1997 N	27	55	48 W	98	33	22	570	KINGSVILLE
SR	48	3749	M300	C	ACTIVE	SELECTED	TX003341	1980	1997 N	27	55	48 W	98	33	22	570	FREEER
SR	48	3749	M300	C	REGULAR1	SELECTED	TX000690	1980	1997 N	27	55	48 W	98	33	22	570	BENAVIDES 2
SR	48	3749	M300	C	REGULAR2	SELECTED	TX000144	1980	1997 N	27	55	48 W	98	33	22	570	ALICE
SR	48	3749	M300	C	REGULAR3	SELECTED	TX009031	1980	1997 N	27	55	48 W	98	33	22	570	TILDEN 4 SSE
SR	48	3769	L300	F	FIRST O.	SELECTED	TX002797	1976	1997 N	31	47	59 W	106	15	34	3991	EL PASO AP
SR	48	3769	L300	C	ACTIVE	SELECTED	TX009966	1976	1997 N	31	47	59 W	106	15	34	3991	YSLETA
SR	48	3769	L300	C	REGULAR1	SELECTED	TX002794	1976	1997 N	31	47	59 W	106	15	34	3991	EL PASO 32 ENE
SR	48	3769	L300	C	REGULAR2	SELECTED	TX004931	1976	1997 N	31	47	59 W	106	15	34	3991	LA TUNA 1 S
SR	48	3769	L300	C	REGULAR3	SELECTED	TX009088	1976	1997 N	31	47	59 W	106	15	34	3991	TORNILLO 2 SSE
SR	48	3779		F	FIRST O.	SELECTED	TX002797	1978	1997 N	31	47	35 W	106	26	29	3778	EL PASO AP
SR	48	3779		C	ACTIVE	SELECTED	TX009966	1978	1997 N	31	47	35 W	106	26	29	3778	YSLETA
SR	48	3779		C	REGULAR1	SELECTED	TX004931	1978	1997 N	31	47	35 W	106	26	29	3778	LA TUNA 1 S
SR	48	3779		C	REGULAR2	SELECTED	TX002794	1978	1997 N	31	47	35 W	106	26	29	3778	EL PASO 32 ENE
SR	48	3779		C	REGULAR3	SELECTED	TX009088	1978	1997 N	31	47	35 W	106	26	29	3778	TORNILLO 2 SSE
SR	48	3835		F	FIRST O.	SELECTED	TX001889	1980	1997 N	30	44	3 W	96	26	3	331	COLLEGE STATION FAA
SR	48	3835		C	ACTIVE	SELECTED	TX003321	1980	1997 N	30	44	3 W	96	26	3	331	FRANKLIN
SR	48	3835		C	REGULAR1	SELECTED	TX008446	1980	1997 N	30	44	3 W	96	26	3	331	SOMERVILLE DAM
SR	48	3835		F	REGULAR2	SELECTED	TX009491	1980	1997 N	30	44	3 W	96	26	3	331	WASHINGTON STATE PAR
SR	48	3835		C	REGULAR3	SELECTED	TX001348	1980	1997 N	30	44	3 W	96	26	3	331	CAMERON
SR	48	3845		F	FIRST O.	SELECTED	TX002242	1960	1997 N	33	34	14 W	97	9	59	762	DAL-FTW WSCMO AP
SR	48	3845		C	ACTIVE	SELECTED	TX007028	1960	1997 N	33	34	14 W	97	9	59	762	PILOT POINT
SR	48	3845		C	REGULAR1	SELECTED	TX003415	1960	1997 N	33	34	14 W	97	9	59	762	GAINESVILLE
SR	48	3845		C	REGULAR2	SELECTED	OK005563	1960	1997 N	33	34	14 W	97	9	59	762	MARIETTA
SR	48	3845		C	REGULAR3	SELECTED	TX002404	1960	1997 N	33	34	14 W	97	9	59	762	DENTON 2 SE
SR	48	3855		F	FIRST O.	SELECTED	TX009952	1979	1997 N	29	53	59 W	96	48	25	320	YOAKUM
SR	48	3855		C	ACTIVE	SELECTED	TX004903	1979	1997 N	29	53	59 W	96	48	25	320	LA GRANGE
SR	48	3855		C	REGULAR1	SELECTED	TX001911	1979	1997 N	29	53	59 W	96	48	25	320	COLUMBUS
SR	48	3855		C	REGULAR2	SELECTED	TX008415	1979	1997 N	29	53	59 W	96	48	25	320	SMITHVILLE
SR	48	3855		C	REGULAR3	SELECTED	TX003183	1979	1997 N	29	53	59 W	96	48	25	320	FLATONIA
SR	48	3865	Q300	F	FIRST O.	SELECTED	TX008623	1969	1997 N	31	33	57 W	98	40	8	1473	STEPHENVILLE 1 N
SR	48	3865	Q300	C	ACTIVE	SELECTED	TX003614	1969	1997 N	31	33	57 W	98	40	8	1473	GOLDTHWAITE 1 WSW
SR	48	3865	Q300	C	REGULAR1	SELECTED	TX001138	1969	1997 N	31	33	57 W	98	40	8	1473	BROWNWOOD
SR	48	3865	Q300	C	REGULAR2	SELECTED	TX007992	1969	1997 N	31	33	57 W	98	40	8	1473	SAN SABA
SR	48	3865	Q300	C	REGULAR3	SELECTED	TX007300	1969	1997 N	31	33	57 W	98	40	8	1473	PROCTOR RESERVOIR
SR	48	3875		F	FIRST O.	SELECTED</											

Region	State	SHRP ID	SPS-GPS Link	FC	Weather Station Code	Selection Comment	WS ID	Coverage		Test Section Data						Weather Station Name	
								Period		Latitude			Longitude			Elev (ft)	
								Start	End	Dir	Deg	Min	Sec	Dir	Deg	Min	Sec
SR	48	4146		C	REGULAR3	SELECTED	TX005196	1980	1997 N	29	43	20 W	94	55	49	21	LIBERTY
SR	48	4152	D400	F	FIRST O.	SELECTED	TX004300	1980	1997 N	30	4	40 W	94	46	10	47	HOUSTON WSCMO AP
SR	48	4152	D400	C	ACTIVE	SELECTED	TX005196	1980	1997 N	30	4	40 W	94	46	10	47	LIBERTY
SR	48	4152	D400	C	REGULAR1	SELECTED	TX000235	1980	1997 N	30	4	40 W	94	46	10	47	ANAHUAC
SR	48	4152	D400	C	REGULAR2	SELECTED	TX000586	1980	1997 N	30	4	40 W	94	46	10	47	BAYTOWN
SR	48	4152	D400	C	REGULAR3	SELECTED	TX004328	1980	1997 N	30	4	40 W	94	46	10	47	HOUSTON SAN JACINTO
SR	48	5024		F	FIRST O.	SELECTED	TX009952	1980	1997 N	29	43	33 W	96	34	51	210	YOAKUM
SR	48	5024		C	ACTIVE	SELECTED	TX001911	1980	1997 N	29	43	33 W	96	34	51	210	COLUMBUS
SR	48	5024		C	REGULAR1	SELECTED	TX004903	1980	1997 N	29	43	33 W	96	34	51	210	LA GRANGE
SR	48	5024		C	REGULAR2	SELECTED	TX008160	1980	1997 N	29	43	33 W	96	34	51	210	SEALY
SR	48	5024		C	REGULAR3	SELECTED	TX003873	1980	1997 N	29	43	33 W	96	34	51	210	HALLETTSVILLE 2 N
SR	48	5026		F	FIRST O.	SELECTED	TX004307	1980	1997 N	29	2	31 W	95	28	18	18	HOUSTON FAA AIRPORT
SR	48	5026		C	ACTIVE	SELECTED	TX003340	1980	1997 N	29	2	31 W	95	28	18	18	FREEPORT 2 NW
SR	48	5026		C	REGULAR1	SELECTED	TX000257	1980	1997 N	29	2	31 W	95	28	18	18	ANGLETON 2 W
SR	48	5026		C	REGULAR2	SELECTED	TX000204	1980	1997 N	29	2	31 W	95	28	18	18	ALVIN
SR	48	5026		C	REGULAR3	SELECTED	TX006286	1980	1997 N	29	2	31 W	95	28	18	18	NEW GULF
SR	48	5035		F	FIRST O.	SELECTED	TX002244	1979	1997 N	32	47	52 W	96	40	51	559	DALLAS FAA AP
SR	48	5035		C	ACTIVE	SELECTED	TX003133	1979	1997 N	32	47	52 W	96	40	51	559	FERRIS
SR	48	5035		C	REGULAR1	SELECTED	TX005094	1979	1997 N	32	47	52 W	96	40	51	559	LAVON DAM
SR	48	5035		F	REGULAR2	SELECTED	TX002242	1979	1997 N	32	47	52 W	96	40	51	559	DAL-FTW WSCMO AP
SR	48	5035		C	REGULAR3	SELECTED	TX003691	1979	1997 N	32	47	52 W	96	40	51	559	GRAPEVINE DAM
SR	48	5154		F	FIRST O.	SELECTED	TX009952	1971	1997 N	29	41	34 W	97	12	49	355	YOAKUM
SR	48	5154		C	ACTIVE	SELECTED	TX003183	1971	1997 N	29	41	34 W	97	12	49	355	FLATONIA
SR	48	5154		C	REGULAR1	SELECTED	TX003622	1971	1997 N	29	41	34 W	97	12	49	355	GONZALES 2 N
SR	48	5154		C	REGULAR2	SELECTED	TX003873	1971	1997 N	29	41	34 W	97	12	49	355	HALLETTSVILLE 2 N
SR	48	5154		C	REGULAR3	SELECTED	TX008415	1971	1997 N	29	41	34 W	97	12	49	355	SMITHVILLE
SR	48	5274		F	FIRST O.	SELECTED	TX002242	1973	1997 N	32	40	10 W	97	12	47	641	DAL-FTW WSCMO AP
SR	48	5274		C	ACTIVE	SELECTED	TX000691	1973	1997 N	32	40	10 W	97	12	47	641	BENBROOK DAM
SR	48	5274		C	REGULAR1	SELECTED	TX002677	1973	1997 N	32	40	10 W	97	12	47	641	EAGLE MOUNTAIN LAKE
SR	48	5274		C	REGULAR2	SELECTED	TX003691	1973	1997 N	32	40	10 W	97	12	47	641	GRAPEVINE DAM
SR	48	5274		F	REGULAR3	SELECTED	TX002244	1973	1997 N	32	40	10 W	97	12	47	641	DALLAS FAA AP
SR	48	5278		F	FIRST O.	SELECTED	TX005890	1975	1997 N	31	55	24 W	102	12	49	2868	MIDLAND WSO AP
SR	48	5278		C	ACTIVE	SELECTED	TX005891	1975	1997 N	31	55	24 W	102	12	49	2868	MIDLAND 4 ENE
SR	48	5278		C	REGULAR1	SELECTED	TX006932	1975	1997 N	31	55	24 W	102	12	49	2868	PENWELL
SR	48	5278		C	REGULAR2	SELECTED	TX005888	1975	1997 N	31	55	24 W	102	12	49	2868	MIDKIFF
SR	48	5278		C	REGULAR3	SELECTED	TX000248	1975	1997 N	31	55	24 W	102	12	49	2868	ANDREWS
SR	48	5283		F	FIRST O.	SELECTED	TX002242	1980	1997 N	32	51	50 W	97	6	8	560	DAL-FTW WSCMO AP
SR	48	5283		C	ACTIVE	SELECTED	TX003691	1980	1997 N	32	51	50 W	97	6	8	560	GRAPEVINE DAM
SR	48	5283		C	REGULAR1	SELECTED	TX000337	1980	1997 N	32	51	50 W	97	6	8	560	ARLINGTON
SR	48	5284		F	REGULAR2	SELECTED	TX002244	1980	1997 N	32	54	29 W	97	5	55	562	DALLAS FAA AP
SR	48	5284		C	REGULAR3	SELECTED	TX002404	1980	1997 N	32	54	29 W	97	5	55	562	DENTON 2 SE
SR	48	5287		F	FIRST O.	SELECTED	TX002242	1973	1997 N	32	50	33 W	97	20	19	679	DAL-FTW WSCMO AP
SR	48	5287		C	ACTIVE	SELECTED	TX000691	1973	1997 N	32	50	33 W	97	20	19	679	BENBROOK DAM
SR	48	5287		C	REGULAR1	SELECTED	TX002677	1973	1997 N	32	50	33 W	97	20	19	679	EAGLE MOUNTAIN LAKE
SR	48	5287		C	REGULAR2	SELECTED	TX003691	1973	1997 N	32	50	33 W	97	20	19	679	GRAPEVINE DAM
SR	48	5287		C	REGULAR3	SELECTED	TX009532	1973	1997 N	32	50	33 W	97	20	19	679	WEATHERFORD
SR	48	5301		F	FIRST O.	SELECTED	TX002242	1980	1997 N	32	42	55 W	97	28	43	704	DAL-FTW WSCMO AP
SR	48	5301		C	ACTIVE	SELECTED	TX000691	1980	1997 N	32	42	55 W	97	28	43	704	BENBROOK DAM
SR	48	5301		C	REGULAR1	SELECTED	TX002677	1980	1997 N	32	42	55 W	97	28	43	704	EAGLE MOUNTAIN LAKE
SR	48	5301		C	REGULAR2	SELECTED	TX001246	1980	1997 N	32	42	55 W	97	28	43	704	BURLESON
SR	48	5301		C	REGULAR3	SELECTED	TX009532	1980	1997 N	32	42	55 W	97	28	43	704	WEATHERFORD
SR	48	5310		F	FIRST O.	SELECTED	TX002242	1980	1997 N	33	13	59 W	97	36	33	911	DAL-FTW WSCMO AP
SR	48	5310		C	ACTIVE	SELECTED	TX001063	1980	1997 N	33	13	59 W	97	36	33	911	BRIDGEPORT
SR	48	5310		C	REGULAR1	SELECTED	TX000984	1980	1997 N	33	13	59 W	97	36	33	911	BOWIE
SR	48	5317		F	FIRST O.	SELECTED	TX001761	1979	1997 N	35	12	38 W	101	7	41	3290	CLARENDRON
SR	48	5317		C	ACTIVE	SELECTED	TX001778	1979	1997 N	35	12	38 W	101	7	41	3290	CLAUDE
SR	48	5323		C	REGULAR1	SELECTED	TX006785	1979	1997 N	35	12	38 W	101	7	41	3290	PANHANDLE
SR	48	5323		C	REGULAR2	SELECTED	TX006776	1979	1997 N	35	12	38 W	101	7	41	3290	PAMPA 2
SR	48	5323		C	REGULAR3	SELECTED	TX005770	1979	1997 N	35	12	38 W	101	7	41	3290	MC LEAN
SR	48	5317		C	REGULAR3	SELECTED	TX001800	1980	1997 N	35	12	38 W	97	8	27	650	CLEBURNE
SR	48	5323		F	FIRST O.	SELECTED	TX009729	1975	1997 N	33	35	33 W	97	58	20	1033	WICHITA FALLS WSO AP
SR	48	5328		C	ACTIVE	SELECTED	TX000984	1975	1997 N	33	35	33 W	97	58	20	1033	BOWIE
SR	48	5328		C	REGULAR1	SELECTED	TX004093	1975	1997 N	33	35	33 W	97	58	20	1033	HENRIETTA
SR	48	5328		C	REGULAR2	SELECTED	TX004517	1975	1997 N	33	35	33 W	97	58	20	1033	JACKSBORO
SR	48	5328		C	REGULAR3	SELECTED	TX001063	1975	1997 N	33	35	33 W	97	58	20	1033	BRIDGEPORT
SR	48	5334		F	FIRST O.	SELECTED	TX001761	1970	1997 N	35	13	38 W	100	12	35	2302	CLARENDRON
SR	48	5334		C	ACTIVE	SELECTED	TX008236	1970	1997 N	35	13	38 W	100	12	35	2302	SHAMROCK 2
SR	48	5334		C	REGULAR1	SELECTED	TX005770	1970	1997 N	35	13	38 W	100	12	35	2302	MC LEAN
SR	48	5334		C	REGULAR2	SELECTED	OK002944	1970	1997 N	35	13	38 W	100	12	35	2302	ERICK 4 E
SR	48	5334		C	REGULAR3	SELECTED	TX009565	1970	1997 N	35	13	38 W	100	12	35	2302	WELLINGTON
SR	48	5335		F	FIRST O.	SELECTED	TX001761	1979	1997 N	35	11	41 W	101	4	24	3265	CLARENDRON
SR	48	5335		C	ACTIVE	SELECTED	TX001778	1979	1997 N	35	11	41 W	101	4	24	3265	CLAUDE
SR	48	5335		C	REGULAR1	SELECTED	TX006785	1979	1997 N	35	11	41 W	101	4	24	3265	PANHANDLE
SR	48	5335		C	REGULAR2	SELECTED	TX006776	1979									

Region	State	SHRP ID	SPS-GPS Link	FC	Weather Station Code	Selection Comment	WS ID	Coverage		Test Section Data						Weather Station Name		
								Period		Latitude			Longitude			Elev (ft)		
								Start	End	Dir	Deg	Min	Sec	Dir	Deg	Min	Sec	
SR	48	6079		C	ACTIVE	SELECTED	NM007867	1972	1997 N	35	10	55	W	103	1	50	3826	SAN JON
SR	48	6079		C	REGULAR1	SELECTED	NM001332	1972	1997 N	35	10	55	W	103	1	50	3826	CAMERON
SR	48	6079		C	REGULAR2	SELECTED	TX001033	1972	1997 N	35	10	55	W	103	1	50	3826	BRAVO
SR	48	6079		C	REGULAR3	SELECTED	NM005516	1972	1997 N	35	10	55	W	103	1	50	3826	MC CARTY RANCH
SR	48	6086		F	FIRST O.	SELECTED	TX00639	1971	1997 N	28	10	20	W	97	51	51	186	BEEVILLE 5 NE
SR	48	6086		C	ACTIVE	SELECTED	TX005661	1971	1997 N	28	10	20	W	97	51	51	186	MATHIS 4 SSW
SR	48	6086		C	REGULAR1	SELECTED	TX008354	1971	1997 N	28	10	20	W	97	51	51	186	SINTON
SR	48	6086		C	REGULAR2	SELECTED	TX007677	1971	1997 N	28	10	20	W	97	51	51	186	ROBSTOWN
SR	48	6086		C	REGULAR3	SELECTED	TX000144	1971	1997 N	28	10	20	W	97	51	51	186	ALICE
SR	48	6160		F	FIRST O.	SELECTED	TX005411	1962	1994 N	34	25	46	W	102	59	17	4140	LUBBOCK AIRPORT STN
SR	48	6160		C	ACTIVE	SELECTED	NM001939	1962	1994 N	34	25	46	W	102	59	17	4140	CLOVIS
SR	48	6160		C	REGULAR1	SELECTED	NM001963	1962	1994 N	34	25	46	W	102	59	17	4140	CLOVIS 13 N
SR	48	6160		C	REGULAR2	SELECTED	TX006135	1962	1994 N	34	25	46	W	102	59	17	4140	MULESHOE 1
SR	48	6160		C	REGULAR3	SELECTED	TX003368	1962	1994 N	34	25	46	W	102	59	17	4140	FRIONA
SR	48	6179		F	FIRST O.	SELECTED	TX005411	1965	1997 N	34	18	49	W	102	53	24	3987	LUBBOCK AIRPORT STN
SR	48	6179		C	ACTIVE	SELECTED	TX006135	1965	1997 N	34	18	49	W	102	53	24	3987	MULESHOE 1
SR	48	6179		C	REGULAR1	SELECTED	NM001939	1965	1997 N	34	18	49	W	102	53	24	3987	CLOVIS
SR	48	6179		C	REGULAR2	SELECTED	TX003368	1965	1997 N	34	18	49	W	102	53	24	3987	FRIONA
SR	48	6179		C	REGULAR3	SELECTED	TX006137	1965	1997 N	34	18	49	W	102	53	24	3987	MULESHOE NATL WDLF R
SR	48	7165		F	FIRST O.	SELECTED	TX004307	1962	1997 N	29	47	11	W	95	16	11	43	HOUSTON FAA AIRPORT
SR	48	7165		F	ACTIVE	SELECTED	TX004300	1962	1997 N	29	47	11	W	95	16	11	43	HOUSTON WSCMO AP
SR	48	7165		C	REGULAR1	SELECTED	TX000586	1962	1997 N	29	47	11	W	95	16	11	43	BAYTOWN
SR	48	7165		C	REGULAR2	SELECTED	TX008728	1962	1997 N	29	47	11	W	95	16	11	43	SUGAR LAND
SR	48	7165		C	REGULAR3	SELECTED	TX000204	1962	1997 N	29	47	11	W	95	16	11	43	ALVIN
SR	48	9005	K300	F	FIRST O.	SELECTED	TX007945	1980	1997 N	29	31	0	W	98	43	14	910	SAN ANTONIO INTL AP
SR	48	9005	K300	C	ACTIVE	SELECTED	TX008169	1980	1997 N	29	31	0	W	98	43	14	910	SAN ANTONIO SEAWORLD
SR	48	9005	K300	C	REGULAR1	SELECTED	TX000902	1980	1997 N	29	31	0	W	98	43	14	910	BOERNE
SR	48	9005	K300	C	REGULAR2	SELECTED	TX005454	1980	1997 N	29	31	0	W	98	43	14	910	LYTLE 3 W
SR	48	9005	K300	F	REGULAR3	SELECTED	TX004256	1980	1997 N	29	31	0	W	98	43	14	910	HONDO AP
SR	48	9167		F	FIRST O.	SELECTED	TX006757	1967	1997 N	31	53	46	W	96	22	3	356	PALESTINE 2 NE
SR	48	9167		C	ACTIVE	SELECTED	TX003047	1967	1997 N	31	53	46	W	96	22	3	356	FAIRFIELD 3 W
SR	48	9167		C	REGULAR1	SELECTED	TX002019	1967	1997 N	31	53	46	W	96	22	3	356	CORSICANA
SR	48	9167		C	REGULAR2	SELECTED	TX005869	1967	1997 N	31	53	46	W	96	22	3	356	MEXIA
SR	48	9167		C	REGULAR3	SELECTED	TX006210	1967	1997 N	31	53	46	W	96	22	3	356	NAVARRO MILLS DAM
SR	48	9355		F	FIRST O.	SELECTED	TX002244	1960	1997 N	32	29	4	W	96	49	51	635	DALLAS FAA AP
SR	48	9355		C	ACTIVE	SELECTED	TX009522	1960	1997 N	32	29	4	W	96	49	51	635	WAXAHACHIE
SR	48	9355		C	REGULAR1	SELECTED	TX003133	1960	1997 N	32	29	4	W	96	49	51	635	FERRIS
SR	48	9355		C	REGULAR2	SELECTED	TX000518	1960	1997 N	32	29	4	W	96	49	51	635	BARDWELL DAM
SR	48	9355		F	REGULAR3	SELECTED	TX002242	1960	1997 N	32	29	4	W	96	49	51	635	DAL-FTW WSCMO AP
SR	72	1003		F	FIRST O.	SELECTED	PR000974	1980	1997 N	18	29	30	W	66	48	30	29	BORINQUEN AIRPORT
SR	72	1003		C	ACTIVE	SELECTED	PR000410	1980	1997 N	18	29	30	W	66	48	30	29	ARECIBO 3 ESE
SR	72	3008		F	FIRST O.	SELECTED	PR008812	1973	1997 N	18	20	30	W	66	3	30	508	SAN JUAN WSFO AP
SR	72	3008		C	ACTIVE	SELECTED	PR009521	1973	1997 N	18	20	30	W	66	3	30	508	TRUJILLO ALTO 2 SSW
SR	72	3008		C	REGULAR1	SELECTED	PR008300	1973	1997 N	18	20	30	W	66	3	30	508	RIO PIEDRAS EXP STA
SR	72	3008		C	REGULAR2	SELECTED	PR004276	1973	1997 N	18	20	30	W	66	3	30	508	GURABO SUBSTATION
SR	72	4121		F	FIRST O.	SELECTED	PR000974	1980	1997 N	18	26	40	W	66	41	30	50	BORINQUEN AIRPORT
SR	72	4121		C	ACTIVE	SELECTED	PR000410	1980	1997 N	18	26	40	W	66	41	30	50	ARECIBO 3 ESE
SR	72	4122		F	FIRST O.	SELECTED	PR000974	1973	1997 N	18	26	30	W	66	40	40	66	BORINQUEN AIRPORT
SR	72	4122		C	ACTIVE	SELECTED	PR000410	1973	1997 N	18	26	30	W	66	40	40	66	ARECIBO 3 ESE
WR	02	1001		F	FIRST O.	SELECTED	AK009829	1980	1997 N	60	39	0	W	149	29	32	1310	WHITTIER
WR	02	1001		C	ACTIVE	SELECTED	AK005894	1980	1997 N	60	39	0	W	149	29	32	1310	MOOSE PASS 3 NW
WR	02	1001		C	REGULAR1	SELECTED	AK003720	1980	1997 N	60	39	0	W	149	29	32	1310	HOPE
WR	02	1001		C	REGULAR2	SELECTED	AK002144	1980	1997 N	60	39	0	W	149	29	32	1310	COOPER LAKE PROJECT
WR	02	1001		C	REGULAR3	SELECTED	AK002149	1980	1997 N	60	39	0	W	149	29	32	1310	COOPER LANDING 6 W
WR	02	1002		F	FIRST O.	SELECTED	AK009829	1980	1997 N	60	45	32	W	149	14	21	839	WHITTIER
WR	02	1002		C	ACTIVE	SELECTED	AK000243	1980	1997 N	60	45	32	W	149	14	21	839	ALYESKA
WR	02	1002		C	REGULAR1	SELECTED	AK007494	1980	1997 N	60	45	32	W	149	14	21	839	PORTAGE 1 S
WR	02	1002		C	REGULAR2	SELECTED	AK003720	1980	1997 N	60	45	32	W	149	14	21	839	HOPE
WR	02	1002		C	REGULAR3	SELECTED	AK005894	1980	1997 N	60	45	32	W	149	14	21	839	MOOSE PASS 3 NW
WR	02	1004		F	FIRST O.	SELECTED	AK002820	1977	1997 N	61	10	51	W	149	44	53	315	ELMENDORF AFB
WR	02	1004		F	REGULAR1	SELECTED	AK002800	1977	1997 N	61	10	51	W	149	44	53	315	ANCHORAGE WSCMO AP
WR	02	1004		C	REGULAR2	SELECTED	AK003720	1977	1997 N	61	10	51	W	149	44	53	315	HOPE
WR	02	1004		C	REGULAR3	SELECTED	AK005883	1977	1997 N	61	10	51	W	149	44	53	315	MIRROR LAKE SCOUT CA
WR	02	1008		F	FIRST O.	SELECTED	AK002107	1978	1997 N	64	56	52	W	147	38	11	721	COLLEGE 5 NW
WR	02	1008		C	ACTIVE	SELECTED	AK002112	1978	1997 N	64	56	52	W	147	38	11	721	UNIVERSITY EXP STA
WR	02	1008		F	REGULAR1	SELECTED	AK009641	1978	1997 N	64	56	52	W	147	38	11	721	FAIRBANKS WSO AIRPOR
WR	02	1008		C	REGULAR3	SELECTED	AK002968	1978	1997 N	64	56	52	W	147	38	11	721	NORTH POLE
WR	02	6010		F	FIRST O.	SELECTED	AK002820	1969	1997 N	61	19	49	W	149	33	45	252	ELMENDORF AFB
WR	02	6010		C	ACTIVE	SELECTED	AK009759	1969	1997 N	61	19	49	W	149	33	45	252	WASILLA 3 S
WR	02	6010		C	REGULAR1	SELECTED	AK002730	1969	1997 N	61	19	49	W	149	33	45	252	EKLUTNA PROJECT
WR	02	6010		F	REGULAR3	SELECTED	AK002800	1969	1997 N	61	19	49	W					

Region	State	SHRP ID	SPS-GPS Link	FC	Weather Station Code	Selection Comment	WS ID	Coverage		Test Section Data						Weather Station Name	
								Period		Latitude			Longitude			Elev (ft)	
								Start	End	Dir	Deg	Min	Sec	Dir	Deg	Min	
WR	04	0600		F	FIRST O.	SELECTED	AZ003010	1966	1997 N	35	13	9 W	111	33	52	6900	FLAGSTAFF AP
WR	04	0600		C	ACTIVE	SELECTED	AZ003160	1966	1997 N	35	13	9 W	111	33	52	6900	FORT VALLEY
WR	04	0600		C	REGULAR1	SELECTED	AZ008329	1966	1997 N	35	13	9 W	111	33	52	6900	SUNSET CRATER NATL M
WR	04	0900		F	FIRST O.	SELECTED	CA006118	1980	1997 N	35	23	30 W	114	15	18	3580	NEEDLES FCWOS
WR	04	0900		C	ACTIVE	SELECTED	AZ009309	1980	1997 N	35	23	30 W	114	15	18	3580	WIKIEUP
WR	04	0900		C	REGULAR1	SELECTED	AZ004645	1980	1997 N	35	23	30 W	114	15	18	3580	KINGMAN NO 2
WR	04	0900		C	REGULAR2	SELECTED	AZ009645	1980	1997 N	35	23	30 W	114	15	18	3580	YUCCA 1 NNE
WR	04	0900		C	REGULAR3	SELECTED	AZ007716	1980	1997 N	35	23	30 W	114	15	18	3580	SELIGMAN
WR	04	1001		F	FIRST O.	SELECTED	AZ006486	1978	1997 N	33	27	43 W	112	26	59	1046	PHOENIX CITY
WR	04	1001		C	ACTIVE	SELECTED	AZ004977	1978	1997 N	33	27	43 W	112	26	59	1046	LITCHFIELD PARK
WR	04	1001		C	REGULAR1	SELECTED	AZ001026	1978	1997 N	33	27	43 W	112	26	59	1046	BUCKEYE
WR	04	1001		C	REGULAR2	SELECTED	AZ009634	1978	1997 N	33	27	43 W	112	26	59	1046	YOUNGTOWN
WR	04	1001		C	REGULAR3	SELECTED	AZ004829	1978	1997 N	33	27	43 W	112	26	59	1046	LAVEEN 3 SSE
WR	04	1002		F	FIRST O.	SELECTED	AZ003010	1979	1997 N	35	13	10 W	112	29	21	5135	FLAGSTAFF AP
WR	04	1002		C	ACTIVE	SELECTED	AZ009359	1979	1997 N	35	13	10 W	112	29	21	5135	WILLIAMS
WR	04	1002		C	REGULAR1	SELECTED	AZ007716	1979	1997 N	35	13	10 W	112	29	21	5135	SELIGMAN
WR	04	1002		C	REGULAR2	SELECTED	AZ009158	1979	1997 N	35	13	10 W	112	29	21	5135	WALNUT CREEK
WR	04	1002		C	REGULAR3	SELECTED	AZ001654	1979	1997 N	35	13	10 W	112	29	21	5135	CHINO VALLEY
WR	04	1003		F	FIRST O.	SELECTED	AZ006486	1975	1997 N	33	28	56 W	112	51	51	1104	PHOENIX CITY
WR	04	1003		C	ACTIVE	SELECTED	AZ001026	1975	1997 N	33	28	56 W	112	51	51	1104	BUCKEYE
WR	04	1003		C	REGULAR1	SELECTED	AZ008641	1975	1997 N	33	28	56 W	112	51	51	1104	TONOPAH 5 NE
WR	04	1003		C	REGULAR2	SELECTED	AZ004977	1975	1997 N	33	28	56 W	112	51	51	1104	LITCHFIELD PARK
WR	04	1003		C	REGULAR3	SELECTED	AZ009634	1975	1997 N	33	28	56 W	112	51	51	1104	YOUNGTOWN
WR	04	1006		F	FIRST O.	SELECTED	AZ006486	1975	1997 N	33	26	13 W	112	39	37	1050	PHOENIX CITY
WR	04	1006		C	ACTIVE	SELECTED	AZ001026	1975	1997 N	33	26	13 W	112	39	37	1050	BUCKEYE
WR	04	1006		C	REGULAR1	SELECTED	AZ008641	1975	1997 N	33	26	13 W	112	39	37	1050	TONOPAH 5 NE
WR	04	1006		C	REGULAR2	SELECTED	AZ004977	1975	1997 N	33	26	13 W	112	39	37	1050	LITCHFIELD PARK
WR	04	1006		C	REGULAR3	SELECTED	AZ009634	1975	1997 N	33	26	13 W	112	39	37	1050	YOUNGTOWN
WR	04	1007		F	FIRST O.	SELECTED	AZ006486	1978	1997 N	33	26	11 W	112	34	53	1044	PHOENIX CITY
WR	04	1007		C	ACTIVE	SELECTED	AZ001026	1978	1997 N	33	26	11 W	112	34	53	1044	BUCKEYE
WR	04	1007		C	REGULAR1	SELECTED	AZ004977	1978	1997 N	33	26	11 W	112	34	53	1044	LITCHFIELD PARK
WR	04	1007		C	REGULAR2	SELECTED	AZ008641	1978	1997 N	33	26	11 W	112	34	53	1044	TONOPAH 5 NE
WR	04	1007		C	REGULAR3	SELECTED	AZ009634	1978	1997 N	33	26	11 W	112	34	53	1044	YOUNGTOWN
WR	04	1015		F	FIRST O.	SELECTED	AZ008820	1979	1997 N	31	33	33 W	111	3	4	3333	TUCSON WSO AP
WR	04	1015		C	ACTIVE	SELECTED	AZ008865	1979	1997 N	31	33	33 W	111	3	4	3333	TUMACACORI NATL MONU
WR	04	1015		C	REGULAR1	SELECTED	AZ005924	1979	1997 N	31	33	33 W	111	3	4	3333	NOGALES 6 N
WR	04	1015		C	REGULAR2	SELECTED	AZ007593	1979	1997 N	31	33	33 W	111	3	4	3333	SANTA RITA EXP RANGE
WR	04	1015		C	REGULAR3	SELECTED	AZ007625	1979	1997 N	31	33	33 W	111	3	4	3333	SASABE 6 NNE
WR	04	1016	D300	F	FIRST O.	SELECTED	AZ008820	1979	1997 N	31	38	19 W	111	3	28	3218	TUCSON WSO AP
WR	04	1016	D300	C	ACTIVE	SELECTED	AZ008865	1979	1997 N	31	38	19 W	111	3	28	3218	TUMACACORI NATL MONU
WR	04	1016	D300	C	REGULAR1	SELECTED	AZ005924	1979	1997 N	31	38	19 W	111	3	28	3218	NOGALES 6 N
WR	04	1016	D300	C	REGULAR2	SELECTED	AZ007625	1979	1997 N	31	38	19 W	111	3	28	3218	SASABE 6 NNE
WR	04	1017	C300	F	FIRST O.	SELECTED	AZ008820	1976	1997 N	31	45	58 W	111	2	9	2990	TUCSON WSO AP
WR	04	1017	C300	C	REGULAR1	SELECTED	AZ008865	1976	1997 N	31	45	58 W	111	2	9	2990	TUMACACORI NATL MONU
WR	04	1017	C300	C	REGULAR2	SELECTED	AZ005924	1976	1997 N	31	45	58 W	111	2	9	2990	NOGALES 6 N
WR	04	1017	C300	C	REGULAR3	SELECTED	AZ000287	1976	1997 N	31	45	58 W	111	2	9	2990	ANVIL RANCH
WR	04	1018		F	FIRST O.	SELECTED	AZ008820	1976	1997 N	31	48	27 W	111	0	43	2466	TUCSON WSO AP
WR	04	1018		C	REGULAR1	SELECTED	AZ008865	1976	1997 N	31	48	27 W	111	0	43	2466	TUMACACORI NATL MONU
WR	04	1018		C	REGULAR2	SELECTED	AZ000287	1976	1997 N	31	48	27 W	111	0	43	2466	ANVIL RANCH
WR	04	1021	B300	F	FIRST O.	SELECTED	CA006118	1978	1997 N	35	9	39 W	113	40	56	3574	NEEDLES FCWOS
WR	04	1021	B300	C	ACTIVE	SELECTED	AZ009309	1978	1997 N	35	9	39 W	113	40	56	3574	YUCCA 1 NNE
WR	04	1021	B300	C	REGULAR1	SELECTED	AZ004645	1978	1997 N	35	9	39 W	113	40	56	3574	KINGMAN NO 2
WR	04	1021	B300	C	REGULAR2	SELECTED	AZ009309	1978	1997 N	35	9	39 W	113	40	56	3574	WIKIEUP
WR	04	1021	B300	C	REGULAR3	SELECTED	AZ007716	1978	1997 N	35	9	39 W	113	40	56	3574	SELIGMAN
WR	04	1022		F	FIRST O.	SELECTED	AZ006118	1977	1997 N	35	9	41 W	113	35	51	3750	NEEDLES FCWOS
WR	04	1022		C	ACTIVE	SELECTED	AZ009309	1977	1997 N	35	9	41 W	113	35	51	3750	WIKIEUP
WR	04	1022		C	REGULAR1	SELECTED	AZ004645	1977	1997 N	35	9	41 W	113	35	51	3750	KINGMAN NO 2
WR	04	1022		C	REGULAR2	SELECTED	AZ009645	1977	1997 N	35	9	41 W	113	35	51	3750	YUCCA 1 NNE
WR	04	1022		C	REGULAR3	SELECTED	AZ007716	1977	1997 N	35	9	41 W	113	35	51	3750	SELIGMAN
WR	04	1024		F	FIRST O.	SELECTED	AZ003010	1977	1997 N	35	16	43 W	113	7	53	5456	FLAGSTAFF AP
WR	04	1024		C	ACTIVE	SELECTED	AZ007716	1977	1997 N	35	16	43 W	113	7	53	5456	SELIGMAN
WR	04	1024		C	REGULAR1	SELECTED	AZ009158	1977	1997 N	35	16	43 W	113	7	53	5456	WALNUT CREEK
WR	04	1024		C	REGULAR2	SELECTED	AZ009359	1977	1997 N	35	16	43 W	113	7	53	5456	WILLIAMS
WR	04	1024		C	REGULAR3	SELECTED	AZ001654	1977	1997 N	35	16	43 W	113	7	53	5456	CHINO VALLEY
WR	04	1025		F	FIRST O.	SELECTED	AZ003010	1978	1997 N	35	17	49 W	113	1	42	5460	FLAGSTAFF AP
WR	04	1025		C	ACTIVE	SELECTED	AZ007716	1978	1997 N	35	17	49 W	113	1	42	5460	SELIGMAN
WR	04	1025		C	REGULAR1	SELECTED	AZ009158	1978	1997 N	35	17	49 W	113	1	42	5460	WALNUT CREEK
WR	04	1025		C	REGULAR2	SELECTED	AZ009359	1978	1997 N	35	17	49 W	113	1	42	5460	WILLIAMS
WR	04	1025		C	REGULAR3	SELECTED	AZ001654	1978	1997 N	35	17	49 W	113	1	42	5460	CHINO VALLEY
WR	04	1034		F	FIRST O.	SELECTED	AZ009027	1975	1997 N	34	9	30 W	114	16	8	419	LYTHE FCWOS
WR	04	1034		C	ACTIVE	SELECTED	AZ006250	1975	1997 N	34	9	30 W	114	16	8	419	PARKER 6 NE
WR	04	1034		C	REGULAR1	SELECTED	CA006699	1975	1997 N	34	9	30 W	114	16	8	419	PARKER RESERVOIR
WR	04	1034		C	REGULAR2	SELECTED	AZ000949										

Region	State	SHRP ID	SPS-GPS Link	FC	Weather Station Code	Selection Comment	WS ID	Coverage		Test Section Data						Weather Station Name	
								Period		Latitude			Longitude			Elev (ft)	
								Start	End	Dir	Deg	Min	Sec	Dir	Deg	Min	Sec
WR	04	6053		C	ACTIVE	SELECTED	AZ001330	1956	1997 N	31	58	29 W	110	30	19	3840	CASCABEL
WR	04	6053		C	REGULAR1	SELECTED	AZ000309	1956	1997 N	31	58	29 W	110	30	19	3840	APACHE POWDER COMPAN
WR	04	6053		C	REGULAR2	SELECTED	AZ007593	1956	1997 N	31	58	29 W	110	30	19	3840	SANTA RITA EXP RANGE
WR	04	6054		F	FIRST O.	SELECTED	AZ008820	1969	1997 N	32	2	21 W	110	59	36	2682	TUCSON WSO AP
WR	04	6054		C	ACTIVE	SELECTED	AZ008815	1969	1997 N	32	2	21 W	110	59	36	2682	TUCSON UNIV OF ARIZO
WR	04	6054		C	REGULAR1	SELECTED	AZ008817	1969	1997 N	32	2	21 W	110	59	36	2682	TUCSON U OF ARIZ # 1
WR	04	6054		C	REGULAR2	SELECTED	AZ008796	1969	1997 N	32	2	21 W	110	59	36	2682	TUCSON CAMP AVE EXP
WR	04	6054		C	REGULAR3	SELECTED	AZ008800	1969	1997 N	32	2	21 W	110	59	36	2682	TUCSON MAGNETIC OBSY
WR	04	6055		F	FIRST O.	SELECTED	AZ006486	1956	1997 N	33	14	48 W	112	38	19	910	PHOENIX CITY
WR	04	6055		C	ACTIVE	SELECTED	AZ001026	1956	1997 N	33	14	48 W	112	38	19	910	BUCKEYE
WR	04	6055		C	REGULAR1	SELECTED	AZ003393	1956	1997 N	33	14	48 W	112	38	19	910	GILA BEND
WR	04	6055		C	REGULAR2	SELECTED	AZ004977	1956	1997 N	33	14	48 W	112	38	19	910	LITCHFIELD PARK
WR	04	6055		C	REGULAR3	SELECTED	AZ004829	1956	1997 N	33	14	48 W	112	38	19	910	LAVEEN 3 SSE
WR	04	6060		F	FIRST O.	SELECTED	AZ008820	1967	1997 N	31	31	8 W	111	0	59	3350	TUCSON WSO AP
WR	04	6060		C	ACTIVE	SELECTED	AZ008865	1967	1997 N	31	31	8 W	111	0	59	3350	TUMACACORI NATL MONU
WR	04	6060		C	REGULAR1	SELECTED	AZ005924	1967	1997 N	31	31	8 W	111	0	59	3350	NOGALES 6 N
WR	04	6060		C	REGULAR2	SELECTED	AZ005921	1967	1997 N	31	31	8 W	111	0	59	3350	NOGALES
WR	04	6060		C	REGULAR3	SELECTED	AZ007593	1967	1997 N	31	31	8 W	111	0	59	3350	SANTA RITA EXP RANGE
WR	04	7079		F	FIRST O.	SELECTED	AZ006486	1980	1997 N	33	36	8 W	112	15	14	1151	PHOENIX CITY
WR	04	7079		C	ACTIVE	SELECTED	AZ009634	1980	1997 N	33	36	8 W	112	15	14	1151	YOUNGTOWN
WR	04	7079		C	REGULAR1	SELECTED	AZ004977	1980	1997 N	33	36	8 W	112	15	14	1151	LITCHFIELD PARK
WR	04	7079		C	REGULAR2	SELECTED	AZ008112	1980	1997 N	33	36	8 W	112	15	14	1151	SOUTH PHOENIX
WR	04	7079		C	REGULAR3	SELECTED	AZ004829	1980	1997 N	33	36	8 W	112	15	14	1151	LAVEEN 3 SSE
WR	04	7613	A400	F	FIRST O.	SELECTED	AZ006481	1980	1997 N	33	23	12 W	111	50	23	1190	PHOENIX AIRPORT
WR	04	7613	A400	C	ACTIVE	SELECTED	AZ008499	1980	1997 N	33	23	12 W	111	50	23	1190	TEMPE A S U
WR	04	7613	A400	C	REGULAR1	SELECTED	AZ008112	1980	1997 N	33	23	12 W	111	50	23	1190	SOUTH PHOENIX
WR	04	7613	A400	F	REGULAR2	SELECTED	AZ006486	1980	1997 N	33	23	12 W	111	50	23	1190	PHOENIX CITY
WR	04	7613	A400	C	REGULAR3	SELECTED	AZ001514	1980	1997 N	33	23	12 W	111	50	23	1190	CHANDLER HEIGHTS
WR	04	7614		F	FIRST O.	SELECTED	AZ006486	1980	1997 N	33	27	26 W	112	19	32	990	PHOENIX CITY
WR	04	7614		C	ACTIVE	SELECTED	AZ004977	1980	1997 N	33	27	26 W	112	19	32	990	LITCHFIELD PARK
WR	04	7614		C	REGULAR1	SELECTED	AZ009634	1980	1997 N	33	27	26 W	112	19	32	990	YOUNGTOWN
WR	04	7614		C	REGULAR2	SELECTED	AZ004829	1980	1997 N	33	27	26 W	112	19	32	990	LAVEEN 3 SSE
WR	04	7614		C	REGULAR3	SELECTED	AZ001026	1980	1997 N	33	27	26 W	112	19	32	990	BUCKEYE
WR	04	A900		F	FIRST O.	SELECTED	CA006118	1980	1997 N	35	23	30 W	114	15	18	3580	NEEDLES FCWOS
WR	04	A900		C	ACTIVE	SELECTED	CA009309	1980	1997 N	35	23	30 W	114	15	18	3580	WIKIEUP
WR	04	A900		C	REGULAR1	SELECTED	CA004645	1980	1997 N	35	23	30 W	114	15	18	3580	KINGMAN NO 2
WR	04	A900		C	REGULAR2	SELECTED	CA009645	1980	1997 N	35	23	30 W	114	15	18	3580	YUCCA 1 NNE
WR	04	A900		C	REGULAR3	SELECTED	CA007716	1980	1997 N	35	23	30 W	114	15	18	3580	SELIGMAN
WR	04	B900		F	FIRST O.	SELECTED	AZ006486	1980	1997 N	33	27	50 W	112	28	7	1040	PHOENIX CITY
WR	04	B900		C	ACTIVE	SELECTED	AZ004977	1980	1997 N	33	27	50 W	112	28	7	1040	LITCHFIELD PARK
WR	04	B900		C	REGULAR1	SELECTED	AZ001026	1980	1997 N	33	27	50 W	112	28	7	1040	BUCKEYE
WR	04	B900		C	REGULAR2	SELECTED	AZ009634	1980	1997 N	33	27	50 W	112	28	7	1040	YOUNGTOWN
WR	04	B900		C	REGULAR3	SELECTED	AZ004829	1980	1997 N	33	27	50 W	112	28	7	1040	LAVEEN 3 SSE
WR	06	0500		F	FIRST O.	SELECTED	CA002257	1980	1997 N	34	48	51 W	116	36	9	2227	DAGGETT FCWOS
WR	06	0500		C	ACTIVE	SELECTED	CA000521	1980	1997 N	34	48	51 W	116	36	9	2227	BARSTOW FIRE STATION
WR	06	0500		C	REGULAR2	SELECTED	CA009325	1980	1997 N	34	48	51 W	116	36	9	2227	VICTORVILLE PUMP PLA
WR	06	1253	A300	F	FIRST O.	SELECTED	CA007633	1970	1997 N	39	46	22 W	121	43	56	1183	SACRAMENTO DOWNTOWN
WR	06	1253	A300	C	ACTIVE	SELECTED	CA006685	1970	1997 N	39	46	22 W	121	43	56	1183	PARADISE
WR	06	1253	A300	C	REGULAR1	SELECTED	CA001715	1970	1997 N	39	46	22 W	121	43	56	1183	CHICO UNIVERSITY FAR
WR	06	1253	A300	C	REGULAR3	SELECTED	CA006521	1970	1997 N	39	46	22 W	121	43	56	1183	OROVILLE
WR	06	2002		F	FIRST O.	SELECTED	CA005983	1980	1997 N	41	37	16 W	122	12	0	5000	MOUNT SHASTA
WR	06	2002		C	ACTIVE	SELECTED	CA005941	1980	1997 N	41	37	16 W	122	12	0	5000	MOUNT HEBRON RNG STN
WR	06	2002		C	REGULAR1	SELECTED	CA004949	1980	1997 N	41	37	16 W	122	12	0	5000	WEED FIRE DEPT
WR	06	2002		C	REGULAR2	SELECTED	CA009866	1980	1997 N	41	37	16 W	122	12	0	5000	YREKA
WR	06	2002		C	REGULAR3	SELECTED	CA005449	1980	1997 N	41	37	16 W	122	12	0	5000	MC CLOUD
WR	06	2004		F	FIRST O.	SELECTED	CA000609	1976	1997 N	33	30	32 W	117	9	19	1030	BEAUMONT 1 E
WR	06	2004		C	ACTIVE	SELECTED	CA008655	1976	1997 N	33	30	32 W	117	9	19	1030	SUN CITY
WR	06	2004		C	REGULAR1	SELECTED	CA002805	1976	1997 N	33	30	32 W	117	9	19	1030	EL SINORE
WR	06	2004		C	REGULAR2	SELECTED	CA009378	1976	1997 N	33	30	32 W	117	9	19	1030	VISTA 2 NNE
WR	06	2038		F	FIRST O.	SELECTED	CA002147	1972	1997 N	41	47	41 W	124	9	29	41	CRESCENT CITY 3 NNW
WR	06	2038		F	ACTIVE	SELECTED	OR001055	1972	1997 N	41	47	41 W	124	9	29	41	BROOKINGS 2 SE
WR	06	2038		C	REGULAR1	SELECTED	CA004577	1972	1997 N	41	47	41 W	124	9	29	41	KLAMATH
WR	06	2038		C	REGULAR2	SELECTED	CA006498	1972	1997 N	41	47	41 W	124	9	29	41	ORICK PRAIRIE CREEK
WR	06	2040		F	FIRST O.	SELECTED	CA002910	1979	1997 N	40	27	34 W	124	4	36	115	EUREKA WFO WOODLEY I
WR	06	2040		C	ACTIVE	SELECTED	CA008045	1979	1997 N	40	27	34 W	124	4	36	115	SCOTIA
WR	06	2040		C	REGULAR1	SELECTED	CA003647	1979	1997 N	40	27	34 W	124	4	36	115	GRIZZLY CREEK STATE
WR	06	2040		F	REGULAR2	SELECTED	CA008163	1979	1997 N	40	27	34 W	124	4	36	115	SHELTER COVE AV
WR	06	2040		C	REGULAR3	SELECTED	CA007404	1979	1997 N	40	27	34 W	124	4	36	115	RICHARDSON GR ST PK
WR	06	2051		F	FIRST O.	SELECTED	CA002772	1980	1997 N	38	16	5 W	122	17	56	8	SAN FRANCISCO MISSIO
WR	06	2051		C	ACTIVE	SELECTED	CA006074	1980	1997 N	38	16	5 W	122	17	56	8	NAPA STATE HOSPITAL
WR	06	2051		C	REGULAR1	SELECTED	CA008351	1980	1997 N	38	16	5 W	122	17	56	8	SONOMA
WR	06	2051		C	REGULAR2	SELECTED	CA002934	1980	1997 N	38	16	5 W	122	17	56	8	FAIRFIELD
WR	06	2051		C	REGULAR3	SELECTED	CA007643	1980	1997 N	38	16	5 W	122	17</td			

Region	State	SHRP ID	SPS-GPS Link	FC	Weather Station Code	Selection Comment	WS ID	Coverage		Test Section Data						Weather Station Name		
								Period		Latitude			Longitude			Elev (ft)		
								Start	End	Dir	Deg	Min	Sec	Dir	Deg	Min	Sec	
WR	06	3010		F	FIRST O.	SELECTED	CA007740	1978	1997 N	32	54	45	W	117	6	58	527	SAN DIEGO WSO AIRPOR
WR	06	3010		C	ACTIVE	SELECTED	CA002706	1978	1997 N	32	54	45	W	117	6	58	527	EL CAJON
WR	06	3010		C	REGULAR1	SELECTED	CA004735	1978	1997 N	32	54	45	W	117	6	58	527	LA MESA
WR	06	3010		C	REGULAR2	SELECTED	CA007228	1978	1997 N	32	54	45	W	117	6	58	527	RAMONA FIRE DEPT
WR	06	3010		C	REGULAR3	SELECTED	CA007874	1978	1997 N	32	54	45	W	117	6	58	527	SAN PASQUAL ANIMAL P
WR	06	3013		F	FIRST O.	SELECTED	CA000609	1980	1997 N	33	40	11	W	117	18	30	1400	BEAUMONT 1 E
WR	06	3013		C	ACTIVE	SELECTED	CA002805	1980	1997 N	33	40	11	W	117	18	30	1400	EL SINORE
WR	06	3013		C	REGULAR1	SELECTED	CA008655	1980	1997 N	33	40	11	W	117	18	30	1400	SUN CITY
WR	06	3013		C	REGULAR2	SELECTED	CA007470	1980	1997 N	33	40	11	W	117	18	30	1400	RIVERSIDE FIRE STA 3
WR	06	3013		C	REGULAR3	SELECTED	CA007473	1980	1997 N	33	40	11	W	117	18	30	1400	RIVERSIDE CITRUS EXP
WR	06	3017		F	FIRST O.	SELECTED	CA001194	1978	1997 N	34	11	13	W	118	13	2	1261	BURBANK VALLEY PUMP
WR	06	3017		C	ACTIVE	SELECTED	CA006719	1978	1997 N	34	11	13	W	118	13	2	1261	PASADENA
WR	06	3017		C	REGULAR1	SELECTED	CA007785	1978	1997 N	34	11	13	W	118	13	2	1261	SAN GABRIEL FIRE DEP
WR	06	3017		F	REGULAR3	SELECTED	CA005115	1978	1997 N	34	11	13	W	118	13	2	1261	LOS ANGELES CIVIC CE
WR	06	3019		F	FIRST O.	SELECTED	CA000609	1979	1997 N	33	35	19	W	117	14	13	1310	BEAUMONT 1 E
WR	06	3019		C	ACTIVE	SELECTED	CA002805	1979	1997 N	33	35	19	W	117	14	13	1310	ELSINORE
WR	06	3019		C	REGULAR1	SELECTED	CA008655	1979	1997 N	33	35	19	W	117	14	13	1310	SUN CITY
WR	06	3019		C	REGULAR2	SELECTED	CA007813	1979	1997 N	33	35	19	W	117	14	13	1310	SAN JACINTO R S
WR	06	3019		C	REGULAR3	SELECTED	CA009378	1979	1997 N	33	35	19	W	117	14	13	1310	VISTA 2 NNE
WR	06	3021	A400	F	FIRST O.	SELECTED	CA008892	1974	1997 N	32	43	5	W	116	27	35	3260	THERMAL FAA AIRPORT
WR	06	3021	A400	C	ACTIVE	SELECTED	CA001424	1974	1997 N	32	43	5	W	116	27	35	3260	CAMPO
WR	06	3021	A400	C	REGULAR2	SELECTED	CA002239	1974	1997 N	32	43	5	W	116	27	35	3260	CUYAMACA
WR	06	3024		F	FIRST O.	SELECTED	CA000609	1980	1997 N	33	41	54	W	117	20	45	1250	BEAUMONT 1 E
WR	06	3024		C	ACTIVE	SELECTED	CA002805	1980	1997 N	33	41	54	W	117	20	45	1250	ELSINORE
WR	06	3024		C	REGULAR1	SELECTED	CA008655	1980	1997 N	33	41	54	W	117	20	45	1250	SUN CITY
WR	06	3024		C	REGULAR2	SELECTED	CA002031	1980	1997 N	33	41	54	W	117	20	45	1250	CORONA
WR	06	3024		C	REGULAR3	SELECTED	CA007470	1980	1997 N	33	41	54	W	117	20	45	1250	RIVERSIDE FIRE STA 3
WR	06	3030		F	FIRST O.	SELECTED	CA005983	1972	1997 N	40	10	4	W	122	13	22	1217	MOUNT SHASTA
WR	06	3030		C	ACTIVE	SELECTED	CA006506	1972	1997 N	40	10	4	W	122	13	22	1217	ORLAND
WR	06	3030		F	REGULAR1	SELECTED	CA007292	1972	1997 N	40	10	4	W	122	13	22	1217	RED BLUFF AP
WR	06	3030		C	REGULAR2	SELECTED	CA009621	1972	1997 N	40	10	4	W	122	13	22	1217	WHISKEYTOWN RESERVOI
WR	06	3042		F	FIRST O.	SELECTED	CA007630	1979	1997 N	38	14	20	W	121	26	55	11	SACRAMENTO FAA APRT
WR	06	3042		C	ACTIVE	SELECTED	CA005032	1979	1997 N	38	14	20	W	121	26	55	11	LODI
WR	06	3042		C	REGULAR1	SELECTED	CA008560	1979	1997 N	38	14	20	W	121	26	55	11	STOCKTON FIRE STN #
WR	06	3042		C	REGULAR2	SELECTED	CA000232	1979	1997 N	38	14	20	W	121	26	55	11	ANTIOCH PUMP PLANT #
WR	06	3042		F	REGULAR3	SELECTED	CA007633	1979	1997 N	38	14	20	W	121	26	55	11	SACRAMENTO DOWNTOWN
WR	06	6044		F	FIRST O.	SELECTED	CA007633	1947	1997 N	39	10	43	W	121	3	11	2433	GRASS VALLEY NO 2
WR	06	6044		C	REGULAR1	SELECTED	CA006136	1947	1997 N	39	10	43	W	121	3	11	2433	NEVADA CITY
WR	06	6044		C	REGULAR2	SELECTED	CA001912	1947	1997 N	39	10	43	W	121	3	11	2433	COLFAX
WR	06	7452		F	FIRST O.	SELECTED	CA007772	1972	1997 N	39	4	36	W	122	55	50	1330	SAN FRANCISCO MISSIO
WR	06	7452		C	ACTIVE	SELECTED	CA004701	1972	1997 N	39	4	36	W	122	55	50	1330	LAKEPORT
WR	06	7452		C	REGULAR1	SELECTED	CA009122	1972	1997 N	39	4	36	W	122	55	50	1330	UKIAH
WR	06	7452		C	REGULAR2	SELECTED	CA001838	1972	1997 N	39	4	36	W	122	55	50	1330	CLOVERDALE
WR	06	7452		C	REGULAR3	SELECTED	CA001806	1972	1997 N	39	4	36	W	122	55	50	1330	CLEARLAKE 4 SE
WR	06	7454		F	FIRST O.	SELECTED	CA008558	1972	1997 N	37	56	23	W	120	43	54	846	STOCKTON AP
WR	06	7454		C	ACTIVE	SELECTED	CA008353	1972	1997 N	37	56	23	W	120	43	54	846	SONORA RS
WR	06	7454		C	REGULAR1	SELECTED	CA006172	1972	1997 N	37	56	23	W	120	43	54	846	NEW MELONES DAM
WR	06	7454		C	REGULAR2	SELECTED	CA001428	1972	1997 N	37	56	23	W	120	43	54	846	CAMP PARDEE
WR	06	7454		C	REGULAR3	SELECTED	CA005738	1972	1997 N	37	56	23	W	120	43	54	846	MODESTO
WR	06	7455	B400	F	FIRST O.	SELECTED	CA008558	1971	1997 N	37	52	38	W	121	16	40	52	STOCKTON AP
WR	06	7455	B400	C	ACTIVE	SELECTED	CA008560	1971	1997 N	37	52	38	W	121	16	40	52	STOCKTON FIRE STN #
WR	06	7455	B400	C	REGULAR1	SELECTED	CA008999	1971	1997 N	37	52	38	W	121	16	40	52	TRACY CARBONA
WR	06	7455	B400	C	REGULAR2	SELECTED	CA005032	1971	1997 N	37	52	38	W	121	16	40	52	LODI
WR	06	7455	B400	C	REGULAR3	SELECTED	CA009001	1971	1997 N	37	52	38	W	121	16	40	52	TRACY PUMPING PLANT
WR	06	7456		F	FIRST O.	SELECTED	CA008558	1971	1997 N	37	43	41	W	121	20	36	45	STOCKTON AP
WR	06	7456		C	ACTIVE	SELECTED	CA008999	1971	1997 N	37	43	41	W	121	20	36	45	TRACY CARBONA
WR	06	7456		C	REGULAR1	SELECTED	CA009001	1971	1997 N	37	43	41	W	121	20	36	45	TRACY PUMPING PLANT
WR	06	7456		C	REGULAR2	SELECTED	CA008560	1971	1997 N	37	43	41	W	121	20	36	45	STOCKTON FIRE STN #
WR	06	7456		C	REGULAR3	SELECTED	CA005738	1971	1997 N	37	43	41	W	121	20	36	45	MODESTO
WR	06	7491		F	FIRST O.	SELECTED	CA006118	1967	1997 N	34	46	19	W	114	34	50	950	NEEDLES FCWOS
WR	06	7491		C	ACTIVE	SELECTED	AZ009645	1967	1997 N	34	46	19	W	114	34	50	950	YUCCA 1 NNE
WR	06	7491		C	REGULAR1	SELECTED	AZ001050	1967	1997 N	34	46	19	W	114	34	50	950	BULLHEAD CITY
WR	06	7491		C	REGULAR2	SELECTED	CA006699	1967	1997 N	34	46	19	W	114	34	50	950	PARKER RESERVOIR
WR	06	7493		F	FIRST O.	SELECTED	CA006009	1979	1997 N	33	22	50	W	117	10	22	725	BEAUMONT 1 E
WR	06	7493		C	ACTIVE	SELECTED	CA009378	1979	1997 N	33	22	50	W	117	10	22	725	VISTA 2 NNE
WR	06	7493		C	REGULAR1	SELECTED	CA006377	1979	1997 N	33	22	50	W	117	10	22	725	OCEANSIDE MARINA
WR	06	7493		C	REGULAR3	SELECTED	CA002863	1979	1997 N	33	22	50	W	117	10	22	725	ESCONDIDO NO 2
WR	06	8149		F	FIRST O.	SELECTED	CA006118	1971	1997 N	34	51	21	W	114	53	45	2100	NEEDLES FCWOS
WR	06	8149		C	ACTIVE	SELECTED	AZ001050	1971	1997 N	34	51	21	W	114	53	45	2100	BULLHEAD CITY
WR	06	8149		F	REGULAR2	SELECTED	AZ004759	1971	1997 N	34	51	21	W	114	53	45	2100	LAKE HAVASU
WR	06	8149		C	REG													

Region	State	SHRP ID	SPS-GPS Link	FC	Weather Station Code	Selection Comment	WS ID	Coverage		Test Section Data						Weather Station Name	
								Period		Latitude			Longitude			Elev (ft)	
								Start	End	Dir	Deg	Min	Sec	Dir	Deg	Min	
WR	06	8201		C	REGULAR1	SELECTED	CA009452	1971	1997 N	35	23	50 W	118	53	56	724	WASCO
WR	06	8202		F	FIRST O.	SELECTED	CA001864	1970	1997 N	36	14	54 W	119	48	51	208	COALINGA
WR	06	8202		C	ACTIVE	SELECTED	CA003747	1970	1997 N	36	14	54 W	119	48	51	208	HANFORD 1 S
WR	06	8202		C	REGULAR1	SELECTED	CA002012	1970	1997 N	36	14	54 W	119	48	51	208	CORCORAN IRRIG DIST
WR	06	8202		C	REGULAR2	SELECTED	CA003083	1970	1997 N	36	14	54 W	119	48	51	208	FIVE POINTS 5 SSW
WR	06	8202		C	REGULAR3	SELECTED	CA009367	1970	1997 N	36	14	54 W	119	48	51	208	VISALIA
WR	06	8534		F	FIRST O.	SELECTED	CA008892	1969	1997 N	32	46	22 W	115	45	59	-36	THERMAL FAA AIRPORT
WR	06	8534		C	ACTIVE	SELECTED	CA002713	1969	1997 N	32	46	22 W	115	45	59	-36	EL CENTRO 2 SSW
WR	06	8534		C	REGULAR1	SELECTED	CA004223	1969	1997 N	32	46	22 W	115	45	59	-36	IMPERIAL
WR	06	8534		C	REGULAR2	SELECTED	CA001048	1969	1997 N	32	46	22 W	115	45	59	-36	BRAWLEY 2 SW
WR	06	8534		C	REGULAR3	SELECTED	CA003489	1969	1997 N	32	46	22 W	115	45	59	-36	GOLD ROCK RANCH
WR	06	8535		F	FIRST O.	SELECTED	CA008892	1967	1997 N	32	46	26 W	115	31	8	-36	THERMAL FAA AIRPORT
WR	06	8535		C	ACTIVE	SELECTED	CA002713	1967	1997 N	32	46	26 W	115	31	8	-36	EL CENTRO 2 SSW
WR	06	8535		C	REGULAR1	SELECTED	CA004223	1967	1997 N	32	46	26 W	115	31	8	-36	IMPERIAL
WR	06	8535		C	REGULAR2	SELECTED	CA001048	1967	1997 N	32	46	26 W	115	31	8	-36	BRAWLEY 2 SW
WR	06	8535		C	REGULAR3	SELECTED	CA003489	1967	1997 N	32	46	26 W	115	31	8	-36	GOLD ROCK RANCH
WR	06	9048		F	FIRST O.	SELECTED	CA007740	1951	1997 N	32	50	18 W	116	41	47	2510	SAN DIEGO WSO AIRPOR
WR	06	9048		C	ACTIVE	SELECTED	CA000136	1951	1997 N	32	50	18 W	116	41	47	2510	ALPINE
WR	06	9048		C	REGULAR1	SELECTED	CA002709	1951	1997 N	32	50	18 W	116	41	47	2510	EL CAPITAN DAM
WR	06	9048		C	REGULAR2	SELECTED	CA000514	1951	1997 N	32	50	18 W	116	41	47	2510	BARRETT DAM
WR	06	9049		F	FIRST O.	SELECTED	CA007633	1954	1997 N	38	34	36 W	121	33	47	13	SACRAMENTO DOWNTOWN
WR	06	9049		F	ACTIVE	SELECTED	CA007630	1954	1997 N	38	34	36 W	121	33	47	13	SACRAMENTO FAA ARPT
WR	06	9049		C	REGULAR1	SELECTED	CA002294	1954	1997 N	38	34	36 W	121	33	47	13	DAVIS 2 WSW EXP FARM
WR	06	9049		C	REGULAR2	SELECTED	CA009781	1954	1997 N	38	34	36 W	121	33	47	13	WOODLAND 1 WNW
WR	06	9049		C	REGULAR3	SELECTED	CA009742	1954	1997 N	38	34	36 W	121	33	47	13	WINTERS
WR	06	9107		F	FIRST O.	SELECTED	NV006779	1964	1997 N	39	18	46 W	120	32	55	5641	RENO AIRPORT
WR	06	9107		C	ACTIVE	SELECTED	CA004713	1964	1997 N	39	18	46 W	120	32	55	5641	LAKE SPAULDING
WR	06	9107		F	REGULAR1	SELECTED	CA000897	1964	1997 N	39	18	46 W	120	32	55	5641	BLUE CANYON
WR	06	9107		C	REGULAR2	SELECTED	CA001018	1964	1997 N	39	18	46 W	120	32	55	5641	BOWMAN DAM
WR	08	0200		F	FIRST O.	SELECTED	CO002220	1980	1997 N	39	58	18 W	104	47	19	5077	DENVER WSFO AP
WR	08	0200		C	ACTIVE	SELECTED	CO000950	1980	1997 N	39	58	18 W	104	47	19	5077	BRIGHTON 1 NE
WR	08	0200		C	REGULAR1	SELECTED	CO005984	1980	1997 N	39	58	18 W	104	47	19	5077	NORTHGLENN
WR	08	0200		C	REGULAR2	SELECTED	CO005116	1980	1997 N	39	58	18 W	104	47	19	5077	LONGMONT 2 ESE
WR	08	0200		C	REGULAR3	SELECTED	CO008995	1980	1997 N	39	58	18 W	104	47	19	5077	WHEAT RIDGE 2
WR	08	0500		F	FIRST O.	SELECTED	CO000114	1974	1997 N	39	17	6 W	103	12	30	5128	AKRON 1 N
WR	08	0500		C	ACTIVE	SELECTED	CO002932	1974	1997 N	39	17	6 W	103	12	30	5128	FLAGLER 2 NW
WR	08	0500		C	REGULAR1	SELECTED	CO007557	1974	1997 N	39	17	6 W	103	12	30	5128	SHAW 2 E
WR	08	0500		F	REGULAR2	SELECTED	CO005018	1974	1997 N	39	17	6 W	103	12	30	5128	LIMON WSMO
WR	08	0500		C	REGULAR3	SELECTED	CO008008	1974	1997 N	39	17	6 W	103	12	30	5128	STRATTON
WR	08	0800		F	FIRST O.	SELECTED	CO002220	1980	1997 N	39	56	37 W	104	46	57	5095	DENVER WSFO AP
WR	08	0800		C	ACTIVE	SELECTED	CO000950	1980	1997 N	39	56	37 W	104	46	57	5095	BRIGHTON 1 NE
WR	08	0800		C	REGULAR1	SELECTED	CO005984	1980	1997 N	39	56	37 W	104	46	57	5095	NORTHGLENN
WR	08	0800		C	REGULAR2	SELECTED	CO001547	1980	1997 N	39	56	37 W	104	46	57	5095	CHERRY CREEK DAM
WR	08	0800		C	REGULAR3	SELECTED	CO008995	1980	1997 N	39	56	37 W	104	46	57	5095	WHEAT RIDGE 2
WR	08	1029		F	FIRST O.	SELECTED	CO007031	1972	1997 N	40	31	32 W	107	55	8	5920	RIFLE
WR	08	1029		C	ACTIVE	SELECTED	CO005446	1972	1997 N	40	31	32 W	107	55	8	5920	MAYBELL
WR	08	1029		C	REGULAR1	SELECTED	CO001932	1972	1997 N	40	31	32 W	107	55	8	5920	CRAIG 4 SW
WR	08	1029		C	REGULAR2	SELECTED	CO005487	1972	1997 N	40	31	32 W	107	55	8	5920	MEEKER NO 2
WR	08	1029		C	REGULAR3	SELECTED	CO003867	1972	1997 N	40	31	32 W	107	55	8	5920	HAYDEN
WR	08	1047		F	FIRST O.	SELECTED	UT009111	1980	1997 N	40	5	55 W	108	49	55	5260	VERNAL AIRPORT
WR	08	1047		C	ACTIVE	SELECTED	CO006832	1980	1997 N	40	5	55 W	108	49	55	5260	RANGELY 1 E
WR	08	1047		C	REGULAR1	SELECTED	CO002286	1980	1997 N	40	5	55 W	108	49	55	5260	DINOSAUR NATL MONUMN
WR	08	1047		C	REGULAR2	SELECTED	CO005422	1980	1997 N	40	5	55 W	108	49	55	5260	MASSADONA 3 E
WR	08	1047		C	REGULAR3	SELECTED	UT000802	1980	1997 N	40	5	55 W	108	49	55	5260	BONANZA
WR	08	1053	A300	F	FIRST O.	SELECTED	CO003488	1980	1997 N	38	41	52 W	108	1	35	5140	GRAND JUNCTION WSO A
WR	08	1053	A300	C	ACTIVE	SELECTED	CO002192	1980	1997 N	38	41	52 W	108	1	35	5140	DELTA
WR	08	1053	A300	C	REGULAR2	SELECTED	CO005722	1980	1997 N	38	41	52 W	108	1	35	5140	MONROSE NO 2
WR	08	1053	A300	C	REGULAR3	SELECTED	CO006306	1980	1997 N	38	41	52 W	108	1	35	5140	PAONIA 1 SW
WR	08	1057		F	FIRST O.	SELECTED	CO003488	1980	1997 N	39	3	59 W	108	27	36	4586	GRAND JUNCTION WSO A
WR	08	1057		C	ACTIVE	SELECTED	CO003489	1980	1997 N	39	3	59 W	108	27	36	4586	GRAND JUNCTION 6 ESE
WR	08	1057		C	REGULAR1	SELECTED	CO006266	1980	1997 N	39	3	59 W	108	27	36	4586	PALISADE
WR	08	1057		C	REGULAR3	SELECTED	CO003146	1980	1997 N	39	3	59 W	108	27	36	4586	FRUITA 1 W
WR	08	2008	B300	F	FIRST O.	SELECTED	CO004720	1972	1995 N	38	5	20 W	103	11	15	3894	LA JUNTA 4 NNE
WR	08	2008	B300	C	ACTIVE	SELECTED	CO004834	1972	1995 N	38	5	20 W	103	11	15	3894	LAS ANIMAS
WR	08	2008	B300	C	REGULAR1	SELECTED	CO004388	1972	1995 N	38	5	20 W	103	11	15	3894	JOHN MARTIN DAM
WR	08	2008	B300	C	REGULAR2	SELECTED	CO007167	1972	1995 N	38	5	20 W	103	11	15	3894	ROCKY FORD 2 SE
WR	08	2008	B300	C	REGULAR3	SELECTED	CO006131	1972	1995 N	38	5	20 W	103	11	15	3894	ORDWAY 2 ENE
WR	08	3032		F	FIRST O.	SELECTED	CO007031	1975	1997 N	39	32	3 W	107	41	0	5345	RIFLE
WR	08	3032		F	ACTIVE	SELECTED	CO003359	1975	1997 N	39	32	3 W	107	41	0	5345	GLENWOOD SPGS #2
WR	08	3032		C	REGULAR1	SELECTED	CO001741	1975	1997 N	39	32	3 W	107	41	0	5345	COLLBRAH
WR	08	6002		F	FIRST O.	SELECTED	CO006740	1964	1997 N	38	22	42 W	104	37	9	4904	PUEBLO WSO AP
WR	08	6002		C	ACTIVE	SELECTED	CO006765	1964	1997 N	38	22	42 W	104	37	9	4904	PUEBLO RESERVOIR
WR	08	6002		C	REGULAR1	SELECTED	CO008157	1964	1997 N	38	22						

Region	State	SHRP ID	SPS-GPS Link	FC	Weather Station Code	Selection Comment	WS ID	Coverage		Test Section Data						Weather Station Name	
								Period		Latitude			Longitude			Elev (ft)	
								Start	End	Dir	Deg	Min	Sec	Dir	Deg	Min	Sec
WR	08	7776		C	REGULAR3	SELECTED	CO005056	1980	1997 N	39	44	22 W	104	42	14	5280	LITTLETON
WR	08	7780		F	FIRST O.	SELECTED	CO001778	1972	1997 N	38	55	24 W	104	59	38	7400	COLORADO SPRINGS WSO
WR	08	7780		C	ACTIVE	SELECTED	CO007309	1972	1997 N	38	55	24 W	104	59	38	7400	RUXTON PARK
WR	08	7780		F	REGULAR1	SELECTED	CO003002	1972	1997 N	38	55	24 W	104	59	38	7400	FORT CARSON
WR	08	7780		C	REGULAR2	SELECTED	CO001528	1972	1997 N	38	55	24 W	104	59	38	7400	CHEESMAN
WR	08	7780		C	REGULAR3	SELECTED	CO004742	1972	1997 N	38	55	24 W	104	59	38	7400	LAKE GEORGE 8 SW
WR	08	7781		F	FIRST O.	SELECTED	CO004720	1972	1997 N	38	5	13 W	103	11	3	3894	LA JUNTA 4 NNE
WR	08	7781		C	ACTIVE	SELECTED	CO004834	1972	1997 N	38	5	13 W	103	11	3	3894	LAS ANIMAS
WR	08	7781		C	REGULAR1	SELECTED	CO004388	1972	1997 N	38	5	13 W	103	11	3	3894	JOHN MARTIN DAM
WR	08	7781		C	REGULAR2	SELECTED	CO007167	1972	1997 N	38	5	13 W	103	11	3	3894	ROCKY FORD 2 SE
WR	08	7781		C	REGULAR3	SELECTED	CO004770	1972	1997 N	38	5	13 W	103	11	3	3894	LAMAR
WR	08	7783		F	FIRST O.	SELECTED	CO007031	1980	1997 N	39	22	17 W	108	9	57	5000	RIFLE
WR	08	7783		C	ACTIVE	SELECTED	CO001741	1980	1997 N	39	22	17 W	108	9	57	5000	COLLBRAN
WR	08	7783		C	REGULAR1	SELECTED	CO000214	1980	1997 N	39	22	17 W	108	9	57	5000	ALTENBERN
WR	08	7783		C	REGULAR2	SELECTED	CO006266	1980	1997 N	39	22	17 W	108	9	57	5000	PALISADE
WR	08	7783		F	REGULAR3	SELECTED	CO003488	1980	1997 N	39	22	17 W	108	9	57	5000	GRAND JUNCTION WSO A
WR	08	9019		F	FIRST O.	SELECTED	CO003005	1961	1997 N	40	13	6 W	104	58	49	4970	FORT COLLINS
WR	08	9019		C	ACTIVE	SELECTED	CO005116	1961	1997 N	40	13	6 W	104	58	49	4970	LONGMONT 2 ESE
WR	08	9019		C	REGULAR1	SELECTED	CO008839	1961	1997 N	40	13	6 W	104	58	49	4970	WATERDALE
WR	08	9019		C	REGULAR2	SELECTED	CO003553	1961	1997 N	40	13	6 W	104	58	49	4970	GREELEY UNC
WR	08	9019		C	REGULAR3	SELECTED	CO000950	1961	1997 N	40	13	6 W	104	58	49	4970	BRIGHTON 1 NE
WR	08	9020		F	FIRST O.	SELECTED	CO003005	1964	1997 N	40	23	34 W	104	59	35	4550	FORT COLLINS
WR	08	9020		C	ACTIVE	SELECTED	CO008839	1964	1997 N	40	23	34 W	104	59	35	4550	WATERDALE
WR	08	9020		C	REGULAR1	SELECTED	CO003553	1964	1997 N	40	23	34 W	104	59	35	4550	GREELEY UNC
WR	08	9020		C	REGULAR2	SELECTED	CO005116	1964	1997 N	40	23	34 W	104	59	35	4550	LONGMONT 2 ESE
WR	08	9020		C	REGULAR3	SELECTED	CO006023	1964	1997 N	40	23	34 W	104	59	35	4550	NUNN
WR	15	1003		F	FIRST O.	SELECTED	HI002572	1980	1997 N	20	59	20 W	156	40	10	145	KAHULUI WSO AP 398
WR	15	1003		C	ACTIVE	SELECTED	HI003317	1980	1997 N	20	59	20 W	156	40	10	145	KAPALUA-WEST MAUI AI
WR	15	1003		C	REGULAR1	SELECTED	HI008407	1980	1997 N	20	59	20 W	156	40	10	145	PUUKOLII 457.1
WR	15	1003		C	REGULAR2	SELECTED	HI005177	1980	1997 N	20	59	20 W	156	40	10	145	LAHAINA 361
WR	15	1006		F	FIRST O.	SELECTED	HI002572	1980	1997 N	20	59	2 W	156	40	10	70	KAHULUI WSO AP 398
WR	15	1006		C	ACTIVE	SELECTED	HI003317	1980	1997 N	20	59	2 W	156	40	10	70	KAPALUA-WEST MAUI AI
WR	15	1006		C	REGULAR3	SELECTED	HI008407	1980	1997 N	20	59	2 W	156	40	10	70	PUUKOLII 457.1
WR	15	1008		C	ACTIVE	SELECTED	HI002751	1980	1997 N	19	38	9 W	155	58	44	330	KAINALIU 73.2
WR	15	1008		C	REGULAR1	SELECTED	HI003911	1980	1997 N	19	38	9 W	155	58	44	330	KE-AHOLE POINT 68.13
WR	15	1008		C	REGULAR2	SELECTED	HI008422	1980	1997 N	19	38	9 W	155	58	44	330	PUUKOHOLA HEIAU 98.1
WR	15	7080		C	ACTIVE	SELECTED	HI003911	1975	1997 N	19	49	41 W	155	57	11	290	KE-AHOLE POINT 68.13
WR	15	7080		C	REGULAR1	SELECTED	HI008422	1975	1997 N	19	49	41 W	155	57	11	290	PUUKOHOLA HEIAU 98.1
WR	15	7080		C	REGULAR2	SELECTED	HI002751	1975	1997 N	19	49	41 W	155	57	11	290	KAINALIU 73.2
WR	16	1001		F	FIRST O.	SELECTED	ID004831	1973	1997 N	47	46	27 W	116	47	23	2150	KELLOGG
WR	16	1001		C	ACTIVE	SELECTED	ID001956	1973	1997 N	47	46	27 W	116	47	23	2150	COEUR D'ALENE
WR	16	1001		C	REGULAR1	SELECTED	ID000667	1973	1997 N	47	46	27 W	116	47	23	2150	BAYVIEW MODEL BASIN
WR	16	1001		C	REGULAR2	SELECTED	WA005844	1973	1997 N	47	46	27 W	116	47	23	2150	NEWPORT
WR	16	1001		C	REGULAR3	SELECTED	ID008062	1973	1997 N	47	46	27 W	116	47	23	2150	SAINT MARIES 1 W
WR	16	1005		F	FIRST O.	SELECTED	OR006294	1975	1997 N	44	37	52 W	116	26	36	3232	ONTARIO KSRV
WR	16	1005		C	ACTIVE	SELECTED	ID002187	1975	1997 N	44	37	52 W	116	26	36	3232	COUNCIL
WR	16	1005		C	REGULAR1	SELECTED	ID001408	1975	1997 N	44	37	52 W	116	26	36	3232	CAMBRIDGE
WR	16	1007		F	FIRST O.	SELECTED	ID001303	1972	1997 N	42	35	30 W	114	41	46	3771	BURLEY MUNICIPAL AP
WR	16	1007		C	ACTIVE	SELECTED	ID001220	1972	1997 N	42	35	30 W	114	41	46	3771	BUHL NO 2
WR	16	1007		C	REGULAR1	SELECTED	ID001551	1972	1997 N	42	35	30 W	114	41	46	3771	CASTLEFORD 2 N
WR	16	1007		C	REGULAR2	SELECTED	ID009293	1972	1997 N	42	35	30 W	114	41	46	3771	TWIN FALLS KMVT
WR	16	1007		C	REGULAR3	SELECTED	ID004670	1972	1997 N	42	35	30 W	114	41	46	3771	JEROME
WR	16	1009		F	FIRST O.	SELECTED	ID001303	1974	1997 N	42	28	18 W	113	22	50	3025	BURLEY MUNICIPAL AP
WR	16	1009		C	ACTIVE	SELECTED	ID005563	1974	1997 N	42	28	18 W	113	22	50	3025	MALTA 4 ESE
WR	16	1009		C	REGULAR1	SELECTED	ID005980	1974	1997 N	42	28	18 W	113	22	50	3025	MINIDOKA DAM
WR	16	1009		C	REGULAR2	SELECTED	ID007968	1974	1997 N	42	28	18 W	113	22	50	3025	RUPERT 3 WSW
WR	16	1009		C	REGULAR3	SELECTED	ID006877	1974	1997 N	42	28	18 W	113	22	50	3025	PAUL 1 ENE
WR	16	1010	C300	F	FIRST O.	SELECTED	ID004460	1969	1997 N	43	40	55 W	112	7	4	4775	IDAHO FALLS 46 W
WR	16	1010	C300	C	ACTIVE	SELECTED	ID004455	1969	1997 N	43	40	55 W	112	7	4	4775	IDAHO FALLS 2 ESE
WR	16	1010	C300	F	REGULAR1	SELECTED	ID004457	1969	1997 N	43	40	55 W	112	7	4	4775	IDAHO FALLS FAA ARPT
WR	16	1010	C300	C	REGULAR2	SELECTED	ID008380	1980	1997 N	42	44	19 W	114	26	18	4097	SHOSHONE 1 WNW
WR	16	1020	A300	C	REGULAR3	SELECTED	ID009303	1980	1997 N	42	44	19 W	114	26	18	4097	TWIN FALLS WSO
WR	16	1021	B300	F	FIRST O.	SELECTED	ID004460	1980	1997 N	43	38	50 W	111	55	41	4849	IDAHO FALLS 46 W
WR	16	1021	B300	C	ACTIVE	SELECTED	ID004455	1980	1997 N	43	38	50 W	111	55	41	4849	IDAHO FALLS 2 ESE
WR	16	1021	B300	F	REGULAR1	SELECTED	ID004457	1980	1997 N	43	38	50 W	111	55	41	4849	IDAHO FALLS FAA ARPT
WR	16	1021	B300	C	REGULAR2	SELECTED	ID007644	1980	1997 N	43	38	50 W	111	55	41	4849	REXBURG RICKS COLLEG
WR	16	3017		F	FIRST O.	SELECTED	ID005567	1980	1997 N	42	38	23 W	113	2	43	4254	MALTA AVIATION
WR	16	3017		C	ACTIVE	SELECTED	ID005678	1980	1997 N	42	38	23 W	113	2	43	4254	MASSACRE ROCKS ST PA
WR	16	3017		C	REGULAR1	SELECTED	ID002277	1980	1997 N	42	38	23 W	113	2	43	4254	AMERICAN FALLS 1 SW
WR	16	3017		C	REGULAR2	SELECTED	ID005980	1980	1997 N	42	38	23 W	113	2	43	4254	MINIDOKA DAM
WR	16	3017		C	REGULAR3	SELECTED	ID000010	1980	1997 N	42	38	23 W	113	2	43	4254	ABERDEEN EXPERIMENT S
WR	16	3023		F	FIRST O.	SELECTED	OR006294	1980	1997 N	43	50	18 W	116	45	46	2503	ONTARIO KSRV
WR	16	3023															

Region	State	SHRP ID	SPS-GPS Link	FC	Weather Station Code	Selection Comment	WS ID	Coverage		Test Section Data						Weather Station Name	
								Period		Latitude			Longitude			Elev (ft)	
								Start	End	Dir	Deg	Min	Sec	Dir	Deg	Min	
WR	16	9032		C	ACTIVE	SELECTED	ID007188	1980	1997 N	47	38	9 W	116	52	2	2602	PLUMMER 3 WSW
WR	16	9032		C	REGULAR1	SELECTED	ID008062	1980	1997 N	47	38	9 W	116	52	2	2602	SAINT MARIES 1 W
WR	16	9032		C	REGULAR2	SELECTED	ID000667	1980	1997 N	47	38	9 W	116	52	2	2602	BAYVIEW MODEL BASIN
WR	16	9032		F	REGULAR3	SELECTED	ID004831	1980	1997 N	47	38	9 W	116	52	2	2602	KELLOGG
WR	16	9034		F	FIRST O.	SELECTED	ID001079	1980	1997 N	48	25	16 W	116	30	2	2119	BONNERS FERRY
WR	16	9034		C	ACTIVE	SELECTED	ID008137	1980	1997 N	48	25	16 W	116	30	2	2119	SANDPOINT EXP STATIO
WR	16	9034		C	REGULAR1	SELECTED	ID007386	1980	1997 N	48	25	16 W	116	30	2	2119	PRIEST RIVER EXP STN
WR	16	9034		C	REGULAR2	SELECTED	MT008390	1980	1997 N	48	25	16 W	116	30	2	2119	TROY
WR	16	9034		C	REGULAR3	SELECTED	WA005844	1980	1997 N	48	25	16 W	116	30	2	2119	NEWPORT
WR	30	0800		F	FIRST O.	SELECTED	MT001318	1980	1997 N	46	8	42 W	112	53	26	4200	BUTTE FAA ARPT
WR	30	0800		C	ACTIVE	SELECTED	MT000199	1980	1997 N	46	8	42 W	112	53	26	4200	ANACONDA
WR	30	0800		C	REGULAR1	SELECTED	MT002275	1980	1997 N	46	8	42 W	112	53	26	4200	DEER LODGE 3 W
WR	30	0800		C	REGULAR2	SELECTED	MT006472	1980	1997 N	46	8	42 W	112	53	26	4200	PHILIPSBURG R S
WR	30	0800		C	REGULAR3	SELECTED	MT002421	1980	1997 N	46	8	42 W	112	53	26	4200	DIVIDE
WR	30	1001	A300	F	FIRST O.	SELECTED	MT003751	1980	1997 N	47	14	34 W	110	28	11	4196	GREAT FALLS WSCMO AI
WR	30	1001	A300	C	ACTIVE	SELECTED	MT007864	1980	1997 N	47	14	34 W	110	28	11	4196	STANFORD
WR	30	1001	A300	C	REGULAR1	SELECTED	MT006902	1980	1997 N	47	14	34 W	110	28	11	4196	RAYNESFORD 2 NNW
WR	30	1001	A300	C	REGULAR3	SELECTED	MT007540	1980	1997 N	47	14	34 W	110	28	11	4196	SHONKIN 7 S
WR	30	6004		F	FIRST O.	SELECTED	MT005690	1965	1997 N	46	25	21 W	105	7	58	2766	MILES CITY AP
WR	30	6004		C	ACTIVE	SELECTED	MT005754	1965	1997 N	46	25	21 W	105	7	58	2766	MIZPAH 4 NNW
WR	30	6004		C	REGULAR1	SELECTED	MT005668	1965	1997 N	46	25	21 W	105	7	58	2766	MILDRED 5 N
WR	30	6004		C	REGULAR2	SELECTED	MT008165	1965	1997 N	46	25	21 W	105	7	58	2766	TERRY
WR	30	6004		C	REGULAR3	SELECTED	MT006061	1965	1997 N	46	25	21 W	105	7	58	2766	PLEVNA
WR	30	7066	0500	F	FIRST O.	SELECTED	MT000780	1980	1997 N	45	48	48 W	110	0	9	4072	BIG TIMBER
WR	30	7066	0500	F	REGULAR1	SELECTED	MT005086	1980	1997 N	45	48	48 W	110	0	9	4072	LIVINGSTON AP
WR	30	7066	0500	C	REGULAR2	SELECTED	MT006190	1980	1997 N	45	48	48 W	110	0	9	4072	NYE 2
WR	30	7075		F	FIRST O.	SELECTED	MT000807	1964	1997 N	45	43	52 W	108	36	22	3177	BILLINGS WSO
WR	30	7075		C	ACTIVE	SELECTED	MT000802	1964	1997 N	45	43	52 W	108	36	22	3177	BILLINGS WATER PLANT
WR	30	7075		C	REGULAR1	SELECTED	MT004345	1964	1997 N	45	43	52 W	108	36	22	3177	HUNTLEY EXPERIMENT S
WR	30	7075		C	REGULAR2	SELECTED	MT004509	1964	1997 N	45	43	52 W	108	36	22	3177	JOLIET
WR	30	7075		C	REGULAR3	SELECTED	MT004032	1964	1997 N	45	43	52 W	108	36	22	3177	BALLANTINE
WR	30	7076		F	FIRST O.	SELECTED	WY008155	1980	1997 N	45	7	29 W	107	21	9	3750	SHERIDAN AP
WR	30	7076		C	ACTIVE	SELECTED	MT009175	1980	1997 N	45	7	29 W	107	21	9	3750	WYOLA 1 SW
WR	30	7076		C	REGULAR2	SELECTED	MT009240	1980	1997 N	45	7	29 W	107	21	9	3750	YELLOWTAIL DAM
WR	30	7076		C	REGULAR3	SELECTED	WY008160	1980	1997 N	45	7	29 W	107	21	9	3750	SHERIDAN FIELD STN
WR	30	7088		F	FIRST O.	SELECTED	MT007080	1980	1997 N	45	48	44 W	110	0	13	4072	BIG TIMBER
WR	30	7088		F	REGULAR1	SELECTED	MT005086	1980	1997 N	45	48	44 W	110	0	13	4072	LIVINGSTON AP
WR	30	7088		C	REGULAR2	SELECTED	MT006190	1980	1997 N	45	48	44 W	110	0	13	4072	NYE 2
WR	30	8129		F	FIRST O.	SELECTED	MT003939	1980	1997 N	46	18	51 W	109	8	40	4440	HARLOWTON
WR	30	8129		C	ACTIVE	SELECTED	MT000466	1980	1997 N	46	18	51 W	109	8	40	4440	BARBER
WR	30	8129		C	REGULAR1	SELECTED	MT007263	1980	1997 N	46	18	51 W	109	8	40	4440	RYEGATE 18 NNW
WR	30	8129		C	REGULAR2	SELECTED	MT006862	1980	1997 N	46	18	51 W	109	8	40	4440	RAPELJE 4 S
WR	30	8129		C	REGULAR3	SELECTED	MT004545	1980	1997 N	46	18	51 W	109	8	40	4440	JUDITH GAP 13 E
WR	32	0100		F	FIRST O.	SELECTED	NV006691	1980	1997 N	40	41	33 W	117	0	21	4550	BATTLE MOUNTAIN 4 SE
WR	32	0100		C	ACTIVE	SELECTED	NV000795	1980	1997 N	40	41	33 W	117	0	21	4550	BEOWAWE
WR	32	0100		C	REGULAR1	SELECTED	NV003245	1980	1997 N	40	41	33 W	117	0	21	4550	GOLCONDA
WR	32	0200		F	FIRST O.	SELECTED	NV006691	1980	1997 N	40	43	14 W	117	2	18	4550	BATTLE MOUNTAIN 4 SE
WR	32	0200		C	ACTIVE	SELECTED	NV003245	1980	1997 N	40	43	14 W	117	2	18	4550	GOLCONDA
WR	32	0200		C	REGULAR1	SELECTED	NV000795	1980	1997 N	40	43	14 W	117	2	18	4550	BEOWAWE
WR	32	1020		F	FIRST O.	SELECTED	CA000822	1980	1997 N	38	31	46 W	118	37	6	4272	BISHOP AP
WR	32	1020		C	ACTIVE	SELECTED	NV005168	1980	1997 N	38	31	46 W	118	37	6	4272	MINA
WR	32	1020		C	REGULAR1	SELECTED	NV003515	1980	1997 N	38	31	46 W	118	37	6	4272	HAWTHORNE AIRPORT
WR	32	1021	A300	F	FIRST O.	SELECTED	NV006779	1980	1997 N	39	33	24 W	119	45	22	4458	RENO AIRPORT
WR	32	1021	A300	C	ACTIVE	SELECTED	NV007697	1980	1997 N	39	33	24 W	119	45	22	4458	SPARKS
WR	32	1021	A300	C	REGULAR1	SELECTED	NV007820	1980	1997 N	39	33	24 W	119	45	22	4458	STEAD
WR	32	1030		F	FIRST O.	SELECTED	NV004436	1973	1997 N	36	13	33 W	115	13	12	2233	LAS VEGAS AP
WR	32	1030		C	REGULAR1	SELECTED	NV007925	1973	1997 N	36	13	33 W	115	13	12	2233	SUNRISE MANOR LAS VE
WR	32	1030		C	REGULAR2	SELECTED	NV002243	1973	1997 N	36	13	33 W	115	13	12	2233	DESERT NATL WL RANGE
WR	32	1030		C	REGULAR3	SELECTED	NV001071	1973	1997 N	36	13	33 W	115	13	12	2233	BOULDER CITY
WR	32	2027	C300	F	FIRST O.	SELECTED	UT009382	1974	1997 N	40	59	30 W	114	25	57	5717	WENDOVER AWOS
WR	32	2027	C300	C	ACTIVE	SELECTED	NV005352	1974	1997 N	40	59	30 W	114	25	57	5717	MONTELLO 1 SE
WR	32	2027	C300	C	REGULAR1	SELECTED	NV008988	1974	1997 N	40	59	30 W	114	25	57	5717	WELLS
WR	32	2027	C300	C	REGULAR2	SELECTED	NV001740	1974	1997 N	40	59	30 W	114	25	57	5717	CLOVER VALLEY
WR	32	2027	C300	C	REGULAR3	SELECTED	NV005092	1974	1997 N	40	59	30 W	114	1	17	5813	METROPOLIS
WR	32	3010	A400	F	FIRST O.	SELECTED	NV002573	1980	1997 N	41	6	30 W	115	1	17	5813	ELKO FCWOS
WR	32	3010	A400	C	ACTIVE	SELECTED	NV008988	1980	1997 N	41	6	30 W	115	1	17	5813	WELLS
WR	32	3010	A400	C	REGULAR1	SELECTED	NV002189	1980	1997 N	41	6	30 W	115	1	17	5813	DEETH
WR	32	3010	A400	C	REGULAR2	SELECTED	NV001740	1980	1997 N	41	6	30 W	115	1	17	5813	CLOVER VALLEY
WR	32	3013		F	FIRST O.	SELECTED	UT009382	1979	1997 N	40	49	0 W	114	10	55	4692	WENDOVER AWOS
WR	32	3013		C	ACTIVE	SELECTED	NV005352	1979	1997 N	40	49	0 W	114	10	55	4692	MONTELLO 1 SE
WR	32	3013		C	REGULAR3	SELECTED	UT003260	1979	1997 N	40	49	0 W	114	10	55	4692	GOLD HILL
WR	32	7000	B300	F	FIRST O.	SELECTED	UT009382	1978	1997 N	40	52	56 W	114	14	59	5000	WENDOVER AWOS
WR	32	7000	B300	C	ACTIVE	SELECTED	NV005352	1978	1997 N	40							

Region	State	SHRP ID	SPS-GPS Link	FC	Weather Station Code	Selection Comment	WS ID	Coverage		Test Section Data								Weather Station Name	
								Period		Latitude			Longitude			Elev (ft)			
								Start	End	Dir	Deg	Min	Sec	Dir	Deg	Min	Sec		
WR	41	5005		C	ACTIVE	SELECTED	OR001862	1980	1997 N	44	37	2 W	123	3	44	240	CORVALLIS STATE UNIV		
WR	41	5005		C	REGULAR1	SELECTED	OR008095	1980	1997 N	44	37	2 W	123	3	44	240	STAYTON		
WR	41	5005		C	REGULAR2	SELECTED	OR004606	1980	1997 N	44	37	2 W	123	3	44	240	LACOMB 3 NNE		
WR	41	5005		C	REGULAR3	SELECTED	OR001877	1980	1997 N	44	37	2 W	123	3	44	240	CORVALLIS WATER BURE		
WR	41	5006		F	FIRST O.	SELECTED	OR000412	1973	1997 N	45	16	55 W	118	1	57	2713	BAKER FCWOS		
WR	41	5006		C	ACTIVE	SELECTED	OR004622	1973	1997 N	45	16	55 W	118	1	57	2713	LA GRANDE		
WR	41	5006		C	REGULAR1	SELECTED	OR008746	1973	1997 N	45	16	55 W	118	1	57	2713	UNION EXPERIMENT STN		
WR	41	5006		C	REGULAR2	SELECTED	OR001924	1973	1997 N	45	16	55 W	118	1	57	2713	COVE		
WR	41	5006		C	REGULAR3	SELECTED	OR002597	1973	1997 N	45	16	55 W	118	1	57	2713	ELGIN		
WR	41	5008		F	FIRST O.	SELECTED	OR000412	1972	1997 N	45	18	23 W	118	2	47	2729	BAKER FCWOS		
WR	41	5008		C	ACTIVE	SELECTED	OR004622	1972	1997 N	45	18	23 W	118	2	47	2729	LA GRANDE		
WR	41	5008		C	REGULAR1	SELECTED	OR008746	1972	1997 N	45	18	23 W	118	2	47	2729	UNION EXPERIMENT STN		
WR	41	5008		C	REGULAR2	SELECTED	OR001924	1972	1997 N	45	18	23 W	118	2	47	2729	COVE		
WR	41	5008		C	REGULAR3	SELECTED	OR002597	1972	1997 N	45	18	23 W	118	2	47	2729	ELGIN		
WR	41	5021		F	FIRST O.	SELECTED	OR002709	1980	1997 N	43	54	14 W	123	0	50	559	EUGENE WSO AIRPORT		
WR	41	5021		C	ACTIVE	SELECTED	OR001897	1980	1997 N	43	54	14 W	123	0	50	559	COTTAGE GROVE 1 S		
WR	41	5021		C	REGULAR1	SELECTED	OR002374	1980	1997 N	43	54	14 W	123	0	50	559	DORENA DAM		
WR	41	5021		C	REGULAR2	SELECTED	OR005050	1980	1997 N	43	54	14 W	123	0	50	559	LOOKOUT POINT DAM		
WR	41	5021		C	REGULAR3	SELECTED	OR001902	1980	1997 N	43	54	14 W	123	0	50	559	COTTAGE GROVE DAM		
WR	41	5022		F	FIRST O.	SELECTED	OR002709	1980	1997 N	43	57	48 W	123	0	42	521	EUGENE WSO AIRPORT		
WR	41	5022		C	ACTIVE	SELECTED	OR002374	1980	1997 N	43	57	48 W	123	0	42	521	DORENA DAM		
WR	41	5022		C	REGULAR1	SELECTED	OR005050	1980	1997 N	43	57	48 W	123	0	42	521	LOOKOUT POINT DAM		
WR	41	5022		C	REGULAR2	SELECTED	OR001897	1980	1997 N	43	57	48 W	123	0	42	521	COTTAGE GROVE 1 S		
WR	41	5022		C	REGULAR3	SELECTED	OR001902	1980	1997 N	43	57	48 W	123	0	42	521	COTTAGE GROVE DAM		
WR	41	6011		F	FIRST O.	SELECTED	OR002709	1963	1997 N	44	17	40 W	123	3	40	323	FERN RIDGE DAM		
WR	41	6011		C	REGULAR1	SELECTED	OR003047	1963	1997 N	44	17	40 W	123	3	40	323	FOSTER DAM		
WR	41	6011		C	REGULAR2	SELECTED	OR004811	1963	1997 N	44	17	40 W	123	3	40	323	LEABURG 1 SW		
WR	41	6011		C	REGULAR3	SELECTED	OR001862	1963	1997 N	44	17	40 W	123	3	40	323	CORVALLIS STATE UNIV		
WR	41	6012		F	FIRST O.	SELECTED	WA001968	1953	1992 N	45	41	31 W	121	22	57	102	DALLESPORT FCWOS AP		
WR	41	6012		C	ACTIVE	SELECTED	OR004003	1953	1992 N	45	41	31 W	121	22	57	102	HOOD RIVER EXP STN		
WR	41	6012		C	REGULAR2	SELECTED	OR008407	1953	1992 N	45	41	31 W	121	22	57	102	THE DALLES		
WR	41	7018		F	FIRST O.	SELECTED	OR007500	1948	1997 N	44	39	18 W	123	3	41	215	SALEM WSO AIRPORT		
WR	41	7018		C	ACTIVE	SELECTED	OR001862	1948	1997 N	44	39	18 W	123	3	41	215	CORVALLIS STATE UNIV		
WR	41	7018		C	REGULAR1	SELECTED	OR008095	1948	1997 N	44	39	18 W	123	3	41	215	STAYTON		
WR	41	7018		C	REGULAR2	SELECTED	OR001877	1948	1997 N	44	39	18 W	123	3	41	215	CORVALLIS WATER BURE		
WR	41	7018		C	REGULAR3	SELECTED	OR002805	1948	1997 N	44	39	18 W	123	3	41	215	FALLS CITY NO 2		
WR	41	7019		F	FIRST O.	SELECTED	OR005429	1947	1997 N	42	26	31 W	122	50	0	1335	MEDFORD WSO AP		
WR	41	7019		C	ACTIVE	SELECTED	OR005424	1947	1997 N	42	26	31 W	122	50	0	1335	MEDFORD EXPERIMENT S		
WR	41	7019		C	REGULAR1	SELECTED	OR003004	1947	1997 N	42	26	31 W	122	50	0	1335	ASHLAND		
WR	41	7019		C	REGULAR2	SELECTED	OR005055	1947	1997 N	42	26	31 W	122	50	0	1335	LOST CREEK DAM		
WR	41	7019		C	REGULAR3	SELECTED	OR007391	1947	1997 N	42	26	31 W	122	50	0	1335	RUCH		
WR	41	7025		F	FIRST O.	SELECTED	OR002709	1963	1997 N	43	31	10 W	123	18	49	618	EUGENE WSO AIRPORT		
WR	41	7025		C	ACTIVE	SELECTED	OR002406	1963	1997 N	43	31	10 W	123	18	49	618	DRAIN		
WR	41	7025		C	REGULAR1	SELECTED	OR002633	1963	1997 N	43	31	10 W	123	18	49	618	ELKTON 3 SW		
WR	41	7025		C	REGULAR2	SELECTED	OR001902	1963	1997 N	43	31	10 W	123	18	49	618	COTTAGE GROVE DAM		
WR	41	7025		C	REGULAR3	SELECTED	OR004126	1963	1997 N	43	31	10 W	123	18	49	618	IDLEYLD PARK 4 NE		
WR	41	7081		F	FIRST O.	SELECTED	OR006546	1980	1997 N	45	49	19 W	119	23	2	585	PENDLETON WSO AIRPOR		
WR	41	7081		C	ACTIVE	SELECTED	OR003847	1980	1997 N	45	49	19 W	119	23	2	585	HERMISTON 1 SE		
WR	41	7081		C	REGULAR1	SELECTED	WA005231	1980	1997 N	45	49	19 W	119	23	2	585	MCNARY DAM		
WR	41	7081		C	REGULAR2	SELECTED	OR000858	1980	1997 N	45	49	19 W	119	23	2	585	BOARDMAN		
WR	41	7081		C	REGULAR3	SELECTED	OR006541	1980	1997 N	45	49	19 W	119	23	2	585	PENDLETON RADIO KUMA		
WR	49	0800		F	FIRST O.	SELECTED	UT001588	1980	1997 N	40	33	23 W	111	8	4	6485	COALVILLE		
WR	49	0800		C	ACTIVE	SELECTED	UT004467	1980	1997 N	40	33	23 W	111	8	4	6485	KAMAS		
WR	49	0800		C	REGULAR1	SELECTED	UT003809	1980	1997 N	40	33	23 W	111	8	4	6485	HEBER		
WR	49	0800		C	REGULAR2	SELECTED	UT007909	1980	1997 N	40	33	23 W	111	8	4	6485	SNAKE CREEK POWERHOU		
WR	49	0800		C	REGULAR3	SELECTED	UT006644	1980	1997 N	40	33	23 W	111	8	4	6485	PARK CITY FIRE STATI		
WR	49	1001		F	FIRST O.	SELECTED	UT007378	1980	1997 N	37	16	35 W	109	35	4	4384	BLANDING		
WR	49	1001		C	ACTIVE	SELECTED	UT000788	1980	1997 N	37	16	35 W	109	35	4	4384	BLUFF		
WR	49	1001		C	REGULAR1	SELECTED	UT000157	1980	1997 N	37	16	35 W	109	35	4	4384	ANETH PLANT		
WR	49	1001		C	REGULAR2	SELECTED	UT005582	1980	1997 N	37	16	35 W	109	35	4	4384	MEXICAN HAT		
WR	49	1001		C	REGULAR3	SELECTED	UT004100	1980	1997 N	37	16	35 W	109	35	4	4384	HOVENWEPP NM		
WR	49	1004	A300	F	FIRST O.	SELECTED	UT005654	1971	1997 N	38	1	55 W	112	21	35	6321	MILFORD		
WR	49	1004	A300	C	ACTIVE	SELECTED	UT001432	1971	1997 N	38	1	55 W	112	21	35	6321	CIRCLEVILLE		
WR	49	1004	A300	C	REGULAR1	SELECTED	UT006601	1971	1997 N	38	1	55 W	112	21	35	6321	PANGUITCH		
WR	49	1004	A300	C	REGULAR2	SELECTED	UT000519	1971	1997 N	38	1	55 W	112	21	35	6321	BEAVER		
WR	49	1004	A300	C	REGULAR3	SELECTED	UT000168	1971	1997 N	38	1	55 W	112	21	35	6321	ANGLE		
WR	49	1005		F	FIRST O.	SELECTED	UT007598	1970	1997 N	41	4	8 W	111	54	34	4800	SALT LAKE CITY NWSFO		
WR	49	1005		C	ACTIVE	SELECTED	UT002726	1970	1997 N	41	4	8 W	111	54	34	4800	FARMINGTON USU FLD S		
WR	49	1005		C	REGULAR1	SELECTED	UT007318	1970	1997 N	41	4	8 W	111	54	34	4800	RIVERDALE		
WR	49	1005		C	REGULAR2	SELECTED	UT006404	1970	1997 N	41	4	8 W	111	54	34	4800	OGDEN PIONEER P H		
WR	49	1005		C	REGULAR3	SELECTED	UT006414	1970	1997 N	41	4	8 W	111	54	34	4800	OGDEN SUGAR FACTORY		
WR	49	1006	C300	F	FIRST O.	SELECTED	UT002090	1971	1997 N	39	11	9 W	111	50	26	5132	DELTA		
WR	49	1006	C300	C	ACTIVE	SELECTED	UT005402	1971	1997 N	39	11	9 W	111	50	26	5132	MANTI		

Region	State	SHRP ID	SPS-GPS Link	FC	Weather Station Code	Selection Comment	WS ID	Coverage		Test Section Data						Weather Station Name		
								Period		Latitude			Longitude			Elev (ft)		
								Start	End	Dir	Deg	Min	Sec	Dir	Deg	Min	Sec	
WR	49	3010		C	REGULAR2	SELECTED	UT001260	1978	1997 N	37	55	39	W	112	46	0	5764	CEDAR CITY 5 E
WR	49	3011		F	FIRST O.	SELECTED	UT002090	1980	1997 N	39	40	1	W	111	51	53	5105	DELTA
WR	49	3011		C	ACTIVE	SELECTED	UT006135	1980	1997 N	39	40	1	W	111	51	53	5105	NEPHI
WR	49	3011		C	REGULAR1	SELECTED	UT005065	1980	1997 N	39	40	1	W	111	51	53	5105	LEVAN
WR	49	3011		C	REGULAR2	SELECTED	UT005837	1980	1997 N	39	40	1	W	111	51	53	5105	MORONI
WR	49	3011		C	REGULAR3	SELECTED	UT007686	1980	1997 N	39	40	1	W	111	51	53	5105	SANTAQUIN CHLORINATO
WR	49	3015		F	FIRST O.	SELECTED	UT007598	1969	1997 N	40	50	4	W	111	55	31	4245	SALT LAKE CITY NWSFO
WR	49	3015		C	ACTIVE	SELECTED	UT008020	1969	1997 N	40	50	4	W	111	55	31	4245	BOUNTIFUL-VAL VERDA
WR	49	3015		C	REGULAR1	SELECTED	UT008922	1969	1997 N	40	50	4	W	111	55	31	4245	UNIV OF UTAH
WR	49	3015		C	REGULAR2	SELECTED	UT007578	1969	1997 N	40	50	4	W	111	55	31	4245	SALTAIR SALT PLANT
WR	49	7082	C400	F	FIRST O.	SELECTED	ID005559	1980	1997 N	41	50	42	W	112	9	56	4527	MALAD CITY AIRPORT
WR	49	7082	C400	C	ACTIVE	SELECTED	UT001918	1980	1997 N	41	50	42	W	112	9	56	4527	CUTLER DAM UTAH P&L
WR	49	7082	C400	C	REGULAR1	SELECTED	UT008817	1980	1997 N	41	50	42	W	112	9	56	4527	TREMONTON
WR	49	7082	C400	C	REGULAR2	SELECTED	UT008828	1980	1997 N	41	50	42	W	112	9	56	4527	TRENTON
WR	49	7082	C400	C	REGULAR3	SELECTED	UT008668	1980	1997 N	41	50	42	W	112	9	56	4527	THIOKOL PLANT 78
WR	49	7083		F	FIRST O.	SELECTED	UT002090	1980	1997 N	38	46	40	W	112	5	45	5113	DELTA
WR	49	7083		C	ACTIVE	SELECTED	UT007260	1980	1997 N	38	46	40	W	112	5	45	5113	RICHFIELD RADIO KSVC
WR	49	7083		C	REGULAR1	SELECTED	UT007800	1980	1997 N	38	46	40	W	112	5	45	5113	SIGURD U P & L
WR	49	7083		C	REGULAR2	SELECTED	UT007557	1980	1997 N	38	46	40	W	112	5	45	5113	SALINA
WR	49	7083		C	REGULAR3	SELECTED	UT002828	1980	1997 N	38	46	40	W	112	5	45	5113	FILLMORE
WR	49	7085	E400	F	FIRST O.	SELECTED	UT001588	1980	1997 N	40	33	56	W	111	25	47	5756	COALVILLE
WR	49	7085	E400	C	ACTIVE	SELECTED	UT007909	1980	1997 N	40	33	56	W	111	25	47	5756	SNAKE CREEK POWERHOU
WR	49	7085	E400	C	REGULAR1	SELECTED	UT003809	1980	1997 N	40	33	56	W	111	25	47	5756	HEBER
WR	49	7086	D400	F	FIRST O.	SELECTED	UT007598	1980	1997 N	40	42	57	W	111	59	3	4242	SALT LAKE CITY NWSFO
WR	49	7086	D400	C	ACTIVE	SELECTED	UT007606	1980	1997 N	40	42	57	W	111	59	3	4242	SALT LAKE TRIAD CENT
WR	49	7086	D400	C	REGULAR1	SELECTED	UT007655	1980	1997 N	40	42	57	W	111	59	3	4242	SALT LAKE CITY ZOO
WR	49	7086	D400	C	REGULAR2	SELECTED	UT000820	1980	1997 N	40	42	57	W	111	59	3	4242	BOUNTIFUL-VAL VERDA
WR	49	7086	D400	C	REGULAR3	SELECTED	UT003097	1980	1997 N	40	42	57	W	111	59	3	4242	GARFIELD
WR	53	0200		F	FIRST O.	SELECTED	WA002614	1980	1997 N	47	3	23	W	118	25	4	1631	EPHRATA AIRPORT FCWO
WR	53	0200		C	ACTIVE	SELECTED	WA007059	1980	1997 N	47	3	23	W	118	25	4	1631	RITZVILLE 1 SSE
WR	53	0200		C	REGULAR1	SELECTED	WA004679	1980	1997 N	47	3	23	W	118	25	4	1631	LIND 3 NE
WR	53	0200		C	REGULAR2	SELECTED	WA006039	1980	1997 N	47	3	23	W	118	25	4	1631	ODESSA
WR	53	0200		C	REGULAR3	SELECTED	WA003546	1980	1997 N	47	3	23	W	118	25	4	1631	HATTON 9 SE
WR	53	0800		F	FIRST O.	SELECTED	ID005241	1980	1997 N	46	16	14	W	117	52	57	1807	LEWISTON AP
WR	53	0800		C	ACTIVE	SELECTED	WA002030	1980	1997 N	46	16	14	W	117	52	57	1807	DAYTON 1 WSW
WR	53	0800		C	REGULAR1	SELECTED	WA006610	1980	1997 N	46	16	14	W	117	52	57	1807	POMEROY
WR	53	0800		F	REGULAR2	SELECTED	WA008928	1980	1997 N	46	16	14	W	117	52	57	1807	WALLA WALLA FAA AIRP
WR	53	1002		F	FIRST O.	SELECTED	ID005241	1980	1997 N	46	24	34	W	117	56	32	1557	LEWISTON AP
WR	53	1002		C	ACTIVE	SELECTED	WA002030	1980	1997 N	46	24	34	W	117	56	32	1557	DAYTON 1 WSW
WR	53	1002		C	REGULAR1	SELECTED	WA006610	1980	1997 N	46	24	34	W	117	56	32	1557	POMEROY
WR	53	1002		F	REGULAR2	SELECTED	WA008928	1980	1997 N	46	24	34	W	117	56	32	1557	WALLA WALLA FAA AIRP
WR	53	1002		C	REGULAR3	SELECTED	WA004338	1980	1997 N	46	24	34	W	117	56	32	1557	LACROSSE
WR	53	1005		F	FIRST O.	SELECTED	WA002614	1973	1997 N	47	5	46	W	118	37	34	1830	EPHRATA AIRPORT FCWO
WR	53	1005		C	ACTIVE	SELECTED	WA004679	1973	1997 N	47	5	46	W	118	37	34	1830	LIND 3 NE
WR	53	1005		C	REGULAR1	SELECTED	WA007059	1973	1997 N	47	5	46	W	118	37	34	1830	RITZVILLE 1 SSE
WR	53	1005		C	REGULAR2	SELECTED	WA006039	1973	1997 N	47	5	46	W	118	37	34	1830	ODESSA
WR	53	1005		C	REGULAR3	SELECTED	WA003546	1973	1997 N	47	5	46	W	118	37	34	1830	HATTON 9 SE
WR	53	1006		F	FIRST O.	SELECTED	WA009012	1980	1997 N	48	1	11	W	119	53	26	820	WATERVILLE
WR	53	1006		C	ACTIVE	SELECTED	WA005326	1980	1997 N	48	1	11	W	119	53	26	820	METHOW 2 S
WR	53	1006		C	REGULAR1	SELECTED	WA001400	1980	1997 N	48	1	11	W	119	53	26	820	CHIEF JOSEPH DAM
WR	53	1006		C	REGULAR2	SELECTED	WA001350	1980	1997 N	48	1	11	W	119	53	26	820	CHELAN
WR	53	1006		C	REGULAR3	SELECTED	WA002563	1980	1997 N	48	1	11	W	119	53	26	820	ENTIAT FISH HATCHERY
WR	53	1007		F	FIRST O.	SELECTED	OR006546	1980	1997 N	46	2	53	W	119	36	8	903	PENDLETON WSO AIRPOR
WR	53	1007		C	ACTIVE	SELECTED	WA006768	1980	1997 N	48	1	11	W	119	36	8	903	PROSSER
WR	53	1007		C	REGULAR1	SELECTED	OR000858	1980	1997 N	46	2	53	W	119	36	8	903	BOARDMAN
WR	53	1007		C	REGULAR2	SELECTED	WA005231	1980	1997 N	46	2	53	W	119	36	8	903	MCNARY DAM
WR	53	1007		C	REGULAR3	SELECTED	OR003847	1980	1997 N	46	2	53	W	119	36	8	903	HERMISTON 1 SE
WR	53	1008	A300	F	FIRST O.	SELECTED	WA007938	1978	1997 N	47	33	28	W	117	23	38	2356	SPOKANE WSO AIRPORT
WR	53	1008	A300	C	ACTIVE	SELECTED	WA007180	1978	1997 N	47	33	28	W	117	23	38	2356	ROSLIA
WR	53	1008	C300	F	FIRST O.	SELECTED	WA007267	1978	1997 N	47	33	28	W	117	23	38	2356	SAINT JOHN
WR	53	1008	A300	C	REGULAR2	SELECTED	WA002007	1978	1997 N	47	33	28	W	117	23	38	2356	DAVENPORT
WR	53	1008	A300	C	REGULAR3	SELECTED	WA009058	1978	1997 N	47	33	28	W	117	23	38	2356	WELLINIT
WR	53	1501	B300	F	FIRST O.	SELECTED	WA009012	1980	1997 N	47	39	0	W	120	4	0	2622	WATERVILLE
WR	53	1501	B300	C	ACTIVE	SELECTED	WA001350	1980	1997 N	47	39	0	W	120	4	0	2622	CHELAN
WR	53	1501	C300	F	REGULAR1	SELECTED	WA009082	1980	1997 N	47	39	0	W	120	4	0	2622	WENATCHEE FAA AP
WR	53	1801	C300	F	FIRST O.	SELECTED	OR008634	1973	1997 N	45	34	16	W	122	18	48	440	TROUTDALE SUBSTATION
WR	53	1801	C300	C	ACTIVE	SELECTED	WA007696	1973	1997 N	45	34	16	W	122	18	48	440	SKAMANIA FISH HATCH
WR	53	1801	C300	C	REGULAR1	SELECTED	WA001484	1973	1997 N	48	49	7	W	122	32	58	149	CLEARBROOK
WR	53	3011		C	REGULAR2	SELECTED	WA007299	1977	1997 N	48	49	7	W	122	32	58	149	BLAINE
WR	53	3011		F	REGULAR3	SELECTED	I100030	1977	1997 N	48	49	7	W	122	32	58	149</	

Region	State	SHRP ID	SPS-GPS Link	FC	Weather Station Code	Selection Comment	WS ID	Coverage		Test Section Data						Weather Station Name			
								Period		Latitude			Longitude			Elev (ft)			
								Start	End	Dir	Deg	Min	Sec	Dir	Deg	Min	Sec		
WR	53	3812		C	REGULAR1	SELECTED	WA007459	1964	1994	N	47	45	44	W	122	19	27	350	SEATTLE JACKSON PARK
WR	53	3812		C	REGULAR2	SELECTED	WA007478	1964	1994	N	47	45	44	W	122	19	27	350	SEATTLE UNIV OF WASH
WR	53	3812		C	REGULAR3	SELECTED	WA005525	1964	1994	N	47	45	44	W	122	19	27	350	MONROE
WR	53	3813		F	FIRST O.	SELECTED	OR008634	1966	1997	N	45	34	54	W	122	27	21	440	TROUTDALE SUBSTATION
WR	53	3813		F	ACTIVE	SELECTED	OR006751	1966	1997	N	45	34	54	W	122	27	21	440	PORTLAND INTL AIRPOR
WR	53	3813		C	REGULAR1	SELECTED	WA008773	1966	1997	N	45	34	54	W	122	27	21	440	VANCOUVER 4 NNE
WR	53	3813		C	REGULAR2	SELECTED	WA007696	1966	1997	N	45	34	54	W	122	27	21	440	SKAMANIA FISH HATCH
WR	53	3813		C	REGULAR3	SELECTED	OR006749	1966	1997	N	45	34	54	W	122	27	21	440	PORTLAND KGW TV
WR	53	6020		F	FIRST O.	SELECTED	WA009082	1964	1997	N	47	30	52	W	120	26	48	800	WENATCHEE FAA AP
WR	53	6020		C	ACTIVE	SELECTED	WA009079	1964	1997	N	47	30	52	W	120	26	48	800	WENATCHEE EXP STN
WR	53	6020		C	REGULAR1	SELECTED	WA009074	1964	1997	N	47	30	52	W	120	26	48	800	WENATCHEE
WR	53	6020		C	REGULAR2	SELECTED	WA004572	1964	1997	N	47	30	52	W	120	26	48	800	LEAVENWORTH 3 S
WR	53	6048		F	FIRST O.	SELECTED	WA007458	1965	1997	N	47	47	17	W	122	8	17	120	SEATTLE URBAN SITE
WR	53	6048		C	ACTIVE	SELECTED	WA005525	1965	1997	N	47	47	17	W	122	8	17	120	MONROE
WR	53	6048		C	REGULAR1	SELECTED	WA007459	1965	1997	N	47	47	17	W	122	8	17	120	SEATTLE JACKSON PARK
WR	53	6048		C	REGULAR2	SELECTED	WA007478	1965	1997	N	47	47	17	W	122	8	17	120	SEATTLE UNIV OF WASH
WR	53	6048		C	REGULAR3	SELECTED	WA002675	1965	1997	N	47	47	17	W	122	8	17	120	EVERETT
WR	53	6049		F	FIRST O.	SELECTED	WA007473	1965	1995	N	47	25	28	W	122	13	15	30	SEATTLE TACOMA AIRPO
WR	53	6049		C	ACTIVE	SELECTED	WA004169	1965	1995	N	47	25	28	W	122	13	15	30	KENT
WR	53	6049		C	REGULAR1	SELECTED	WA004486	1965	1995	N	47	25	28	W	122	13	15	30	LANDSBURG
WR	53	6049		F	REGULAR2	SELECTED	WA008286	1965	1995	N	47	25	28	W	122	13	15	30	TACOMA CITY HALL
WR	53	6049		C	REGULAR3	SELECTED	WA007478	1965	1995	N	47	25	28	W	122	13	15	30	SEATTLE UNIV OF WASH
WR	53	6056		F	FIRST O.	SELECTED	ID005241	1969	1997	N	46	33	53	W	117	6	53	2545	LEWISTON AP
WR	53	6056		C	ACTIVE	SELECTED	ID006152	1969	1997	N	46	33	53	W	117	6	53	2545	MOSCOW U OF I
WR	53	6056		C	REGULAR1	SELECTED	WA006789	1969	1997	N	46	33	53	W	117	6	53	2545	PULLMAN 2 NW
WR	53	6056		C	REGULAR2	SELECTED	WA006610	1969	1997	N	46	33	53	W	117	6	53	2545	POMEROY
WR	53	6056		C	REGULAR3	SELECTED	WA001586	1969	1997	N	46	33	53	W	117	6	53	2545	COLFAX
WR	53	7322		F	FIRST O.	SELECTED	ID005241	1973	1997	N	46	43	48	W	117	13	25	2545	LEWISTON AP
WR	53	7322		C	ACTIVE	SELECTED	WA006789	1973	1997	N	46	43	48	W	117	13	25	2545	PULLMAN 2 NW
WR	53	7322		C	REGULAR1	SELECTED	WA001586	1973	1997	N	46	43	48	W	117	13	25	2545	COLFAX
WR	53	7322		C	REGULAR2	SELECTED	ID006152	1973	1997	N	46	43	48	W	117	13	25	2545	MOSCOW U OF I
WR	53	7322		C	REGULAR3	SELECTED	ID007301	1973	1997	N	46	43	48	W	117	13	25	2545	POTLATCH 3 NNE
WR	53	7409		F	FIRST O.	SELECTED	WA009465	1980	1997	N	46	25	18	W	120	20	2	1166	YAKIMA WSO AP
WR	53	7409		C	ACTIVE	SELECTED	WA008959	1980	1997	N	46	25	18	W	120	20	2	1166	WAPATO
WR	53	7409		C	REGULAR1	SELECTED	WA005688	1980	1997	N	46	25	18	W	120	20	2	1166	MOXEE CITY 10 E
WR	53	7409		C	REGULAR2	SELECTED	WA008207	1980	1997	N	46	25	18	W	120	20	2	1166	SUNNYSIDE
WR	53	7409		C	REGULAR3	SELECTED	WA006747	1980	1997	N	46	25	18	W	120	20	2	1166	PRIEST RAPIDS DAM
WR	56	1007	A300	F	FIRST O.	SELECTED	WY001840	1980	1997	N	44	30	10	W	108	55	7	5204	CODY
WR	56	1007	A300	C	ACTIVE	SELECTED	WY001850	1980	1997	N	44	30	10	W	108	55	7	5204	CODY 12 SE
WR	56	1007	A300	C	REGULAR1	SELECTED	WY001175	1980	1997	N	44	30	10	W	108	55	7	5204	BUFFALO BILL DAM
WR	56	1007	A300	C	REGULAR2	SELECTED	WY004411	1980	1997	N	44	30	10	W	108	55	7	5204	HEART MOUNTAIN
WR	56	1007	A300	C	REGULAR3	SELECTED	WY007388	1980	1997	N	44	30	10	W	108	55	7	5204	POWELL FIELD STATION
WR	56	2015		F	FIRST O.	SELECTED	WY001675	1978	1997	N	41	35	20	W	104	52	10	5814	CHEYENNE WSFO AP
WR	56	2015		C	ACTIVE	SELECTED	WY001730	1978	1997	N	41	35	20	W	104	52	10	5814	CHUGWATER
WR	56	2015		C	REGULAR1	SELECTED	WY007200	1978	1997	N	41	35	20	W	104	52	10	5814	PHILLIPS
WR	56	2015		C	REGULAR2	SELECTED	WY008808	1978	1997	N	41	35	20	W	104	52	10	5814	SYBILLE RESEARCH UNI
WR	56	2015		C	REGULAR3	SELECTED	WY000270	1978	1997	N	41	35	20	W	104	52	10	5814	ARCHER
WR	56	2017		F	FIRST O.	SELECTED	WY005055	1980	1997	N	43	38	8	W	105	42	0	5210	KAYCEE
WR	56	2017		C	ACTIVE	SELECTED	WY006195	1980	1997	N	43	38	8	W	105	42	0	5210	MIDWEST
WR	56	2017		C	REGULAR1	SELECTED	WY002410	1980	1997	N	43	38	8	W	105	42	0	5210	DEAD HORSE CREEK
WR	56	2017		C	REGULAR2	SELECTED	WY002725	1980	1997	N	43	38	8	W	105	42	0	5210	DULL CENTER 1 SE
WR	56	2017		C	REGULAR3	SELECTED	WY007810	1980	1997	N	43	38	8	W	105	42	0	5210	ROCHELLE 3 E
WR	56	2018		F	FIRST O.	SELECTED	WY001570	1980	1995	N	43	0	17	W	106	43	20	5545	CASPER WSCMO
WR	56	2018		C	ACTIVE	SELECTED	WY007376	1980	1995	N	43	0	17	W	106	43	20	5545	POWDER RIVER NO 2
WR	56	2018		C	REGULAR1	SELECTED	WY000552	1980	1995	N	43	0	17	W	106	43	20	5545	BATES CREEK NO 2
WR	56	2018		C	REGULAR2	SELECTED	WY006195	1980	1995	N	43	0	17	W	106	43	20	5545	MIDWEST
WR	56	2018		C	REGULAR3	SELECTED	WY007105	1980	1995	N	43	0	17	W	106	43	20	5545	PATHFINDER DAM
WR	56	2019		F	FIRST O.	SELECTED	WY006395	1980	1997	N	44	9	55	W	105	26	46	4577	MOORCROFT
WR	56	2019		C	ACTIVE	SELECTED	WY003855	1980	1997	N	44	9	55	W	105	26	46	4577	GILLETTE 6 SE
WR	56	2019		C	REGULAR1	SELECTED	WY002580	1980	1997	N	44	9	55	W	105	26	46	4577	DILLINGER
WR	56	2019		C	REGULAR2	SELECTED	WY002410	1980	1997	N	44	9	55	W	105	26	46	4577	DEAD HORSE CREEK
WR	56	2019		C	REGULAR3	SELECTED	WY002881	1980	1997	N	44	9	55	W	105	26	46	4577	ECHETA 2 NW
WR	56	2020		F	FIRST O.	SELECTED	WY008155	1980	1997	N	44	56	19	W	107	11	51	4022	SHERIDAN AP
WR	56	2020		C	ACTIVE	SELECTED	MT009175	1980	1997	N	44	56	19	W	107	11	51	4022	WYOLA 1 SW
WR	56	2020		C	REGULAR1	SELECTED	WY008160	1980	1997	N	44	56	19	W	107	11	51	4022	SHERIDAN FIELD STN
WR	56	2020		C	REGULAR3	SELECTED	WY008124	1980	1997	N	44	56	19	W	107	11	51	4022	SHELL
WR	56	2037		F	FIRST O.	SELECTED	WY007533	1980	1997	N	41	39	35	W	107	44	46	7085	RAWLINS AP
WR	56	2037		C	ACTIVE	SELECTED	WY000761	1980	1997	N	41	39	35	W	109	14	47	6359	BITTER CREEK 4 NE
WR	56	2037		C</															

Region	State	SHRP ID	SPS-GPS Link	FC	Weather Station Code	Selection Comment	WS ID	Coverage		Test Section Data						Weather Station Name	
								Period		Latitude			Longitude			Elev (ft)	
								Start	End	Dir	Deg	Min	Sec	Dir	Deg	Min	
WR	56	7772		C	ACTIVE	SELECTED	WY008875	1980	1997 N	43	40	14 W	108	16	46	4677	THERMOPOLIS
WR	56	7772		C	REGULAR1	SELECTED	WY001000	1980	1997 N	43	40	14 W	108	16	46	4677	BOYSEN DAM
WR	56	7772		C	REGULAR3	SELECTED	WY000778	1980	1997 N	43	40	14 W	108	16	46	4677	BLACK MOUNTAIN
WR	56	7773		F	FIRST O.	SELECTED	WY001570	1980	1997 N	42	39	51 W	106	29	14	5538	CASPER WSCMO
WR	56	7773		C	ACTIVE	SELECTED	WY000552	1980	1997 N	42	39	51 W	106	29	14	5538	BATES CREEK NO 2
WR	56	7773		C	REGULAR2	SELECTED	WY007376	1980	1997 N	42	39	51 W	106	29	14	5538	POWDER RIVER NO 2
WR	56	7773		C	REGULAR3	SELECTED	WY003950	1980	1997 N	42	39	51 W	106	29	14	5538	GLENROCK 5 ESE
WR	56	7775	B300	F	FIRST O.	SELECTED	WY007845	1980	1997 N	41	59	49 W	109	37	39	6433	ROCK SPRINGS AP
WR	56	7775	B300	C	ACTIVE	SELECTED	WY003170	1980	1997 N	41	59	49 W	109	37	39	6433	FARSON 5 N
WR	56	7775	B300	C	REGULAR1	SELECTED	WY003396	1980	1997 N	41	59	49 W	109	37	39	6433	FONTENELLE DAM
WR	56	7775	B300	C	REGULAR2	SELECTED	WY004065	1980	1997 N	41	59	49 W	109	37	39	6433	GREEN RIVER
WR	56	7775	B300	C	REGULAR3	SELECTED	WY005252	1980	1997 N	41	59	49 W	109	37	39	6433	LA BARGE
WR	81	0500		F	FIRST O.	SELECTED	3053520	1940	1997 N	53	35	19 W	116	1	9	2900	JASPER
WR	81	0500		C	ACTIVE	SELECTED	3065505	1940	1997 N	53	35	19 W	116	1	9	2900	ROBB RS
WR	81	0500		F	REGULAR1	SELECTED	3063730	1940	1997 N	53	35	19 W	116	1	9	2900	WHITECOURT
WR	81	0500		C	REGULAR2	SELECTED	3061200	1940	1997 N	53	35	19 W	116	1	9	2900	CAMPsie
WR	81	0500		C	REGULAR3	SELECTED	3062440	1940	1997 N	53	35	19 W	116	1	9	2900	ENTRANCE
WR	81	1803		F	FIRST O.	SELECTED	3012210	1980	1997 N	53	20	14 W	111	26	23	2123	EDMONTON NAMAO A
WR	81	1803		C	ACTIVE	SELECTED	3015405	1980	1997 N	53	20	14 W	111	26	23	2123	RANFURLY 2NW
WR	81	1803		C	REGULAR1	SELECTED	3011474	1980	1997 N	53	20	14 W	111	26	23	2123	CHAILEY
WR	81	1803		C	REGULAR2	SELECTED	3016840	1980	1997 N	53	20	14 W	111	26	23	2123	VIKING
WR	81	1803		C	REGULAR3	SELECTED	3013645	1980	1997 N	53	20	14 W	111	26	23	2123	KINSELLA RANCH
WR	81	1804		F	FIRST O.	SELECTED	3012205	1980	1997 N	53	20	18 W	113	35	40	2301	EDMONTON INT'L A
WR	81	1804		C	ACTIVE	SELECTED	3012230	1980	1997 N	53	20	18 W	113	35	40	2301	EDMONTON WOODBEND
WR	81	1804		C	REGULAR1	SELECTED	3011120	1980	1997 N	53	20	18 W	113	35	40	2301	CALMAR
WR	81	1804		C	REGULAR2	SELECTED	301FFNJ	1980	1997 N	53	20	18 W	113	35	40	2301	UNIVERSITY OF ALBERT
WR	81	1804		F	REGULAR3	SELECTED	3012208	1980	1997 N	53	20	18 W	113	35	40	2301	EDMONTON CITY CENTRE
WR	81	1805		F	FIRST O.	SELECTED	3031093	1980	1997 N	50	54	23 W	113	55	36	3379	CALGARY INT'L A
WR	81	1805		F	ACTIVE	SELECTED	303F0PP	1980	1997 N	50	54	23 W	113	55	36	3379	SPRINGBANK A
WR	81	1805		C	REGULAR1	SELECTED	3036652	1980	1997 N	50	54	23 W	113	55	36	3379	UNIVERSITY OF CALGAR
WR	81	1805		C	REGULAR2	SELECTED	3033240	1980	1997 N	50	54	23 W	113	55	36	3379	HIGH RIVER
WR	81	1805		C	REGULAR3	SELECTED	3033138	1980	1997 N	50	54	23 W	113	55	36	3379	HERRONTON EAST
WR	81	2812		F	FIRST O.	SELECTED	3025480	1980	1997 N	51	43	39 W	113	14	33	2975	RED DEER A
WR	81	2812		C	ACTIVE	SELECTED	302F4HF	1980	1997 N	51	43	39 W	113	14	33	2975	THREE HILLS SOUTH
WR	81	2812		C	REGULAR1	SELECTED	3026540	1980	1997 N	51	43	39 W	113	14	33	2975	TROCHU TOWN
WR	81	2812		C	REGULAR2	SELECTED	3022778	1980	1997 N	51	43	39 W	113	14	33	2975	GHOST PINE CREEK
WR	81	2812		C	REGULAR3	SELECTED	3026009	1980	1997 N	51	43	39 W	113	14	33	2975	SLEEPY HOLLOW
WR	81	8529		F	FIRST O.	SELECTED	3031093	1971	1997 N	51	1	56 W	114	59	19	4197	CALGARY INT'L A
WR	81	8529		C	ACTIVE	SELECTED	3035600	1971	1997 N	51	1	56 W	114	59	19	4197	KANANASKIS
WR	81	8529		C	REGULAR1	SELECTED	3052270	1971	1997 N	51	1	56 W	114	59	19	4197	ELBOW RS
WR	81	8529		C	REGULAR2	SELECTED	3052780	1971	1997 N	51	1	56 W	114	59	19	4197	GHOST RS
WR	82	1005		F	FIRST O.	SELECTED	1126510	1980	1997 N	49	46	53 W	120	58	47	3133	PRINCETON A
WR	82	1005		C	ACTIVE	SELECTED	1125079	1980	1997 N	49	46	53 W	120	58	47	3133	MERRITT STP
WR	82	1005		C	REGULAR1	SELECTED	1121090	1980	1997 N	49	46	53 W	120	58	47	3133	BROOKMERE
WR	82	1005		C	REGULAR2	SELECTED	1114474	1980	1997 N	49	46	53 W	120	58	47	3133	LADNER CREEK
WR	82	6006		F	FIRST O.	SELECTED	1108447	1959	1997 N	49	5	27 W	122	59	22	16	VANCOUVER INT'L A
WR	82	6006		C	ACTIVE	SELECTED	1107878	1959	1997 N	49	5	27 W	122	59	22	16	SURREY NEWTON
WR	82	6006		C	REGULAR1	SELECTED	1107876	1959	1997 N	49	5	27 W	122	59	22	16	SURREY MUNICIPAL HAL
WR	82	6006		C	REGULAR2	SELECTED	1106PF7	1959	1997 N	49	5	27 W	122	59	22	16	RICHMOND NATURE PARK
WR	82	6006		C	REGULAR3	SELECTED	1108890	1959	1997 N	49	5	27 W	122	59	22	16	WHALLEY FOREST NURSE
WR	82	6007		F	FIRST O.	SELECTED	1100030	1960	1997 N	49	9	18 W	121	53	30	43	ABBOTSFORD A
WR	82	6007		C	ACTIVE	SELECTED	1101530	1960	1997 N	49	9	18 W	121	53	30	43	CHILLIWACK
WR	82	6007		C	REGULAR1	SELECTED	1101545	1960	1997 N	49	9	18 W	121	53	30	43	CHILLIWACK GIBSON RO
WR	82	6007		C	REGULAR2	SELECTED	1106865	1960	1997 N	49	9	18 W	121	53	30	43	ROSEDALE
WR	82	6007		C	REGULAR3	SELECTED	1102220	1960	1997 N	49	9	18 W	121	53	30	43	CULTUS LAKE
WR	82	9017		F	FIRST O.	SELECTED	1163780	1980	1997 N	50	19	43 W	120	38	7	4560	KAMLOOPS A
WR	82	9017		C	ACTIVE	SELECTED	1124668	1980	1997 N	50	19	43 W	120	38	7	4560	LOGAN LAKE
WR	82	9017		C	REGULAR2	SELECTED	1123469	1980	1997 N	50	19	43 W	120	38	7	4560	HIGHLAND VALLEY LORN
NA	09	1803		F	FIRST O.	SELECTED	RI006698	1980	1997 N	41	23	41 W	72	1	38	165	PROVIDENCE WSO AIRPO
NA	09	1803		C	ACTIVE	SELECTED	CT003207	1980	1997 N	41	23	41 W	72	1	38	165	GROTON
NA	09	1803		C	REGULAR1	SELECTED	CT005910	1980	1997 N	41	23	41 W	72	1	38	165	NORWICH PUB UTIL PLA
NA	09	1803		C	REGULAR2	SELECTED	CT004488	1980	1997 N	41	23	41 W	72	1	38	165	MANSFIELD HOLLOW LAK
NA	09	1803		C	REGULAR3	SELECTED	CT001488	1980	1997 N	41	23	41 W	72	1	38	165	COCKAPONSET RANGER S
NA	09	4008		F	FIRST O.	SELECTED	CT003451	1980	1997 N	41	47	54 W	72	33	30	155	HARTFORD BRAINARD FL
NA	09	4008		F	ACTIVE	SELECTED	CT004767	1980	1997 N	41	47	54 W	72	33	30	155	MIDDLETON 4 W
NA	09	4020		F	FIRST O.	SELECTED	CT003451	1964	1997 N	41	42	7 W	72	34	4	201	HARTFORD BRAINARD FL
NA	09	4020		C	ACTIVE	SELECTED	CT004767	1964	1997 N	41	42	7 W	72	34	4	201	MIDDLETON 4 W
NA	09	4020		C	REGULAR1	SELECTED	CT001689	1964	1997 N	41	42	7 W	72	34	4	201	COVENTRY
NA	09	4008		C	REGULAR2	SELECTED	CT001689	1980	1997 N	41	47	54 W	72	33	30	155	COVENTRY
NA	09	4008		C	REGULAR3	SELECTED	CT008138	1980	1997 N	41	47	54 W	72	33	30	155	STORRS
NA	09	4008		C	REGULAR1	SELECTED	CT004488	1980	1997 N	41	47	54 W	72	33	30	155	HARTFORD BRAINARD FL
NA	09	5001		F	FIRST O.	SELECTED	CT003451	1980	1997 N	41	50	54 W	72	26	24	534	MANSFIELD HOLLOW LAK
NA	10	0100		F	FIRST O.	SELECTED	MD008005	1980	1997 N	38	47	28 W	75	26	19		

Region	State	SHRP ID	SPS-GPS Link	FC	Weather Station Code	Selection Comment	WS ID	Coverage		Test Section Data						Weather Station Name	
								Period		Latitude			Longitude			Elev (ft)	
								Start	End	Dir	Deg	Min	Sec	Dir	Deg	Min	
NA	10	1201		C	REGULAR3	SELECTED	DE001330	1966	1997 N	38	42	57 W	75	15	49	15	BRIDGEVILLE 1 NW
NA	10	1450		F	FIRST O.	SELECTED	NJ005581	1976	1997 N	39	1	18 W	75	27	24	27	MILLVILLE FAA AIRPOR
NA	10	1450		C	ACTIVE	SELECTED	DE002730	1976	1997 N	39	1	18 W	75	27	24	27	DOVER
NA	10	1450		C	REGULAR1	SELECTED	DE005915	1976	1997 N	39	1	18 W	75	27	24	27	MILFORD 4 SE
NA	10	1450		C	REGULAR2	SELECTED	DE003595	1976	1997 N	39	1	18 W	75	27	24	27	GREENWOOD 2 NE
NA	10	1450		C	REGULAR3	SELECTED	MD002523	1976	1997 N	39	1	18 W	75	27	24	27	DENTON 2 E
NA	10	4002		F	FIRST O.	SELECTED	NJ005581	1977	1997 N	39	7	8 W	75	30	27	22	MILLVILLE FAA AIRPOR
NA	10	4002		C	ACTIVE	SELECTED	DE002730	1977	1997 N	39	7	8 W	75	30	27	22	DOVER
NA	10	4002		C	REGULAR1	SELECTED	DE005915	1977	1997 N	39	7	8 W	75	30	27	22	MILFORD 4 SE
NA	10	4002		C	REGULAR2	SELECTED	DE003595	1977	1997 N	39	7	8 W	75	30	27	22	GREENWOOD 2 NE
NA	10	4002		C	REGULAR3	SELECTED	MD005985	1977	1997 N	39	7	8 W	75	30	27	22	MILLINGTON 1 SE
NA	10	5004		F	FIRST O.	SELECTED	DE005995	1977	1997 N	39	44	35 W	75	30	52	14	WILMINGTON WSO ARPT
NA	10	5004		C	ACTIVE	SELECTED	DE009605	1977	1997 N	39	44	35 W	75	30	52	14	WILMINGTON PORTER RS
NA	10	5004		C	REGULAR1	SELECTED	PA005390	1977	1997 N	39	44	35 W	75	30	52	14	MARCUS HOOK
NA	10	5004		C	REGULAR2	SELECTED	NJ009910	1977	1997 N	39	44	35 W	75	30	52	14	WOODSTOWN
NA	10	5004		C	REGULAR3	SELECTED	DE006410	1977	1997 N	39	44	35 W	75	30	52	14	NEWARK UNIVERSITY FA
NA	10	5005		F	FIRST O.	SELECTED	NJ005581	1971	1997 N	38	55	39 W	75	24	53	25	MILLVILLE FAA AIRPOR
NA	10	5005		C	ACTIVE	SELECTED	DE002730	1971	1997 N	38	55	39 W	75	24	53	25	DOVER
NA	10	5005		C	REGULAR1	SELECTED	DE005915	1971	1997 N	38	55	39 W	75	24	53	25	MILFORD 4 SE
NA	10	5005		C	REGULAR2	SELECTED	DE001330	1971	1997 N	38	55	39 W	75	24	53	25	BRIDGEVILLE 1 NW
NA	10	5005		C	REGULAR3	SELECTED	DE005320	1971	1997 N	38	55	39 W	75	24	53	25	LEWES
NA	11	1400		F	FIRST O.	SELECTED	VA008906	1965	1997 N	38	52	10 W	76	59	20	20	WASHINGTON NATL WSCM
NA	11	1400		C	ACTIVE	SELECTED	MD006350	1965	1997 N	38	52	10 W	76	59	20	20	NATIONAL ARBORETUM D
NA	11	1400		C	REGULAR1	SELECTED	MD001995	1965	1997 N	38	52	10 W	76	59	20	20	COLLEGE PARK
NA	11	1400		C	REGULAR2	SELECTED	MD002325	1965	1997 N	38	52	10 W	76	59	20	20	DALECARLIA RESERVOIR
NA	11	1400		C	REGULAR3	SELECTED	MD009070	1965	1997 N	38	52	10 W	76	59	20	20	UPPER MARLBORO 3 NNW
NA	23	0500		F	FIRST O.	SELECTED	ME000275	1972	1997 N	45	3	15 W	68	41	15	143	AUGUSTA FAA ARPT
NA	23	0500		C	ACTIVE	SELECTED	ME006430	1972	1997 N	45	3	15 W	68	41	15	143	ORONO
NA	23	0500		F	REGULAR1	SELECTED	ME000355	1972	1997 N	45	3	15 W	68	41	15	143	BANGOR AIRPORT
NA	23	0500		C	REGULAR2	SELECTED	ME001975	1972	1997 N	45	3	15 W	68	41	15	143	DOVER-FOXCROFT
NA	23	0500		C	REGULAR3	SELECTED	ME001628	1972	1997 N	45	3	15 W	68	41	15	143	CORINNA
NA	23	1001		F	FIRST O.	SELECTED	ME003892	1972	1997 N	45	13	12 W	68	40	27	220	HOULTON AIRPORT
NA	23	1001		C	ACTIVE	SELECTED	ME006430	1972	1997 N	45	13	12 W	68	40	27	220	ORONO
NA	23	1001		C	REGULAR1	SELECTED	ME008353	1972	1997 N	45	13	12 W	68	40	27	220	SPRINGFIELD
NA	23	1001		C	REGULAR2	SELECTED	ME001975	1972	1997 N	45	13	12 W	68	40	27	220	DOVER-FOXCROFT
NA	23	1001		C	REGULAR3	SELECTED	ME005304	1972	1997 N	45	13	12 W	68	40	27	220	MILLINOCKET
NA	23	1009		F	FIRST O.	SELECTED	ME000275	1970	1997 N	44	3	54 W	69	29	23	112	AUGUSTA FAA ARPT
NA	23	1009		C	ACTIVE	SELECTED	ME005675	1970	1997 N	44	3	54 W	69	29	23	112	NEWCASTLE
NA	23	1009		C	REGULAR1	SELECTED	ME003046	1970	1997 N	44	3	54 W	69	29	23	112	GARDINER
NA	23	1009		C	REGULAR2	SELECTED	ME009593	1970	1997 N	44	3	54 W	69	29	23	112	WEST ROCKPORT 1 NNW
NA	23	1009		F	REGULAR3	SELECTED	ME000934	1970	1997 N	44	3	54 W	69	29	23	112	BRUNSWICK
NA	23	1012		F	FIRST O.	SELECTED	ME000934	1980	1997 N	43	50	8 W	70	7	41	126	BRUNSWICK
NA	23	1012		F	ACTIVE	SELECTED	ME006905	1980	1997 N	43	50	8 W	70	7	41	126	PORTLAND WSFO AP
NA	23	1012		C	REGULAR1	SELECTED	ME004566	1980	1997 N	43	50	8 W	70	7	41	126	LEWISTON
NA	23	1012		C	REGULAR2	SELECTED	ME009314	1980	1997 N	43	50	8 W	70	7	41	126	WEST BUXTON 2 NNW
NA	23	1012		C	REGULAR3	SELECTED	ME002238	1980	1997 N	43	50	8 W	70	7	41	126	EAST HIRAM
NA	23	1026		F	FIRST O.	SELECTED	ME000275	1973	1997 N	44	34	27 W	70	17	41	486	AUGUSTA FAA ARPT
NA	23	1026		C	ACTIVE	SELECTED	ME002765	1973	1997 N	44	34	27 W	70	17	41	486	FARMINGTON
NA	23	1026		C	REGULAR1	SELECTED	ME007325	1973	1997 N	44	34	27 W	70	17	41	486	RUMFORD 1 SSE
NA	23	1026		C	REGULAR2	SELECTED	ME004927	1973	1997 N	44	34	27 W	70	17	41	486	MADISON
NA	23	1026		C	REGULAR3	SELECTED	ME009151	1973	1997 N	44	34	27 W	70	17	41	486	WATERVILLE TREATMENT
NA	23	1028		C	ACTIVE	SELECTED	ME007325	1972	1997 N	44	25	46 W	70	47	54	669	RUMFORD 1 SSE
NA	23	1028		C	REGULAR1	SELECTED	NH006690	1972	1997 N	44	25	46 W	70	47	54	669	BERLIN
NA	23	1028		C	REGULAR2	SELECTED	ME000844	1972	1997 N	43	50	46 W	70	47	54	669	BRIDGTON 3 NW
NA	23	1028		C	REGULAR3	SELECTED	NH006818	1972	1997 N	44	25	46 W	70	47	54	669	PINKHAM NOTCH
NA	23	3013		F	FIRST O.	SELECTED	ME000934	1973	1997 N	43	55	32 W	70	0	15	127	BRUNSWICK
NA	23	3013		C	ACTIVE	SELECTED	ME004566	1973	1997 N	43	55	32 W	70	0	15	127	LEWISTON
NA	23	3013		C	REGULAR1	SELECTED	ME003046	1973	1997 N	43	55	32 W	70	0	15	127	GARDINER
NA	23	3013		C	REGULAR2	SELECTED	ME005675	1973	1997 N	43	56	12 W	69	59	8	128	NEWCASTLE
NA	23	3014		F	REGULAR3	SELECTED	ME006905	1973	1997 N	43	55	32 W	70	0	15	127	PORTLAND WSFO AP
NA	23	3014		C	REGULAR3	SELECTED	ME005675	1973	1997 N	43	55	32 W	70	0	15	127	BRUNSWICK
NA	23	3014		F	FIRST O.	SELECTED	ME000934	1951	1997 N	43	52	4 W	70	6	6	139	LEWISTON
NA	23	3014		C	ACTIVE	SELECTED	ME004566	1973	1997 N	43	56	12 W	69	59	8	128	LEWISTON
NA	23	3014		C	REGULAR1	SELECTED	ME003046	1973	1997 N	43	56	12 W	69	59	8	128	GARDINER
NA	23	3014		C	REGULAR2	SELECTED	ME005675	1973	1997 N	43	56	12 W	69	59	8	128	NEWCASTLE
NA	23	3014		F	REGULAR3	SELECTED	ME006905	1973	1997 N	43	56	12 W	69	59	8	128	PORTLAND WSFO AP
NA	23	7023		F	FIRST O.	SELECTED	ME000934	1951	1997 N	43	52	4 W	70	6	6	139	BRUNSWICK
NA	23	7023		C	ACTIVE	SELECTED	ME004566	1951	1997 N	43	52	4 W	70	6	6	139	LEWISTON
NA	23	7023		F	REGULAR1	SELECTED	ME006905	1951	1997 N	43	52	4 W	70	6	6	139	PORTLAND WSFO AP
NA	23	7023		C	REGULAR2	SELECTED	ME009314	1951	1997 N	43	52	4 W	70	6	6	139	WEST BUXTON 2 NNW
NA	23	7023		C	REGULAR3	SELECTED	ME003046	1951	1997 N	43	52	4 W	70	6	6	139	GARDINER
NA	24	0500		F	FIRST O.	SELECTED	VA008903	1971	1997 N	39	17	36 W	77	31	36	423	WASHINGTON WSO DULLE
NA	24	0500		C	ACTIVE	SELECTED	MD003348	1971	1997 N	39	17	36 W	77	31	36	423	FREDERICK POLICE BRK
NA	24	0500		C	REGULAR1	SELECTED	MD001032	1971	1997 N	39	17	36 W	77	31	36	423	BOYDS 2 NW
NA	24	0500	</														

Region	State	SHRP ID	SPS-GPS Link	FC	Weather Station Code	Selection Comment	WS ID	Coverage		Test Section Data						Weather Station Name	
								Period		Latitude			Longitude			Elev (ft)	
								Start	End	Dir	Deg	Min	Sec	Dir	Deg	Min	Sec
NA	24	2805	0900	C	REGULAR1	SELECTED	MD009030	1980	1997 N	39	24	18 W	77	21	33	298	UNIONVILLE
NA	24	2805	0900	C	REGULAR2	SELECTED	MD002335	1980	1997 N	39	24	18 W	77	21	33	298	DAMASCUS 2 SW
NA	24	2805	0900	C	REGULAR3	SELECTED	MD001530	1980	1997 N	39	24	18 W	77	21	33	298	CATOCTIN MOUNTAIN PA
NA	24	5807		F	FIRST O.	SELECTED	MD000465	1980	1997 N	39	12	21 W	76	41	45	107	BALTIMORE WSO ARPT
NA	24	5807		F	ACTIVE	SELECTED	MD000470	1980	1997 N	39	12	21 W	76	41	45	107	BALTIMORE CITY
NA	24	5807		C	REGULAR1	SELECTED	MD009750	1980	1997 N	39	12	21 W	76	41	45	107	WOODSTOCK
NA	24	5807		C	REGULAR2	SELECTED	MD001862	1980	1997 N	39	12	21 W	76	41	45	107	CLARKSVILLE 3 NNE
NA	24	5807		C	REGULAR3	SELECTED	MD005111	1980	1997 N	39	12	21 W	76	41	45	107	LAUREL 3 W
NA	25	1002		F	FIRST O.	SELECTED	CT003456	1980	1997 N	42	9	59 W	72	36	38	88	HARTFORD WSO AIRPORT
NA	25	1002		C	ACTIVE	SELECTED	MA003985	1980	1997 N	42	9	59 W	72	36	38	88	KNIGHTVILLE DAM
NA	25	1002		C	REGULAR1	SELECTED	MA000120	1980	1997 N	42	9	59 W	72	36	38	88	AMHERST
NA	25	1002		C	REGULAR2	SELECTED	MA000759	1980	1997 N	42	9	59 W	72	36	38	88	BORDEN BROOK RESERVO
NA	25	1002		C	REGULAR3	SELECTED	MA002107	1980	1997 N	42	9	59 W	72	36	38	88	EAST BRIMFIELD LAKE
NA	25	1003		F	FIRST O.	SELECTED	MA000736	1974	1997 N	42	12	4 W	71	20	8	128	BLUE HILL
NA	25	1003		C	ACTIVE	SELECTED	MA008757	1974	1997 N	42	12	4 W	71	20	8	128	WALPOLE 2
NA	25	1003		C	REGULAR1	SELECTED	MA009316	1974	1997 N	42	12	4 W	71	20	8	128	WEST MEDWAY
NA	25	1003		C	REGULAR2	SELECTED	MA002975	1974	1997 N	42	12	4 W	71	20	8	128	FRAMINGHAM
NA	25	1003		F	REGULAR3	SELECTED	MA000770	1974	1997 N	42	12	4 W	71	20	8	128	BOSTON WSFO AP
NA	25	1004		F	FIRST O.	SELECTED	RI006698	1974	1997 N	41	39	16 W	70	54	6	49	PROVIDENCE WSO AIRPO
NA	25	1004		C	ACTIVE	SELECTED	MA005246	1974	1997 N	41	39	16 W	70	54	6	49	NEW BEDFORD
NA	25	1004		C	REGULAR1	SELECTED	MA006938	1974	1997 N	41	39	16 W	70	54	6	49	ROCHESTER
NA	25	1004		C	REGULAR2	SELECTED	MA002451	1974	1997 N	41	39	16 W	70	54	6	49	EAST WAREHAM
NA	25	1004		C	REGULAR3	SELECTED	MA008367	1974	1997 N	41	39	16 W	70	54	6	49	TAUNTON
NA	33	1001		F	FIRST O.	SELECTED	NH001683	1980	1997 N	43	13	20 W	71	30	47	252	CONCORD WSO AIRPORT
NA	33	1001		C	ACTIVE	SELECTED	NH005211	1980	1997 N	43	13	20 W	71	30	47	252	MASSABESIC LAKE
NA	33	1001		C	REGULAR1	SELECTED	NH007471	1980	1997 N	43	13	20 W	71	30	47	252	WEBSTER
NA	33	1001		C	REGULAR2	SELECTED	NH003182	1980	1997 N	43	13	20 W	71	30	47	252	FRANKLIN FALLS DAM
NA	33	1001		C	REGULAR3	SELECTED	NH001950	1980	1997 N	43	13	20 W	71	30	47	252	DEERING
NA	34	0500		F	FIRST O.	SELECTED	NJ006026	1968	1997 N	40	10	40 W	74	31	9	130	NEWARK WSO AIRPORT
NA	34	0500		C	ACTIVE	SELECTED	NJ003951	1968	1997 N	40	10	40 W	74	31	9	130	HIGHTSTOWN 2 W
NA	34	0500		C	REGULAR1	SELECTED	NJ003181	1968	1997 N	40	10	40 W	74	31	9	130	FREEHOLD
NA	34	0500		C	REGULAR2	SELECTED	NJ006843	1968	1997 N	40	10	40 W	74	31	9	130	PEMBERTON
NA	34	0500		C	REGULAR3	SELECTED	NJ006055	1968	1997 N	40	10	40 W	74	31	9	130	NEW BRUNSWICK 3 SE
NA	34	0800		F	FIRST O.	SELECTED	NY005803	1980	1997 N	40	39	7 W	73	47	49	410	NEW YORK KENNEDY WSC
NA	34	0800		F	ACTIVE	SELECTED	NY005811	1980	1997 N	40	39	7 W	73	47	49	410	NEW YORK LAGUARDIA W
NA	34	0800		C	REGULAR1	SELECTED	NY005796	1980	1997 N	40	39	7 W	73	47	49	410	NEW YORK AVE V BROOK
NA	34	0800		C	REGULAR2	SELECTED	NY005377	1980	1997 N	40	39	7 W	73	47	49	410	MINEOLA
NA	34	0800		F	REGULAR3	SELECTED	NY005801	1980	1997 N	40	39	7 W	73	47	49	410	NEW YORK CNTRL PRK W
NA	34	1003		F	FIRST O.	SELECTED	NJ006026	1973	1997 N	41	0	35 W	74	36	56	1156	NEWARK WSO AIRPORT
NA	34	1003		C	ACTIVE	SELECTED	NJ001582	1973	1997 N	41	0	35 W	74	36	56	1156	CHARLOTTEBURG RESERV
NA	34	1003		C	REGULAR1	SELECTED	NJ006177	1973	1997 N	41	0	35 W	74	36	56	1156	NEWTON ST PAULS ABBE
NA	34	1003		C	REGULAR2	SELECTED	NJ005769	1973	1997 N	41	0	35 W	74	36	56	1156	MORRIS PLAINS 1 W
NA	34	1003		C	REGULAR3	SELECTED	NJ000907	1973	1997 N	41	0	35 W	74	36	56	1156	BOONTON 1 SE
NA	34	1011		F	FIRST O.	SELECTED	NJ006026	1970	1997 N	40	10	49 W	74	33	20	107	NEWARK WSO AIRPORT
NA	34	1011		C	ACTIVE	SELECTED	NJ003951	1970	1997 N	40	10	49 W	74	33	20	107	HIGHTSTOWN 2 W
NA	34	1011		C	REGULAR1	SELECTED	NJ006843	1970	1997 N	40	10	49 W	74	33	20	107	PEMBERTON
NA	34	1011		C	REGULAR2	SELECTED	NJ003181	1970	1997 N	40	10	49 W	74	33	20	107	FREEHOLD
NA	34	1011		C	REGULAR3	SELECTED	NJ006055	1970	1997 N	40	10	49 W	74	33	20	107	NEW BRUNSWICK 3 SE
NA	34	1030		F	FIRST O.	SELECTED	NJ006026	1969	1997 N	41	3	32 W	74	28	26	899	NEWARK WSO AIRPORT
NA	34	1030		C	ACTIVE	SELECTED	NJ001582	1969	1997 N	41	3	32 W	74	28	26	899	CHARLOTTEBURG RESERV
NA	34	1030		C	REGULAR1	SELECTED	NJ000907	1969	1997 N	41	3	32 W	74	28	26	899	SUSSEX 1 NE
NA	34	1030		C	REGULAR2	SELECTED	NJ008644	1969	1997 N	41	3	32 W	74	28	26	899	SUSSEX 1 NE
NA	34	1030		C	REGULAR3	SELECTED	NJ005769	1969	1997 N	41	3	32 W	74	28	26	899	MORRIS PLAINS 1 W
NA	34	1031		F	FIRST O.	SELECTED	NJ005581	1973	1997 N	39	32	37 W	75	3	43	85	MILLVILLE FAA AIRPOR
NA	34	1031		C	ACTIVE	SELECTED	NJ007936	1973	1997 N	39	32	37 W	75	3	43	85	SEABROOK FARMS
NA	34	1031		C	REGULAR1	SELECTED	NJ003291	1973	1997 N	39	32	37 W	75	3	43	85	GLASSBORO 2 W
NA	34	1031		C	REGULAR2	SELECTED	NJ008051	1973	1997 N	39	32	37 W	75	3	43	85	SHILOH
NA	34	1031		C	REGULAR3	SELECTED	NJ009910	1973	1997 N	39	32	37 W	75	3	43	85	WOODSTOWN
NA	34	1033		F	FIRST O.	SELECTED	PA006889	1980	1997 N	39	49	25 W	75	6	21	54	PHILADELPHIA WSCMO A
NA	34	1034		C	ACTIVE	SELECTED	NJ003291	1980	1997 N	39	49	25 W	75	6	21	54	GLASSBORO 2 W
NA	34	1034		C	REGULAR1	SELECTED	NJ005728	1980	1997 N	39	49	25 W	75	6	21	54	MOORESTOWN
NA	34	1034		C	REGULAR2	SELECTED	NJ009910	1980	1997 N	39	49	25 W	75	6	21	54	WOODSTOWN
NA	34	1034		C	REGULAR3	SELECTED	PA005390	1980	1997 N	39	49	25 W	75	6	21	54	MARCUS HOOK
NA	34	4042		F	FIRST O.	SELECTED	PA006889	1967	1997 N	39	56	48 W	74	56	8	42	PHILADELPHIA WSCMO A
NA	34	4042		C	ACTIVE	SELECTED	NJ005728	1967	1997 N	39	56	48 W	74	56	8	42	MOORESTOWN
NA	34	4042		C	REGULAR1	SELECTED	NJ000346	1967	1997 N	39	56	48 W	74	56	8	42	AUDUBON
NA	34	4042		C	REGULAR2	SELECTED	NJ004229	1967	1997 N	39	56	48 W	74	56	8	42	INDIAN MILLS 2 W
NA	34	4042		C	REGULAR3	SELECTED	NJ006843	1967	1997 N	39	56	48 W	74	56	8	42	PEMBERTON
NA	34	6057		F	FIRST O.	SELECTED	PA006889	1961	1997 N	40	16	24 W	74	49	58	222	PHILADELPHIA WSCMO A
NA	34	6057		C	ACTIVE	SELECTED	NJ004635	1961	1997 N	40	16	24 W	74	49	58	222	LAMBERTVILLE
NA	34	6057		F	REGULAR1	SELECTED	NJ008883	1961	1997 N	40	16	24 W	74	49	58	222	TRENTON
NA	34	6057		C	REGULAR2	SELECTED	NJ003951	1961	1997 N	40	16	24 W	74	49	58	222	HIGHTSTOWN 2 W
NA	34	6057		C	REGULAR3	SELECTED	NJ003029	1961	1997 N	40	16	24 W	74	49	58	222	FLEMINGTON 5 NNW
NA	36	0800		F	FIRST O.	SELECTED	NY007167	1980	1997 N								

Region	State	SHRP ID	SPS-GPS Link	FC	Weather Station Code	Selection Comment	WS ID	Coverage		Test Section Data						Weather Station Name	
								Period		Latitude			Longitude			Elev (ft)	
								Start	End	Dir	Deg	Min	Sec	Dir	Deg	Min	Sec
NA	36	1008		C	REGULAR3	SELECTED	NY003889	1980	1997 N	43	12	17 W	75	24	53	450	HINCKLEY 2 SW
NA	36	1011		F	FIRST O.	SELECTED	NY008383	1980	1997 N	43	6	58 W	76	3	2	395	SYRACUSE WSO AIRPORT
NA	36	1011		C	ACTIVE	SELECTED	NY008627	1980	1997 N	43	6	58 W	76	3	2	395	TULLY HEIBERG FOREST
NA	36	1011		C	REGULAR1	SELECTED	NY008625	1980	1997 N	43	6	58 W	76	3	2	395	TULLY 4 NE
NA	36	1011		C	REGULAR2	SELECTED	NY001110	1980	1997 N	43	6	58 W	76	3	2	395	CAMDEN 2 NW
NA	36	1011		C	REGULAR3	SELECTED	NY005512	1980	1997 N	43	6	58 W	76	3	2	395	MORRISVILLE 5 SW
NA	36	1643	A300	F	FIRST O.	SELECTED	NY003294	1978	1997 N	43	26	13 W	73	27	35	179	GLENS FALLS AP
NA	36	1643	A300	C	ACTIVE	SELECTED	NY009389	1978	1997 N	43	26	13 W	73	27	35	179	WHITEHALL
NA	36	1643	A300	C	REGULAR1	SELECTED	NY003284	1978	1997 N	43	26	13 W	73	27	35	179	GLENS FALLS FARM
NA	36	1643	A300	C	REGULAR2	SELECTED	NY007405	1978	1997 N	43	26	13 W	73	27	35	179	SALEM
NA	36	1643	A300	C	REGULAR3	SELECTED	VT001786	1978	1997 N	43	26	13 W	73	27	35	179	DORSET 2 SE
NA	36	1644	B300	F	FIRST O.	SELECTED	NY001185	1980	1997 N	44	15	6 W	74	46	23	1489	CANTON 4 SE
NA	36	1644	B300	C	ACTIVE	SELECTED	NY008944	1980	1997 N	44	15	6 W	74	46	23	1489	WANAKENA RANGER SCHO
NA	36	1644	B300	C	REGULAR1	SELECTED	NY008631	1980	1997 N	44	15	6 W	74	46	23	1489	TUPPER LAKE SUNMOUNT
NA	36	1644	B300	C	REGULAR2	SELECTED	NY008248	1980	1997 N	44	15	6 W	74	46	23	1489	STILLWATER RESERVOIR
NA	36	1644	B300	C	REGULAR3	SELECTED	NY006957	1980	1997 N	44	15	6 W	74	46	23	1489	RAY BROOK
NA	36	4017		F	FIRST O.	SELECTED	NY000443	1973	1997 N	42	19	55 W	77	44	6	1400	BATAVIA
NA	36	4017		C	ACTIVE	SELECTED	NY000085	1973	1997 N	42	19	55 W	77	44	6	1400	ALFRED
NA	36	4017		C	REGULAR1	SELECTED	NY001883	1973	1997 N	42	19	55 W	77	44	6	1400	ANGELICA
NA	36	4017		C	REGULAR2	SELECTED	NY001974	1973	1997 N	42	19	55 W	77	44	6	1400	DANVILLE
NA	36	4017		C	REGULAR3	SELECTED	NY000448	1973	1997 N	42	19	55 W	77	44	6	1400	BATH
NA	36	4018		F	FIRST O.	SELECTED	NY000687	1974	1997 N	42	22	40 W	75	11	29	1070	BINGHAMTON WSO AP
NA	36	4018		C	ACTIVE	SELECTED	NY008936	1974	1997 N	42	22	40 W	75	11	29	1070	WALTON
NA	36	4018		C	REGULAR1	SELECTED	NY000360	1974	1997 N	42	22	40 W	75	11	29	1070	BAINBRIDGE 2 E
NA	36	4018		C	REGULAR2	SELECTED	NY005113	1974	1997 N	42	22	40 W	75	11	29	1070	MARYLAND 6 SW
NA	36	4018		C	REGULAR3	SELECTED	NY002036	1974	1997 N	42	22	40 W	75	11	29	1070	DELHI 2 SE
NA	37	0200		F	FIRST O.	SELECTED	NC003630	1980	1997 N	35	52	8 W	80	15	54	741	GREENSBORO WSO AIRPO
NA	37	0200		C	ACTIVE	SELECTED	NC004970	1980	1997 N	35	52	8 W	80	15	54	741	LEXINGTON
NA	37	0200		C	REGULAR1	SELECTED	NC005743	1980	1997 N	35	52	8 W	80	15	54	741	MOCKSVILLE 5 SE
NA	37	0200		C	REGULAR2	SELECTED	NC004063	1980	1997 N	35	52	8 W	80	15	54	741	HIGH POINT
NA	37	0200		C	REGULAR3	SELECTED	NC007615	1980	1997 N	35	52	8 W	80	15	54	741	SALISBURY
NA	37	0900		F	FIRST O.	SELECTED	NC006891	1980	1997 N	35	32	20.3 W	79	10	23.8	600	POPE AFB
NA	37	0900		C	ACTIVE	SELECTED	NC007656	1980	1997 N	35	32	20.3 W	79	10	23.8	600	SANFORD 8 NE
NA	37	0900		C	REGULAR1	SELECTED	NC007924	1980	1997 N	35	32	20.3 W	79	10	23.8	600	SILER CITY 2 S
NA	37	0900		C	REGULAR2	SELECTED	NC000212	1980	1997 N	35	32	20.3 W	79	10	23.8	600	APEX
NA	37	0900		C	REGULAR3	SELECTED	NC001677	1980	1997 N	35	32	20.3 W	79	10	23.8	600	CHAPEL HILL 2 W
NA	37	1006		F	FIRST O.	SELECTED	NC007069	1980	1997 N	35	36	55 W	78	44	55	435	RALEIGH DURHAM WSO FO
NA	37	1006		C	ACTIVE	SELECTED	NC007074	1980	1997 N	35	36	55 W	78	44	55	435	RALEIGH 4 SW
NA	37	1006		C	REGULAR1	SELECTED	NC007079	1980	1997 N	35	36	55 W	78	44	55	435	RALEIGH STATE UNIV
NA	37	1006		C	REGULAR2	SELECTED	NC001820	1980	1997 N	35	36	55 W	78	44	55	435	CLAYTON 3 W
NA	37	1006		C	REGULAR3	SELECTED	NC007656	1980	1997 N	35	36	55 W	78	44	55	435	SANFORD 8 NE
NA	37	1024		F	FIRST O.	SELECTED	NC000300	1980	1997 N	35	17	46 W	83	10	47.8	2125	ASHEVILLE WSO AP
NA	37	1024		C	ACTIVE	SELECTED	NC002200	1980	1997 N	35	17	46 W	83	10	47.8	2125	CULLOWHEE
NA	37	1024		C	REGULAR1	SELECTED	NC003228	1980	1997 N	35	17	46 W	83	10	47.8	2125	FRANKLIN 3 W
NA	37	1024		C	REGULAR2	SELECTED	NC006341	1980	1997 N	35	17	46 W	83	10	47.8	2125	OCONALUFTEE
NA	37	1024		C	REGULAR3	SELECTED	NC004055	1980	1997 N	35	17	46 W	83	10	47.8	2125	HIGHLANDS
NA	37	1028		F	FIRST O.	SELECTED	VA006139	1980	1997 N	36	31	49 W	76	21	58	20	NORFOLK WSO AIRPORT
NA	37	1028		C	ACTIVE	SELECTED	NC002719	1980	1997 N	36	31	49 W	76	21	58	20	ELIZABETH CITY
NA	37	1028		C	REGULAR1	SELECTED	VA008192	1980	1997 N	36	31	49 W	76	21	58	20	SUFFOLK LAKE KILBY
NA	37	1028		C	REGULAR2	SELECTED	VA004044	1980	1997 N	36	31	49 W	76	21	58	20	HOLLAND 1 E
NA	37	1028		C	REGULAR3	SELECTED	VA000385	1980	1997 N	36	31	49 W	76	21	58	20	BACK BAY WILDLIFE RE
NA	37	1030		F	FIRST O.	SELECTED	VA006139	1980	1997 N	36	22	54 W	76	18	46	18	NORFOLK WSO AIRPORT
NA	37	1030		C	ACTIVE	SELECTED	NC002719	1980	1997 N	36	22	54 W	76	18	46	18	ELIZABETH CITY
NA	37	1030		C	REGULAR1	SELECTED	NC002635	1980	1997 N	36	22	54 W	76	18	46	18	EDENTON
NA	37	1030		C	REGULAR2	SELECTED	VA008192	1980	1997 N	36	22	54 W	76	18	46	18	SUFFOLK LAKE KILBY
NA	37	1030		C	REGULAR3	SELECTED	VA000385	1980	1997 N	36	22	54 W	76	18	46	18	BACK BAY WILDLIFE RE
NA	37	1040		F	FIRST O.	SELECTED	NC003031	1978	1997 N	35	54	50 W	82	3	47	2565	ASHEVILLE
NA	37	1040		C	ACTIVE	SELECTED	NC001624	1978	1997 N	35	54	50 W	82	3	47	2565	CELO 2 S
NA	37	1040		C	REGULAR1	SELECTED	NC005340	1978	1997 N	35	54	50 W	82	3	47	2565	MARION 2 NW
NA	37	1040		C	REGULAR2	SELECTED	NC003565	1978	1997 N	35	54	50 W	82	3	47	2565	GRANDFATHER MOUNTAIN
NA	37	1040		C	REGULAR3	SELECTED	NC005006	1978	1997 N	35	54	50 W	82	3	47	2565	BANNER ELK
NA	37	1352		F	FIRST O.	SELECTED	NC001690	1980	1997 N	35	26	47.6 W	80	13	45.1	680	CHARLOTTE WSO ARPT
NA	37	1352		C	ACTIVE	SELECTED	NC000090	1980	1997 N	35	26	47.6 W	80	13	45.1	680	ALBEMARLE
NA	37	1352		C	REGULAR1	SELECTED	NC001975	1980	1997 N	35	26	47.6 W	80	13	45.1	680	CONCORD
NA	37	1352		C	REGULAR2	SELECTED	NC007615	1980	1997 N	35	26	47.6 W	80	13	45.1	680	SALISBURY
NA	37	1352		C	REGULAR3	SELECTED	NC007618	1980	1997 N	35	26	47.6 W	80	13	45.1	680	SALISBURY 9 WNW
NA	37	1645		F	FIRST O.	SELECTED	NC009457	1980	1997 N	34	20	50 W	78	38	58	75	WILMINGTON WSO AIRPO
NA	37	1645		C	ACTIVE	SELECTED	NC009357	1980	1997 N	34	20	50 W	78	38	58	75	WHITEVILLE 7 NW
NA	37	1645		C	REGULAR1	SELECTED	NC002732	1980	1997 N	34	20	50 W	78	38	58	75	ELIZABETHTOWN LOCK 2
NA	37	1645		C	REGULAR2	SELECTED	NC005116	1980	1997 N	34	20	50 W	78	38	58	75	LONGWOOD
NA	37	1645		C	REGULAR3	SELECTED	NC005306	1980	1997 N	34	20	50 W	78	38	58	75	LORIS 1 S
NA	37	1801		F	FIRST O.	SELECTED	NC003001	1974	1997 N	35	35	33 W	82	25	29	2270	ASHEVILLE
NA	37	1801		C	ACTIVE	SELECTED	NC008448	1974	1997 N	35	35	33 W	82	25			

Region	State	SHRP ID	SPS-GPS Link	FC	Weather Station Code	Selection Comment	WS ID	Coverage		Test Section Data						Weather Station Name	
								Period		Latitude			Longitude			Elev (ft)	
								Start	End	Dir	Deg	Min	Sec	Dir	Deg	Min	Sec
NA	37	1817		C	ACTIVE	SELECTED	NC004063	1980	1997 N	36	3	16 W	80	9	3	850	HIGH POINT
NA	37	1817		C	REGULAR1	SELECTED	NC004970	1980	1997 N	36	3	16 W	80	9	3	850	LEXINGTON
NA	37	1817		C	REGULAR2	SELECTED	NC009675	1980	1997 N	36	3	16 W	80	9	3	850	YADKINVILLE 6 E
NA	37	1817		C	REGULAR3	SELECTED	NC005743	1980	1997 N	36	3	16 W	80	9	3	850	MOCKSVILLE 5 SE
NA	37	1992		F	FIRST O.	SELECTED	NC003630	1980	1997 N	35	44	46 W	79	26	26	585	GREENSBORO WSO AIRPO
NA	37	1992		C	ACTIVE	SELECTED	NC007924	1980	1997 N	35	44	46 W	79	26	26	585	SILER CITY 2 S
NA	37	1992		C	REGULAR1	SELECTED	NC001239	1980	1997 N	35	44	46 W	79	26	26	585	BURLINGTON FIRE STN
NA	37	1992		C	REGULAR2	SELECTED	NC000286	1980	1997 N	35	44	46 W	79	26	26	585	ASHEBORO 2 W
NA	37	1992		C	REGULAR3	SELECTED	NC001677	1980	1997 N	35	44	46 W	79	26	26	585	CHAPEL HILL 2 W
NA	37	2819		F	FIRST O.	SELECTED	NC003630	1980	1997 N	35	56	2 W	79	49	39	800	GREENSBORO WSO AIRPO
NA	37	2819		C	ACTIVE	SELECTED	NC004063	1980	1997 N	35	56	2 W	79	49	39	800	HIGH POINT
NA	37	2819		C	REGULAR1	SELECTED	NC002086	1980	1997 N	35	56	2 W	79	49	39	800	ASHEBORO 2 W
NA	37	2819		C	REGULAR2	SELECTED	NC001239	1980	1997 N	35	56	2 W	79	49	39	800	BURLINGTON FIRE STN
NA	37	2819		C	REGULAR3	SELECTED	NC007924	1980	1997 N	35	56	2 W	79	49	39	800	SILER CITY 2 S
NA	37	2824		F	FIRST O.	SELECTED	NC007069	1980	1997 N	35	42	22.3 W	79	25	45.6	632	RALEIGH DURHAM WSFO
NA	37	2824		C	ACTIVE	SELECTED	NC007924	1980	1997 N	35	42	22.3 W	79	25	45.6	632	SILER CITY 2 S
NA	37	2824		C	REGULAR1	SELECTED	NC000286	1980	1997 N	35	42	22.3 W	79	25	45.6	632	ASHEBORO 2 W
NA	37	2824		C	REGULAR2	SELECTED	NC001239	1980	1997 N	35	42	22.3 W	79	25	45.6	632	BURLINGTON FIRE STN
NA	37	2824		C	REGULAR3	SELECTED	NC001677	1980	1997 N	35	42	22.3 W	79	25	45.6	632	CHAPEL HILL 2 W
NA	37	2825		F	FIRST O.	SELECTED	NC001690	1980	1997 N	35	8	29.7 W	80	54	57.1	610	CHARLOTTE WSO ARPT
NA	37	2825		C	ACTIVE	SELECTED	NC003356	1980	1997 N	35	8	29.7 W	80	54	57.1	610	GASTONIA
NA	37	2825		C	REGULAR1	SELECTED	SC009350	1980	1997 N	35	8	29.7 W	80	54	57.1	610	WINTHROP UNIVERSITY
NA	37	2825		C	REGULAR2	SELECTED	NC001975	1980	1997 N	35	8	29.7 W	80	54	57.1	610	CONCORD
NA	37	2825		C	REGULAR3	SELECTED	NC005771	1980	1997 N	35	8	29.7 W	80	54	57.1	610	MONROE 4 SE
NA	37	3008		F	FIRST O.	SELECTED	NC001690	1980	1997 N	35	15	8 W	81	21	8	965	CHARLOTTE WSO ARPT
NA	37	3008		C	ACTIVE	SELECTED	NC007845	1980	1997 N	35	15	8 W	81	21	8	965	SHELBY 2 NNE
NA	37	3008		C	REGULAR1	SELECTED	NC003356	1980	1997 N	35	15	8 W	81	21	8	965	GASTONIA
NA	37	3008		C	REGULAR2	SELECTED	NC004996	1980	1997 N	35	15	8 W	81	21	8	965	LINCOLNTON 4 W
NA	37	3008		C	REGULAR3	SELECTED	SC006293	1980	1997 N	35	15	8 W	81	21	8	965	NINETY NINE ISLANDS
NA	37	3011		F	FIRST O.	SELECTED	NC003510	1977	1997 N	35	51	56 W	77	57	32	165	GOLDSBORO 4 SE
NA	37	3011		C	ACTIVE	SELECTED	NC009476	1977	1997 N	35	51	56 W	77	57	32	165	WILSON 3 SW
NA	37	3011		C	REGULAR1	SELECTED	NC006044	1977	1997 N	35	51	56 W	77	57	32	165	NASHVILLE
NA	37	3011		C	REGULAR2	SELECTED	NC007400	1977	1997 N	35	51	56 W	77	57	32	165	ROCKY MOUNT 8 ESE
NA	37	3011		C	REGULAR3	SELECTED	NC008500	1977	1997 N	35	51	56 W	77	57	32	165	TARBORO 1 S
NA	37	3044		F	FIRST O.	SELECTED	NC007069	1966	1997 N	36	2	23 W	78	48	55	335	RALEIGH DURHAM WSFO
NA	37	3044		C	ACTIVE	SELECTED	NC002515	1966	1997 N	36	2	23 W	78	48	55	335	DURHAM
NA	37	3044		C	REGULAR1	SELECTED	NC001677	1966	1997 N	36	2	23 W	78	48	55	335	CHAPEL HILL 2 W
NA	37	3044		C	REGULAR2	SELECTED	NC007079	1966	1997 N	36	2	23 W	78	48	55	335	RALEIGH STATE UNIV
NA	37	3044		C	REGULAR3	SELECTED	NC007516	1966	1997 N	36	2	23 W	78	48	55	335	ROXBORO 7 ESE
NA	37	3807		F	FIRST O.	SELECTED	NC003630	1980	1997 N	35	59	7 W	80	14	3	780	GREENSBORO WSO AIRPO
NA	37	3807		C	ACTIVE	SELECTED	NC004970	1980	1997 N	35	59	7 W	80	14	3	780	HIGH POINT
NA	37	3807		C	REGULAR1	SELECTED	NC004063	1980	1997 N	35	59	7 W	80	14	3	780	MOCKSVILLE 5 SE
NA	37	3807		C	REGULAR2	SELECTED	NC005743	1980	1997 N	35	59	7 W	80	14	3	780	YADKINVILLE 6 E
NA	37	3816		F	FIRST O.	SELECTED	NC007069	1973	1997 N	35	56	39 W	78	51	39	350	RALEIGH DURHAM WSFO
NA	37	3816		C	ACTIVE	SELECTED	NC002515	1973	1997 N	35	56	39 W	78	51	39	350	DURHAM
NA	37	3816		C	REGULAR1	SELECTED	NC001677	1973	1997 N	35	56	39 W	78	51	39	350	CHAPEL HILL 2 W
NA	37	3816		C	REGULAR2	SELECTED	NC007079	1973	1997 N	35	56	39 W	78	51	39	350	RALEIGH STATE UNIV
NA	37	3816		C	REGULAR3	SELECTED	NC007074	1973	1997 N	35	56	39 W	78	51	39	350	RALEIGH 4 SW
NA	37	5037		F	FIRST O.	SELECTED	NC000301	1972	1997 N	35	34	36 W	82	28	27	2110	ASHEVILLE
NA	37	5037		C	ACTIVE	SELECTED	NC008448	1972	1997 N	35	34	36 W	82	28	27	2110	SWANNANOA 2 SSE
NA	37	5037		C	REGULAR1	SELECTED	NC000843	1972	1997 N	35	34	36 W	82	28	27	2110	BLACK MOUNTAIN 2 W
NA	37	5037		C	REGULAR2	SELECTED	NC003101	1972	1997 N	35	34	36 W	82	28	27	2110	FLETCHER 2 NE
NA	37	5037		C	REGULAR3	SELECTED	NC000724	1972	1997 N	35	34	36 W	82	28	27	2110	BENT CREEK
NA	37	5826		F	FIRST O.	SELECTED	NC003630	1977	1997 N	36	28	6 W	80	45	32	1140	GREENSBORO WSO AIRPO
NA	37	5826		C	ACTIVE	SELECTED	NC005890	1977	1997 N	36	28	6 W	80	45	32	1140	MOUNT AIRY 2 W
NA	37	5826		C	REGULAR1	SELECTED	VA003267	1977	1997 N	36	28	6 W	80	45	32	1140	GALAX RADIO WBRF
NA	37	5826		C	REGULAR2	SELECTED	NC009675	1977	1997 N	36	28	6 W	80	45	32	1140	YADKINVILLE 6 E
NA	37	5826		C	REGULAR3	SELECTED	VA008170	1977	1997 N	36	28	6 W	80	45	32	1140	STUART
NA	37	5827		F	FIRST O.	SELECTED	NC003630	1973	1997 N	36	22	33 W	79	37	8	630	GREENSBORO WSO AIRPO
NA	37	5827		C	ACTIVE	SELECTED	NC005109	1968	1997 N	40	58	28 W	77	47	29	1360	LOCK HAVEN SEWAGE PL
NA	37	5827		C	REGULAR1	SELECTED	VA002245	1973	1997 N	36	22	33 W	79	37	8	630	DANVILLE
NA	37	5827		C	REGULAR2	SELECTED	NC001239	1973	1997 N	36	22	33 W	79	37	8	630	BURLINGTON FIRE STN
NA	37	5827		C	REGULAR3	SELECTED	VA005300	1973	1997 N	36	22	33 W	79	37	8	630	MARTINSVILLE FILTER
NA	42	0600		F	FIRST O.	SELECTED	PA006916	1968	1997 N	40	58	28 W	77	47	29	1360	PHILIPSBURG 8 E
NA	42	0600		C	ACTIVE	SELECTED	PA008449	1968	1997 N	40	58	28 W	77	47	29	1360	STATE COLLEGE
NA	42	0600		C	REGULAR1	SELECTED	PA005109	1968	1997 N	40	58	28 W	77	47	29	1360	LOCK HAVEN SEWAGE PL
NA	42	0600		C	REGULAR2	SELECTED	PA007409	1968	1997 N	40	58	28 W	77	47	29	1360	RENOVO
NA	42	0600		C	REGULAR3	SELECTED	PA004992	1968	1997 N	40	58	28 W	77	47	29	1360	LEWISTOWN
NA	42	1597	B300	F	FIRST O.	SELECTED	PA009728	1980	1997 N	41	58	20.5 W	77	14	18.6	1093	WILLIAMSPORT WSO AP
NA	42	1597	B300	C	ACTIVE	SELECTED	NY002610	1980	1997 N	41	58	20.5 W	77	14	18.6	1093	ELMIRA
NA	42	1597	B300	C	REGULAR1	SELECTED	PA009408	1980	1997 N	41	58	20.5 W	77	14	18.6	1093	WELLSBORO 4 SSE
NA	42	1597	B300	C	REGULAR2	SELECTED	NY000448	1980	1997 N	41	58	20.5 W	77	14	18.6	1093	BATH
NA	42	1597	B300	C	REGULAR3	SELECTED	PA001212	1980	1997 N	41	58	20.5 W</					

Region	State	SHRP ID	SPS-GPS Link	FC	Weather Station Code	Selection Comment	WS ID	Coverage		Test Section Data						Weather Station Name	
								Period		Latitude			Longitude			Elev (ft)	
								Start	End	Dir	Deg	Min	Sec	Dir	Deg	Min	Sec
NA	42	1606	C400	C	REGULAR2	SELECTED	PA004481	1977	1997 N	40	13	24 W	78	28	7	1400	KEGG
NA	42	1606	C400	C	REGULAR3	SELECTED	PA002470	1977	1997 N	40	13	24 W	78	28	7	1400	EBENSBURG SEWAGE PLA
NA	42	1608		F	FIRST O.	SELECTED	PA000130	1958	1997 N	39	59	54 W	78	35	45	1000	ALTOONA FAA AIRPORT
NA	42	1608		C	ACTIVE	SELECTED	PA002721	1958	1997 N	39	59	54 W	78	35	45	1000	EVERETT
NA	42	1608		C	REGULAR1	SELECTED	PA004481	1958	1997 N	39	59	54 W	78	35	45	1000	KEGG
NA	42	1608		C	REGULAR2	SELECTED	PA008560	1958	1997 N	39	59	54 W	78	35	45	1000	STOYSTOWN
NA	42	1608		C	REGULAR3	SELECTED	MD002282	1958	1997 N	39	59	54 W	78	35	45	1000	CUMBERLAND 2
NA	42	1610		F	FIRST O.	SELECTED	MD000015	1958	1997 N	39	50	12 W	76	41	12	840	ABERDEEN PHILLIPS FI
NA	42	1610		C	ACTIVE	SELECTED	PA009933	1958	1997 N	39	50	12 W	76	41	12	840	YORK 3 SSW PUMP STN
NA	42	1610		C	REGULAR1	SELECTED	MD006844	1958	1997 N	39	50	12 W	76	41	12	840	PARKTON 2 SW
NA	42	1610		C	REGULAR2	SELECTED	PA003662	1958	1997 N	39	50	12 W	76	41	12	840	HANOVER
NA	42	1610		C	REGULAR3	SELECTED	PA004019	1958	1997 N	39	50	12 W	76	41	12	840	HOLTWOOD
NA	42	1613		F	FIRST O.	SELECTED	PA006889	1967	1997 N	39	59	45 W	75	20	51	200	PHILADELPHIA WSCMO A
NA	42	1613		C	ACTIVE	SELECTED	PA006927	1967	1997 N	39	59	45 W	75	20	51	200	PHOENIXVILLE 1 E
NA	42	1613		C	REGULAR1	SELECTED	PA006370	1967	1997 N	39	59	45 W	75	20	51	200	NORRISTOWN
NA	42	1613		C	REGULAR2	SELECTED	PA002116	1967	1997 N	39	59	45 W	75	20	51	200	DEVAULT 1 W
NA	42	1613		C	REGULAR3	SELECTED	PA005390	1967	1997 N	39	59	45 W	75	20	51	200	MARCUS HOOK
NA	42	1614		F	FIRST O.	SELECTED	PA006916	1956	1997 N	40	49	25 W	78	1	34	920	PHILIPSBURG 8 E
NA	42	1614		C	ACTIVE	SELECTED	PA008449	1956	1997 N	40	49	25 W	78	1	34	920	STATE COLLEGE
NA	42	1614		C	REGULAR1	SELECTED	PA005336	1956	1997 N	40	49	25 W	78	1	34	920	MADERA 2 SE
NA	42	1614		C	REGULAR2	SELECTED	PA007312	1956	1997 N	40	49	25 W	78	1	34	920	RAYSTOWN LAKE 2
NA	42	1614		C	REGULAR3	SELECTED	PA004992	1956	1997 N	40	49	25 W	78	1	34	920	LEWISTOWN
NA	42	1617		F	FIRST O.	SELECTED	PA006889	1972	1997 N	40	3	29 W	75	19	48	340	PHILADELPHIA WSCMO A
NA	42	1617		C	ACTIVE	SELECTED	PA006927	1972	1997 N	40	3	29 W	75	19	48	340	PHOENIXVILLE 1 E
NA	42	1617		C	REGULAR1	SELECTED	PA006370	1972	1997 N	40	3	29 W	75	19	48	340	NORRISTOWN
NA	42	1617		C	REGULAR2	SELECTED	PA002116	1972	1997 N	40	3	29 W	75	19	48	340	DEVAULT 1 W
NA	42	1617		C	REGULAR3	SELECTED	PA003437	1972	1997 N	40	3	29 W	75	19	48	340	GRATERFORD 1 E
NA	42	1618		F	FIRST O.	SELECTED	PA000130	1964	1997 N	39	46	14 W	78	54	42	1000	ALTOONA FAA AIRPORT
NA	42	1618		C	ACTIVE	SELECTED	MD003415	1964	1997 N	39	46	14 W	78	54	42	1000	FROSTBURG 2
NA	42	1618		C	REGULAR1	SELECTED	MD002282	1964	1997 N	39	46	14 W	78	54	42	1000	CUMBERLAND 2
NA	42	1618		C	REGULAR2	SELECTED	PA004481	1964	1997 N	39	46	14 W	78	54	42	1000	KEGG
NA	42	1618		C	REGULAR3	SELECTED	MD008065	1964	1997 N	39	46	14 W	78	54	42	1000	SAVAGE RIVER DAM
NA	42	1623		F	FIRST O.	SELECTED	PA009728	1980	1997 N	41	14	44 W	76	57	27	550	WILLIAMSPORT WSO AP
NA	42	1623		C	ACTIVE	SELECTED	PA005109	1980	1997 N	41	14	44 W	76	57	27	550	LOCK HAVEN SEWAGE PL
NA	42	1623		C	REGULAR1	SELECTED	PA005817	1980	1997 N	41	14	44 W	76	57	27	550	MILLVILLE 2 SW
NA	42	1623		C	REGULAR2	SELECTED	PA004853	1980	1997 N	41	14	44 W	76	57	27	550	LAURELTON CENTER
NA	42	1623		C	REGULAR3	SELECTED	PA001212	1980	1997 N	41	14	44 W	76	57	27	550	CANTON
NA	42	1627		F	FIRST O.	SELECTED	PA006916	1967	1997 N	41	2	29 W	78	24	46	1300	PHILIPSBURG 8 E
NA	42	1627		F	ACTIVE	SELECTED	PA002260	1967	1997 N	41	2	29 W	78	24	46	1300	DUBOIS FAA AP
NA	42	1627		C	REGULAR1	SELECTED	PA005336	1967	1997 N	41	2	29 W	78	24	46	1300	MADERA 2 SE
NA	42	1627		C	REGULAR2	SELECTED	PA007477	1967	1997 N	41	2	29 W	78	24	46	1300	RIDGWAY
NA	42	1627		C	REGULAR3	SELECTED	PA008469	1967	1997 N	41	2	29 W	78	24	46	1300	STEVENSON DAM
NA	42	1690	A400	F	FIRST O.	SELECTED	PA009728	1973	1997 N	41	11	48 W	76	46	10	560	WILLIAMSPORT WSO AP
NA	42	1690	A400	F	ACTIVE	SELECTED	PA007931	1973	1997 N	41	11	48 W	76	46	10	560	SELINSGROVE 2 S
NA	42	1690	A400	C	REGULAR1	SELECTED	PA005817	1973	1997 N	41	11	48 W	76	46	10	560	MILLVILLE 2 SW
NA	42	1690	A400	C	REGULAR2	SELECTED	PA004853	1973	1997 N	41	11	48 W	76	46	10	560	LAURELTON CENTER
NA	42	1691		C	REGULAR3	SELECTED	PA001212	1973	1997 N	41	11	48 W	76	46	10	560	CANTON
NA	42	1691		F	FIRST O.	SELECTED	PA006993	1951	1997 N	40	48	23 W	80	27	3	1060	PITTSBURGH WSCOM 2 A
NA	42	1691		C	ACTIVE	SELECTED	PA005902	1951	1997 N	40	48	23 W	80	27	3	1060	MONTGOMERY LOCK & DA
NA	42	1691		C	REGULAR1	SELECTED	PA006233	1951	1997 N	40	48	23 W	80	27	3	1060	NEW CASTLE 1 N
NA	42	1691		C	REGULAR2	SELECTED	OH001245	1951	1997 N	40	48	23 W	80	27	3	1060	CANFIELD 1 S
NA	42	1691		C	REGULAR3	SELECTED	WV006442	1951	1997 N	40	48	23 W	80	27	3	1060	NEW CUMBERLAND
NA	42	3044		F	FIRST O.	SELECTED	PA000106	1980	1997 N	40	34	33.4 W	75	54	59.3	553	ALLENTOWN WSO AIRPOR
NA	42	3044		C	ACTIVE	SELECTED	PA003632	1980	1997 N	40	34	33.4 W	75	54	59.3	553	HAMBURG
NA	42	3044		C	REGULAR1	SELECTED	PA007578	1980	1997 N	40	34	33.4 W	75	54	59.3	553	RODALE RESEARCH CENT
NA	42	3044		C	REGULAR2	SELECTED	PA007322	1980	1997 N	40	34	33.4 W	75	54	59.3	553	READING 4 NNW
NA	42	3044		C	REGULAR3	SELECTED	PA000785	1980	1997 N	40	34	33.4 W	75	54	59.3	553	BLUE MARSH LAKE
NA	42	5020		F	FIRST O.	SELECTED	PA006889	1978	1997 N	40	5	35 W	75	18	21	130	PHILADELPHIA WSCMO A
NA	42	5020		C	ACTIVE	SELECTED	PA006927	1978	1997 N	40	5	35 W	75	18	21	130	PHOENIXVILLE 1 E
NA	42	5020		C	REGULAR1	SELECTED	PA003437	1978	1997 N	40	5	35 W	75	18	21	130	GRATERFORD 1 E
NA	42	5020		C	REGULAR2	SELECTED	PA002116	1978	1997 N	40	5	35 W	75	18	21	130	DEVAULT 1 W
NA	42	5020		C	REGULAR3	SELECTED	NJ000346	1978	1997 N	40	5	35 W	75	18	21	130	AUDUBON
NA	42	7025		F	FIRST O.	SELECTED	PA000130	1965	1997 N	40	18	20.8 W	78	49	34.6	2140	ALTOONA FAA AIRPORT
NA	42	7025		C	ACTIVE	SELECTED	PA002470	1965	1997 N	40	18	20.8 W	78	49	34.6	2140	EBENSBURG SEWAGE PLA
NA	42	7025		C	REGULAR1	SELECTED	PA004385	1965	1997 N	40	18	20.8 W	78	49	34.6	2140	JOHNSTOWN
NA	42	7025		C	REGULAR2	SELECTED	PA004214	1965	1997 N	40	18	20.8 W	78	49	34.6	2140	INDIANA 3 SE
NA	42	7025		C	REGULAR3	SELECTED	PA000140	1965	1997 N	40	18	20.8 W	78	49	34.6	2140	ALTOONA 3 W
NA	42	7037		F	FIRST O.	SELECTED	PA002260	1968	1994 N	41	10	13 W	79	3	29	1500	DUBOIS FAA AP
NA	42	7037		C	ACTIVE	SELECTED	PA001004	1968	1994 N	41	10	13 W	79	3	29	1500	BROOKVILLE SEWAGE PL
NA	42	7037		C	REGULAR1	SELECTED	PA001485	1968	1994 N	41	10	13 W	79	3	29	1500	CLARION 3 SW
NA	42	7037		C	REGULAR2	SELECTED	PA007229	1968	1994 N	41	10	13 W	79	3	29	1500	PUTNEYVILLE 2 SE DAM
NA	42	7037		C	REGULAR3	SELECTED	PA007477	1968	1994 N	41	10	13 W	79	3	29	1500	RIDGWAY
NA	42	9027		F	FIRST O.	SELECTED	PA000106	1957	1997 N								

Region	State	SHRP ID	SPS-GPS Link	FC	Weather Station Code	Selection Comment	WS ID	Coverage		Test Section Data						Weather Station Name		
								Period		Latitude			Longitude			Elev (ft)		
								Start	End	Dir	Deg	Min	Sec	Dir	Deg	Min		
NA	50	1681		F	FIRST O.	SELECTED	VT001081	1963	1997 N	44	18	29	W	73	14	44	255	BURLINGTON WSO AP
NA	50	1681		C	ACTIVE	SELECTED	NY002554	1963	1997 N	44	18	29	W	73	14	44	255	ELIZABETHTOWN
NA	50	1681		C	REGULAR1	SELECTED	VT007607	1963	1997 N	44	18	29	W	73	14	44	255	SOUTH HERO
NA	50	1681		C	REGULAR2	SELECTED	NY006538	1963	1997 N	44	18	29	W	73	14	44	255	PERU 2 WSW
NA	50	1681		C	REGULAR3	SELECTED	VT008815	1963	1997 N	44	18	29	W	73	14	44	255	WATERBURY 2 SSE
NA	50	1682		F	FIRST O.	SELECTED	VT001081	1963	1997 N	44	19	35	W	73	14	27	400	BURLINGTON WSO AP
NA	50	1682		C	ACTIVE	SELECTED	NY002554	1963	1997 N	44	19	35	W	73	14	27	400	ELIZABETHTOWN
NA	50	1682		C	REGULAR1	SELECTED	VT007607	1963	1997 N	44	19	35	W	73	14	27	400	SOUTH HERO
NA	50	1682		C	REGULAR2	SELECTED	NY006538	1963	1997 N	44	19	35	W	73	14	27	400	PERU 2 WSW
NA	50	1682		C	REGULAR3	SELECTED	VT008815	1963	1997 N	44	19	35	W	73	14	27	400	WATERBURY 2 SSE
NA	50	1683		F	FIRST O.	SELECTED	VT001081	1963	1997 N	44	19	46	W	73	14	18	430	BURLINGTON WSO AP
NA	50	1683		C	ACTIVE	SELECTED	NY002554	1963	1997 N	44	19	46	W	73	14	18	430	ELIZABETHTOWN
NA	50	1683		C	REGULAR1	SELECTED	VT007607	1963	1997 N	44	19	46	W	73	14	18	430	SOUTH HERO
NA	50	1683		C	REGULAR2	SELECTED	NY006538	1963	1997 N	44	19	46	W	73	14	18	430	PERU 2 WSW
NA	50	1683		C	REGULAR3	SELECTED	VT008815	1963	1997 N	44	19	46	W	73	14	18	430	WATERBURY 2 SSE
NA	51	0100		F	FIRST O.	SELECTED	VA007925	1980	1997 N	36	39	32	W	79	21	56	643	SOUTH BOSTON
NA	51	0100		C	ACTIVE	SELECTED	VA002245	1980	1997 N	36	39	32	W	79	21	56	643	DANVILLE
NA	51	0100		C	REGULAR1	SELECTED	VA001614	1980	1997 N	36	39	32	W	79	21	56	643	CHATHAM
NA	51	0100		C	REGULAR2	SELECTED	NC007202	1980	1997 N	36	39	32	W	79	21	56	643	REIDSVILLE 2 NW
NA	51	0100		C	REGULAR3	SELECTED	VA005300	1980	1997 N	36	39	32	W	79	21	56	643	MARTINSVILLE FILTER
NA	51	0102		F	FIRST O.	SELECTED	VA007285	1979	1997 N	36	57	28.5	W	80	22	6.1	2204	ROANOKE WSO AIRPORT
NA	51	0102		C	ACTIVE	SELECTED	VA003071	1979	1997 N	36	57	28.5	W	80	22	6.1	2204	FLOYD 2 NE
NA	51	0102		C	REGULAR1	SELECTED	VA000766	1979	1997 N	36	57	28.5	W	80	22	6.1	2204	BLACKSBURG WSO
NA	51	0102		C	REGULAR2	SELECTED	VA006692	1979	1997 N	36	57	28.5	W	80	22	6.1	2204	PHILPOTT DAM 2
NA	51	0102		C	REGULAR3	SELECTED	VA008170	1979	1997 N	36	57	28.5	W	80	22	6.1	2204	STUART
NA	51	1023	A300	F	FIRST O.	SELECTED	VA007201	1980	1997 N	37	0	55	W	77	23	28	98	RICHMOND WSO AIRPORT
NA	51	1023	A300	C	ACTIVE	SELECTED	VA008129	1980	1997 N	37	0	55	W	77	23	28	98	STONY CREEK 3 ESE
NA	51	1023	A300	C	REGULAR1	SELECTED	VA004101	1980	1997 N	37	0	55	W	77	23	28	98	HOPEWELL
NA	51	1023	A300	C	REGULAR2	SELECTED	VA008800	1980	1997 N	37	0	55	W	77	23	28	98	WAKEFIELD 2
NA	51	1023	A300	C	REGULAR3	SELECTED	VA002790	1980	1997 N	37	0	55	W	77	23	28	98	EMPORIA 1 WNW
NA	51	1417		F	FIRST O.	SELECTED	VA008903	1980	1997 N	38	36	33.2	W	77	47	14.9	320	WASHINGTON WSO DULLE
NA	51	1417		C	ACTIVE	SELECTED	VA008888	1980	1997 N	38	36	33.2	W	77	47	14.9	320	WARRENTON 3 SE
NA	51	1417		C	REGULAR1	SELECTED	VA003192	1980	1997 N	38	36	33.2	W	77	47	14.9	320	FREDERICKSBURG NATL
NA	51	1417		C	REGULAR2	SELECTED	VA008084	1980	1997 N	38	36	33.2	W	77	47	14.9	320	STERLING RCS
NA	51	1417		C	REGULAR3	SELECTED	VA005851	1980	1997 N	38	36	33.2	W	77	47	14.9	320	MOUNT WEATHER
NA	51	1419		F	FIRST O.	SELECTED	TN001094	1979	1997 N	36	57	57	W	81	55	11	2263	BRISTOL WSO AIRPORT
NA	51	1419		C	ACTIVE	SELECTED	VA000021	1979	1997 N	36	57	57	W	81	55	11	2263	ABINGDON 3 S
NA	51	1419		C	REGULAR1	SELECTED	VA003640	1979	1997 N	36	57	57	W	81	55	11	2263	GRUNDY
NA	51	1419		C	REGULAR2	SELECTED	VA001209	1979	1997 N	36	57	57	W	81	55	11	2263	BURKES GARDEN
NA	51	1419		C	REGULAR3	SELECTED	TN006292	1979	1997 N	36	57	57	W	81	55	11	2263	MOUNTAIN CITY 2
NA	51	1423		F	FIRST O.	SELECTED	TN001094	1978	1997 N	36	51	10	W	82	45	29	1819	BRISTOL WSO AIRPORT
NA	51	1423		C	ACTIVE	SELECTED	VA009215	1978	1997 N	36	51	10	W	82	45	29	1819	WISE 3 E
NA	51	1423		C	REGULAR1	SELECTED	VA006626	1978	1997 N	36	51	10	W	82	45	29	1819	PENNINGTON GAP
NA	51	1423		C	REGULAR2	SELECTED	TN004858	1978	1997 N	36	51	10	W	82	45	29	1819	KINGSPORT
NA	51	1423		C	REGULAR3	SELECTED	KY000450	1978	1997 N	36	51	10	W	82	45	29	1819	BAXTER
NA	51	1464		F	FIRST O.	SELECTED	VA004720	1979	1997 N	37	19	56	W	76	42	32	82	LANGLEY AIR FORCE BA
NA	51	1464		C	ACTIVE	SELECTED	VA009151	1979	1997 N	37	19	56	W	76	42	32	82	WILLIAMSBURG 2 N
NA	51	1464		C	REGULAR1	SELECTED	VA009025	1979	1997 N	37	19	56	W	76	42	32	82	WEST POINT 2 NW
NA	51	1464		C	REGULAR2	SELECTED	VA005338	1979	1997 N	37	19	56	W	76	42	32	82	MATHEWS 6 SE
NA	51	1464		C	REGULAR3	SELECTED	VA008800	1979	1997 N	37	19	56	W	76	42	32	82	WAKEFIELD 2
NA	51	2004		F	FIRST O.	SELECTED	VA007925	1980	1997 N	36	32	47	W	79	24	32	472	SOUTH BOSTON
NA	51	2004		C	ACTIVE	SELECTED	VA002245	1980	1997 N	36	32	47	W	79	24	32	472	DANVILLE
NA	51	2004		C	REGULAR1	SELECTED	VA001614	1980	1997 N	36	32	47	W	79	24	32	472	CHATHAM
NA	51	2004		C	REGULAR2	SELECTED	NC007202	1980	1997 N	36	32	47	W	79	24	32	472	REIDSVILLE 2 NW
NA	51	2004		C	REGULAR3	SELECTED	VA005300	1980	1997 N	36	32	47	W	79	24	32	472	MARTINSVILLE FILTER
NA	51	2021		F	FIRST O.	SELECTED	WV000921	1980	1997 N	36	44	2	W	80	48	6	2635	BLUEFIELD FAA AP
NA	51	2021		C	ACTIVE	SELECTED	VA003267	1980	1997 N	36	44	2	W	80	48	6	2635	GALAX RADIO WBRF
NA	51	2021		C	REGULAR1	SELECTED	NC005890	1980	1997 N	36	44	2	W	80	48	6	2635	MOUNT AIRY 2 W
NA	51	2021		C	REGULAR2	SELECTED	VA009301	1980	1997 N	36	44	2	W	80	48	6	2635	WYTHEVILLE 1 S
NA	51	2021		C	REGULAR3	SELECTED	VA006955	1980	1997 N	36	44	2	W	80	48	6	2635	PULASKI
NA	51	2564		F	FIRST O.	SELECTED	VA006139	1969	1997 N	36	55	49	W	76	17	27	13	NORFOLK WSO AIRPORT
NA	51	2564		C	ACTIVE	SELECTED	VA008192	1969	1997 N	36	46	41.1	W	76	22	49.5	22	SUFFOLK LAKE KILBY
NA	51	2564		F	REGULAR1	SELECTED	VA004720	1969	1997 N	36	46	41.1	W	76	22	49.5	22	LANGLEY AIR FORCE BA
NA	51	2564		C	REGULAR2	SELECTED	VA004044	1969	1997 N	36	46	41.1	W	76	22	49.5	22	HOLLAND 1 E
NA	51	2564		C	REGULAR3	SELECTED	VA003885	1969	1997 N	36	46	41.1	W	76	22	49.5	22	BACK BAY WILDLIFE RE
NA	51	5008		F	FIRST O.	SELECTED	VA006139	1977	1997 N	36	55	49	W	76	17	27	13	NORFOLK WSO AIRPORT
NA	51	5008		C	ACTIVE	SELECTED	VA004720	1977	1997 N	36	55	49	W	76	17	27	13	LANGLEY AIR FORCE BA
NA	51	5008		C	REGULAR1	SELECTED	VA008192	1977	1997 N	36	55	49	W	76	17	27	13	SUFFOLK LAKE KILBY
NA	51	5008		C	REGULAR2	SELECTED	VA000385	1977	1997 N	36	55	49	W	76	17	27	13	BACK BAY WILDLIFE RE
NA	51	5008		C	REGULAR3	SELECTED	VA004044	1977	1997 N	36	55	49	W	76	17	27	13	HOLLAND 1 E
NA	51	5009		F	FIRST O.	SELECTED	VA00720											

Region	State	SHRP ID	SPS-GPS Link	FC	Weather Station Code	Selection Comment	WS ID	Coverage		Test Section Data						Weather Station Name	
								Period		Latitude			Longitude			Elev (ft)	
								Start	End	Dir	Deg	Min	Sec	Dir	Deg	Min	Sec
NA	54	4004		C	REGULAR1	SELECTED	WV005365	1980	1997 N	38	1	22 W	81	21	17	960	LONDON LOCKS
NA	54	4004		C	REGULAR2	SELECTED	WV000580	1980	1997 N	38	1	22 W	81	21	17	960	BECKLEY VA HOSPITAL
NA	54	4004		C	REGULAR3	SELECTED	WV004956	1980	1997 N	38	1	22 W	81	21	17	960	KOPPERSTON
NA	54	5007		F	FIRST O.	SELECTED	WV006202	1977	1993 N	39	17	8 W	80	25	15	1225	MORGANTOWN FAA AIRPO
NA	54	5007		C	ACTIVE	SELECTED	WV001677	1977	1993 N	39	17	8 W	80	25	15	1225	CLARKSBURG 1
NA	54	5007		C	REGULAR1	SELECTED	WV005626	1977	1993 N	39	17	8 W	80	25	15	1225	MANNINGTON 8 WNW
NA	54	5007		C	REGULAR2	SELECTED	WV009436	1977	1993 N	39	17	8 W	80	25	15	1225	WESTON
NA	54	5007		C	REGULAR3	SELECTED	WV009458	1977	1993 N	39	17	8 W	80	25	15	1225	WEST UNION 2
NA	54	7008		F	FIRST O.	SELECTED	WV001570	1962	1997 N	38	25	40 W	81	49	5	661	CHARLESTON AP
NA	54	7008		C	ACTIVE	SELECTED	WV009683	1962	1997 N	38	25	40 W	81	49	5	661	WINFIELD LOCKS
NA	54	7008		C	REGULAR1	SELECTED	WV003846	1962	1997 N	38	25	40 W	81	49	5	661	HAMLIN
NA	54	7008		C	REGULAR2	SELECTED	WV005563	1962	1997 N	38	25	40 W	81	49	5	661	MADISON
NA	54	7008		C	REGULAR3	SELECTED	WV004200	1962	1997 N	38	25	40 W	81	49	5	661	HOGSETT GALLIPOLIS D
NA	84	1684		F	FIRST O.	SELECTED	810150	1978	1997 N	45	50	54.8 W	66	32	34.5	79	FREDERICTON A
NA	84	1684		C	ACTIVE	SELECTED	810160	1978	1997 N	45	50	54.8 W	66	32	34.5	79	FREDERICTON CDA
NA	84	1684		C	REGULAR1	SELECTED	8103800	1978	1997 N	45	50	54.8 W	66	32	34.5	79	OROMOCTO
NA	84	1684		C	REGULAR2	SELECTED	8100100	1978	1997 N	45	50	54.8 W	66	32	34.5	79	ACADIA FOREST EXP ST
NA	84	1684		C	REGULAR3	SELECTED	8104480	1978	1997 N	45	50	54.8 W	66	32	34.5	79	ROYAL ROAD
NA	84	1802		F	FIRST O.	SELECTED	8103200	1980	1997 N	46	31	46 W	64	45	54	82	MONCTON A
NA	84	1802		C	ACTIVE	SELECTED	8100590	1980	1997 N	46	31	46 W	64	45	54	82	BUCTOUCHÉ
NA	84	1802		C	REGULAR1	SELECTED	8100592	1980	1997 N	46	31	46 W	64	45	54	82	BUCTOUCHÉ CDA
NA	84	1802		C	REGULAR2	SELECTED	8104400	1980	1997 N	46	31	46 W	64	45	54	82	REXTON
NA	84	1802		C	REGULAR3	SELECTED	8102325	1980	1997 N	46	31	46 W	64	45	54	82	KOUCHIBOUGUAC
NA	84	3803		F	FIRST O.	SELECTED	8103200	1980	1997 N	46	33	36 W	64	47	13	72	MONCTON A
NA	84	3803		C	ACTIVE	SELECTED	8100590	1980	1997 N	46	33	36 W	64	47	13	72	BUCTOUCHÉ
NA	84	3803		C	REGULAR1	SELECTED	8104400	1980	1997 N	46	33	36 W	64	47	13	72	REXTON
NA	84	3803		C	REGULAR2	SELECTED	8100592	1980	1997 N	46	33	36 W	64	47	13	72	BUCTOUCHÉ CDA
NA	84	3803		C	REGULAR3	SELECTED	8102325	1980	1997 N	46	33	36 W	64	47	13	72	KOUCHIBOUGUAC
NA	84	6804		F	FIRST O.	SELECTED	8101500	1966	1997 N	45	54	44 W	67	2	49	177	FREDERICTON A
NA	84	6804		C	ACTIVE	SELECTED	8102536	1966	1997 N	45	54	44 W	67	2	49	177	MACTAQUAC PROV PARK
NA	84	6804		C	REGULAR1	SELECTED	8102201	1966	1997 N	45	54	44 W	67	2	49	177	HARVEY STATION
NA	84	6804		C	REGULAR2	SELECTED	8104480	1966	1997 N	45	54	44 W	67	2	49	177	ROYAL ROAD
NA	84	6804		C	REGULAR3	SELECTED	8100775	1966	1997 N	45	54	44 W	67	2	49	177	CANTERBURY
NA	85	1801		F	FIRST O.	SELECTED	8403506	1980	1997 N	47	29	12 W	52	52	8	560	ST JOHN'S A
NA	85	1801		C	ACTIVE	SELECTED	8403600	1980	1997 N	47	29	12 W	52	52	8	560	ST JOHN'S WEST CDA
NA	85	1801		C	REGULAR1	SELECTED	8403523	1980	1997 N	47	29	12 W	52	52	8	560	ST JOHN'S THORBURN R
NA	85	1801		C	REGULAR2	SELECTED	8403045	1980	1997 N	47	29	12 W	52	52	8	560	PORTUGAL COVE, CONCE
NA	85	1801		C	REGULAR3	SELECTED	8403669	1980	1997 N	47	29	12 W	52	52	8	560	SIGNAL HILL
NA	85	1803		F	FIRST O.	SELECTED	8403800	1980	1997 N	48	41	33 W	58	9	37	485	STEPHENVILLE A
NA	85	1803		C	ACTIVE	SELECTED	8401642	1980	1997 N	48	41	33 W	58	9	37	485	GALLANTS
NA	85	1803		C	REGULAR1	SELECTED	8400570	1980	1997 N	48	41	33 W	58	9	37	485	BLACK DUCK
NA	85	1803		C	REGULAR2	SELECTED	8401300	1980	1997 N	48	41	33 W	58	9	37	485	CORNER BROOK
NA	85	1803		C	REGULAR3	SELECTED	8403693	1980	1997 N	48	41	33 W	58	9	37	485	SOUTH BROOK PASADENA
NA	85	1808		F	FIRST O.	SELECTED	8403800	1980	1997 N	48	23	9 W	58	27	38	254	STEPHENVILLE A
NA	85	1808		C	ACTIVE	SELECTED	8400570	1980	1997 N	48	23	9 W	58	27	38	254	BLACK DUCK
NA	85	1808		C	REGULAR1	SELECTED	8403450	1980	1997 N	48	23	9 W	58	27	38	254	ST GEORGES
NA	85	1808		C	REGULAR2	SELECTED	8401642	1980	1997 N	48	23	9 W	58	27	38	254	GALLANTS
NA	85	1808		C	REGULAR3	SELECTED	8402563	1980	1997 N	48	23	9 W	58	27	38	254	LOCKLEVEN
NA	86	6802		F	FIRST O.	SELECTED	8202250	1972	1997 N	44	50	49 W	63	34	9	470	HALIFAX INT'L A
NA	86	6802		C	ACTIVE	SELECTED	8206250	1972	1997 N	44	50	49 W	63	34	9	470	WESTPHAL
NA	86	6802		C	REGULAR1	SELECTED	8203600	1972	1997 N	44	50	49 W	63	34	9	470	MOUNT UNIACKE
NA	86	6802		C	REGULAR2	SELECTED	8202220	1972	1997 N	44	50	49 W	63	34	9	470	HALIFAX CITADEL
NA	86	6802		C	REGULAR3	SELECTED	8204453	1972	1997 N	44	50	49 W	63	34	9	470	POCKWOCK LAKE
NA	87	1620	A300	F	FIRST O.	SELECTED	6115525	1980	1997 N	44	39	14 W	79	38	51	705	MUSKOKA A
NA	87	1620	A300	C	ACTIVE	SELECTED	6111769	1980	1997 N	44	39	14 W	79	38	51	705	COLDWATER WARMINSTER
NA	87	1620	A300	C	REGULAR1	SELECTED	6115820	1980	1997 N	44	39	14 W	79	38	51	705	ORILLIA TS
NA	87	1620	A300	C	REGULAR2	SELECTED	6115127	1980	1997 N	44	39	14 W	79	38	51	705	MIDLAND WATER POLLUT
NA	87	1620	A300	C	REGULAR3	SELECTED	6115130	1980	1997 N	44	39	14 W	79	38	51	705	MIDLAND HURONIA A
NA	87	1622	B300	F	FIRST O.	SELECTED	6115525	1976	1997 N	45	6	43 W	79	18	38	989	MUSKOKA A
NA	87	1622	B300	C	ACTIVE	SELECTED	6110606	1976	1997 N	45	6	43 W	79	18	38	989	BEATRICE 2
NA	87	1622	B300	C	REGULAR1	SELECTED	611C001	1976	1997 N	45	6	43 W	79	18	38	989	GRAVENHURST BOOTH
NA	87	1622	B300	C	REGULAR2	SELECTED	6113663	1976	1997 N	45	6	43 W	79	18	38	989	HUNTSVILLE WPCP
NA	87	1622	B300	C	REGULAR3	SELECTED	6112072	1976	1997 N	45	6	43 W	79	18	38	989	DORSSET MOE
NA	87	1680		F	FIRST O.	SELECTED	615HMAK	1980	1997 N	43	59	11 W	79	23	43	1020	TORONTO BUTTONVILLE
NA	87	1680		C	ACTIVE	SELECTED	6154142	1980	1997 N	43	59	11 W	79	23	43	1020	KING SMOKE TREE
NA	87	1680		C	REGULAR1	SELECTED	6158084	1980	1997 N	43	59	11 W	79	23	43	1020	STOUFFVILLE WPCP
NA	87	1680		C	REGULAR2	SELECTED	6157012	1980	1997 N	43	59	11 W	79	23	43	1020	RICHMOND HILL
NA	87	1680		C	REGULAR3	SELECTED	6152953	1980	1997 N	44	0	6 W	79	24	5	960	GORMLEY ARDENLEE
NA	87	1806		F	FIRST O.	SELECTED	6157254	1977	1997 N	42	59	25 W	82	1	9	724	SARNIA A
NA	87	1806		C	ACTIVE	SELECTED	615HMAK	1980	1997 N	44	0	6 W	79	24	5	960	PETROLIA TOWN
NA	87	1806		C	REGULAR1	SELECTED	6154142	1980	1997 N	44	0	6 W	79	24	5	960	THEDFORD
NA	87	1806		C	REGULAR2	SELECTED	6148120	1977	1997 N	42	59	25 W	82	1	9	724	STRATHROY
NA	87	1811		C	REGULAR3	SELECTED	MI006680	1977	1997 N	42	59	25 W	82	1	9	724	PORT HURON
NA	87	2812		F	FIRST O.	SELECTED	6144475	1980</									

Region	State	SHRP ID	SPS-GPS Link	FC	Weather Station Code	Selection Comment	WS ID	Coverage		Test Section Data								Weather Station Name	
								Period		Latitude				Longitude				Elev (ft)	
								Start	End	Dir	Deg	Min	Sec	Dir	Deg	Min	Sec		
NA	88	1646		F	REGULAR3	SELECTED	8300300	1980	1997 N	46	16	12 W	63	36	0	100	CHARLOTTETOWN A		
NA	88	1647		F	FIRST O.	SELECTED	8300300	1980	1997 N	46	20	41 W	63	19	27	100	CHARLOTTETOWN A		
NA	88	1647		C	ACTIVE	SELECTED	8300497	1980	1997 N	46	20	41 W	63	19	27	100	NEW GLASGOW		
NA	88	1647		C	REGULAR1	SELECTED	8300400	1980	1997 N	46	20	41 W	63	19	27	100	CHARLOTTETOWN CDA		
NA	88	1647		C	REGULAR2	SELECTED	8300590	1980	1997 N	46	20	41 W	63	19	27	100	STANHOPE		
NA	88	1647		C	REGULAR3	SELECTED	8300600	1980	1997 N	46	20	41 W	63	19	27	100	ALBANY		
NA	89	1021	A300	F	FIRST O.	SELECTED	7027320	1980	1997 N	46	27	19.2 W	72	25	6.2	100	ST HUBERT A		
NA	89	1021	A300	C	ACTIVE	SELECTED	7017585	1980	1997 N	46	27	19.2 W	72	25	6.2	100	ST NARCISSE		
NA	89	1021	A300	C	REGULAR1	SELECTED	7011290	1980	1997 N	46	27	19.2 W	72	25	6.2	100	CHAMPLAIN		
NA	89	1021	A300	C	REGULAR2	SELECTED	7020570	1980	1997 N	46	27	19.2 W	72	25	6.2	100	BECANCOUR		
NA	89	1021	A300	C	REGULAR3	SELECTED	701HE63	1980	1997 N	46	27	19.2 W	72	25	6.2	100	TROIS RIVIERES AQUED		
NA	89	1125		F	FIRST O.	SELECTED	7027320	1978	1997 N	46	42	2 W	71	40	24	185	ST HUBERT A		
NA	89	1125		C	ACTIVE	SELECTED	7012071	1978	1997 N	46	42	2 W	71	40	24	185	DONNACONA 2		
NA	89	1125		C	REGULAR1	SELECTED	7027088	1978	1997 N	46	42	2 W	71	40	24	185	STE CROIX		
NA	89	1125		C	REGULAR2	SELECTED	7016900	1978	1997 N	46	42	2 W	71	40	24	185	ST AUGUSTIN		
NA	89	1125		C	REGULAR3	SELECTED	7016932	1978	1997 N	46	42	2 W	71	40	24	185	STE CATHERINE		
NA	89	1127		F	FIRST O.	SELECTED	VT005542	1978	1997 N	46	28	54 W	71	2	9	525	NEWPORT		
NA	89	1127		C	ACTIVE	SELECTED	7027840	1978	1997 N	46	28	54 W	71	2	9	525	SCOTT		
NA	89	1127		C	REGULAR1	SELECTED	7028676	1978	1997 N	46	28	54 W	71	2	9	525	VALLEE JONCTION		
NA	89	1127		C	REGULAR2	SELECTED	7027733	1978	1997 N	46	28	54 W	71	2	9	525	ST SEVERIN		
NA	89	1127		C	REGULAR3	SELECTED	7057518	1978	1997 N	46	28	54 W	71	2	9	525	ST MALACHIE		
NA	89	2011		F	FIRST O.	SELECTED	VT005542	1978	1997 N	45	24	9.2 W	71	19	40.7	830	NEWPORT		
NA	89	2011		C	ACTIVE	SELECTED	7027802	1978	1997 N	45	24	9.2 W	71	19	40.7	830	SAWYERVILLE NORD		
NA	89	2011		C	REGULAR1	SELECTED	7028906	1978	1997 N	45	24	9.2 W	71	19	40.7	830	WEST DITTON		
NA	89	2011		C	REGULAR2	SELECTED	7025212	1978	1997 N	45	24	9.2 W	71	19	40.7	830	MONT MEGANTIC		
NA	89	2011		C	REGULAR3	SELECTED	7020885	1978	1997 N	45	24	9.2 W	71	19	40.7	830	BURY		
NA	89	3001		F	FIRST O.	SELECTED	7027320	1977	1997 N	45	53	44 W	73	11	17	70	ST HUBERT A		
NA	89	3001		C	ACTIVE	SELECTED	7028200	1977	1997 N	45	53	44 W	73	11	17	70	SOREL		
NA	89	3001		C	REGULAR1	SELECTED	7022375	1977	1997 N	45	53	44 W	73	11	17	70	FLEURY		
NA	89	3001		C	REGULAR2	SELECTED	7028700	1977	1997 N	45	53	44 W	73	11	17	70	VERCHERES		
NA	89	3001		C	REGULAR3	SELECTED	7014160	1977	1997 N	45	53	44 W	73	11	17	70	L'ASSOMPTION CDA		
NA	89	3002		F	FIRST O.	SELECTED	7027320	1979	1997 N	45	36	42 W	73	41	3	125	ST HUBERT A		
NA	89	3002		C	ACTIVE	SELECTED	7020392	1979	1997 N	45	36	42 W	73	41	3	125	AUTEUIL		
NA	89	3002		C	REGULAR1	SELECTED	7025257	1979	1997 N	45	36	42 W	73	41	3	125	MONTREAL JAR BOT		
NA	89	3002		C	REGULAR2	SELECTED	7027110	1979	1997 N	45	36	42 W	73	41	3	125	STE DOROTHEE		
NA	89	3002		C	REGULAR3	SELECTED	7025267	1979	1997 N	45	36	42 W	73	41	3	125	MONTREAL LAFONTAINE		
NA	89	3015		F	FIRST O.	SELECTED	7027320	1980	1997 N	46	28	19 W	72	21	13	104	ST HUBERT A		
NA	89	3015		C	ACTIVE	SELECTED	7017585	1980	1997 N	46	28	19 W	72	21	13	104	ST NARCISSE		
NA	89	3015		C	REGULAR1	SELECTED	7011290	1980	1997 N	46	28	19 W	72	21	13	104	CHAMPLAIN		
NA	89	3015		C	REGULAR2	SELECTED	7016840	1980	1997 N	46	28	19 W	72	21	13	104	STE ANNE DE LA PERAD		
NA	89	3015		C	REGULAR3	SELECTED	7020570	1980	1997 N	46	28	19 W	72	21	13	104	BECANCOUR		
NA	89	3016		F	FIRST O.	SELECTED	7027320	1980	1997 N	46	33	54 W	72	14	8	55	ST HUBERT A		
NA	89	3016		C	ACTIVE	SELECTED	7016840	1980	1997 N	46	33	54 W	72	14	8	55	STE ANNE DE LA PERAD		
NA	89	3016		C	REGULAR1	SELECTED	7011290	1980	1997 N	46	33	54 W	72	14	8	55	CHAMPLAIN		
NA	89	3016		C	REGULAR2	SELECTED	7017585	1980	1997 N	46	33	54 W	72	14	8	55	ST NARCISSE		
NA	89	3016		C	REGULAR3	SELECTED	7022494	1980	1997 N	46	33	54 W	72	14	8	55	FORTIERVILLE		
NA	89	9018		F	FIRST O.	SELECTED	7027320	1975	1997 N	46	19	12 W	72	28	53	52	ST HUBERT A		
NA	89	9018		C	ACTIVE	SELECTED	701HE63	1975	1997 N	46	19	12 W	72	28	53	52	TROIS RIVIERES AQUED		
NA	89	9018		C	REGULAR1	SELECTED	7020570	1975	1997 N	46	19	12 W	72	28	53	52	BECANCOUR		
NA	89	9018		C	REGULAR2	SELECTED	7018564	1975	1997 N	46	19	12 W	72	28	53	52	TROIS RIVIERES		
NA	89	9018		C	REGULAR3	SELECTED	7025440	1975	1997 N	46	19	12 W	72	28	53	52	NICOLET		

## APPENDIX D. EarthInfo OUTPUT FILE FORMAT AND LTPP FILTER PROGRAM SPECIFICATIONS

This appendix contains the output file format to be followed by EarthInfo, Inc. for providing LTPP data extracted from the National Climatic Data Center (NCDC) and Canadian Climatic Center (CCC) databases. The output data shall be stored in five separate files in ASCII, separated by comma (CSV), format. Each file contains one or more data record types. Each data record type will be stored in a corresponding data table, either in the LTPP IMS or off-line on CD-ROMs. The following provides a summary description of file name, record type, table name, and storage location.

#	File Name	Description	Record Type	Data To Be Stored in Table	Storage Location
1	SITEINFO.TXT	Site and weather station location information	1	<i>CLM_SITE_VWS_LINK</i>	IMS
			2	<i>CLM_VWS_OWS_LINK</i>	
			3	<i>CLM_OWS_LOCATION</i>	
2	VWSSTATS.TXT	Computed parameters for virtual weather station, including monthly and annual statistics for temperature, humidity, precipitation, and wind data	11	<i>CLM_VWS_TEMP_MONTH</i>	IMS
			12	<i>CLM_VWS_HUMIDITY_MONTH</i>	
			13	<i>CLM_VWS_PRECIP_MONTH</i>	
			14	<i>CLM_VWS_WIND_MONTH</i>	
			21	<i>CLM_VWS_TEMP_ANNUAL</i>	
			22	<i>CLM_VWS_HUMIDITY_ANNUAL</i>	
			23	<i>CLM_VWS_PRECIP_ANNUAL</i>	
			24	<i>CLM_VWS_WIND_ANNUAL</i>	
3	VWSDAILY.TXT	Daily virtual weather station data	10	<i>CLM_VWS_DATA_DAILY</i>	Off-line CD-ROM
4	OWSDAILY.TXT	Daily weather station data	30	<i>CLM_OWS_DATA_DAILY</i>	Off-line CD-ROM
5	OVSSTATS.TXT	Computed parameters for operating weather station, including monthly and annual statistics for temperature, humidity, precipitation, and wind data	31	<i>CLM_OWS_TEMP_MONTH</i>	Off-line CD-ROM
			32	<i>CLM_OWS_HUMIDITY_MONTH</i>	
			33	<i>CLM_OWS_PRECIP_MONTH</i>	
			34	<i>CLM_OWS_WIND_MONTH</i>	
			41	<i>CLM_OWS_TEMP_ANNUAL</i>	
			42	<i>CLM_OWS_HUMIDITY_ANNUAL</i>	
			43	<i>CLM_OWS_PRECIP_ANNUAL</i>	
			44	<i>CLM_OWS_WIND_ANNUAL</i>	

Each line of data within these files represents a record defined by a record type. For example, record type 11 contains virtual weather station monthly air temperature statistics and calculated parameters. Each record contains multiple fields separated by a comma.

Symbols used in defining data fields are explained below:

- "C" indicates a Character  
Value after "C" indicates number of characters; e.g., C4 indicates field has four characters.
- "N" indicates a Number  
Value after "N" indicates number of digits, e.g., N3 indicates field uses integer number format with three digits; N3.1 indicates field uses floating number format with two digits excluding sign before decimal point and one digit after decimal point.
- "D" indicates a Date  
Date field uses "ddmmmyyyy" format with dd=day, mm=month, and yyyy=year, e.g., 26031998 indicates March 26, 1998.

Note: Field WEATHER\_STATION\_ID is defined as a code that uniquely identifies a weather station. For a weather station located in the United States, the code consists of a two-character State abbreviation, one zero, and a four-digit cooperative network index number from the National Climatic Data Center (NCDC), e.g., NV02573; for a weather station located in Canada, a code consists of seven characters, e.g., 4057120.

The following provides a detailed description of the record format for each table.

Table: ***CLM\_SITE\_VWS\_LINK***

1, N2, C4, C6  
a, b, c, d

	Field Name	Description	Units
a	Record Type 1	contains link between test site and associated virtual weather station	
b	STATE_CODE	State/Province code	
c	SHRP_ID	SHRP_ID for test site	
d	VWS_ID	Code that uniquely identifies virtual weather station. For GPS, code consists of STATE_CODE and SHRP_ID, e.g., 321020, where 32 is STATE_CODE and 1020 is SHRP_ID; for SPS, code consists of STATE_CODE and project-level SHRP_ID, e.g., 320200, where 32 is STATE_CODE and 0200 is project-level SHRP_ID.	

Table: ***CLM\_VWS\_OWS\_LINK***

2, C6, C7, N6, N4, N3  
 a, b, c, d, e, f

	Field Name	Description	Units
a	Record Type 2	contains link between virtual weather station and associated weather stations identified by National Climatic Data Center and Canadian Climatic Center	
b	VWS_ID	Code that uniquely identifies virtual weather station. For GPS, code consists of STATE_CODE and SHRP_ID, e.g., 321020, where 32 is STATE_CODE and 1020 is SHRP_ID; for SPS, code consists of STATE_CODE and project-level SHRP_ID, e.g., 320200, where 32 is STATE_CODE and 0200 is project-level SHRP_ID.	
c	WEATHER_STATION_ID	For weather station located in the United States, code consists of two-character State abbreviation, one zero, and four-digit cooperative network index number from National Climatic Data Center, e.g., NV02573; for weather station in Canada, code consists of seven characters, e.g., 4057120.	
d	DISTANCE	distance between weather station and test site	m
e	ELEVATION_DIFF	difference in elevation between weather station and test site	m
f	BEARING_TO_SITE	weather station's bearing to test site	degree

Table: ***CLM\_OWS\_LOCATION***

3, C7, C1, C24, C1, N2, N2, N2, C1, N3, N2, N2, N4, N4, N4  
 a, b, c, d, e, f, g, h, i, j, k, l, m, n, o

	Field Name	Description	Units
a	Record Type 3	location information for weather station identified by National Climatic Data Center and Canadian Climatic Center	
b	WEATHER_STATION_ID	For weather station located in the United States, code consists of two-character State abbreviation, one zero, and four-digit cooperative network index number from National Climatic Data Center, e.g., NV02573; for weather station in Canada, code consists of seven characters, e.g., 4057120.	
c	WS_TYPE	type of weather station (F=First Order, C=Cooperative)	
d	WS_NAME	name used to identify weather station	
e	LATITUDE_DIRECTION	latitude direction used (in conjunction with LATITUDE_DEG, LATITUDE_MIN, and LATITUDE_SEC) to identify location of weather station	
f	LATITUDE_DEG	latitude degree used (in conjunction with LATITUDE_DEG, LATITUDE_MIN, LATITUDE_SEC) to identify location of weather station	degree
g	LATITUDE_MIN	latitude minute used (in conjunction with LATITUDE_DEG, LATITUDE_MIN, LATITUDE_SEC) to identify location of weather station	min
h	LATITUDE_SEC	latitude second used (in conjunction with LATITUDE_DEG, LATITUDE_MIN, LATITUDE_SEC) to identify location of weather station	sec
i	LONGITUDE_DIRECTION	longitude direction used (in conjunction with LONGITUDE_DEG, LONGITUDE_MIN, LONGITUDE_SEC) to identify location of weather station	
j	LONGITUDE_DEG	longitude degree used (in conjunction with LONGITUDE_DEG, LONGITUDE_MIN, LONGITUDE_SEC) to identify location of weather station	degree
k	LONGITUDE_MIN	longitude minute used (in conjunction with LONGITUDE_DEG, LONGITUDE_MIN, LONGITUDE_SEC) to identify location of weather station	min
l	LONGITUDE_SEC	longitude second used (in conjunction with LONGITUDE_DEG, LONGITUDE_MIN, LONGITUDE_SEC) to identify location of weather station	sec
m	ELEVATION	elevation of weather station	m
n	START_YEAR	start year (depending on test site's age) when weather station data were extracted	
o	END_YEAR	end year (depending on test site's age) when weather station data were extracted	

Table: ***CLM\_VWS\_TEMP\_MONTH***

11, C6, N4, N2, N3.1, N3.1, N2, N3, N2, N2, N2, N1  
 a, b, c, d, e, f, g, h, i, j, k, l, m, n, o, p, q, r, s, t, u, v

	Field Name	Description	Units
a	Record Type 11	Virtual weather station monthly air temperature statistics and calculated parameters. The fields in this table are populated only when data for 24 or more days are available for month.	
b	VWS_ID	Code that uniquely identifies virtual weather station. For GPS, code consists of STATE_CODE and SHRP_ID, e.g., 321020, where 32 is STATE_CODE and 1020 is SHRP_ID; for SPS, code consists of STATE_CODE and project-level SHRP_ID, e.g., 320200, where 32 is STATE_CODE and 0200 is project-level SHRP_ID.	
c	YEAR	year for which VWS data were computed	
d	MONTH	month for which VWS data were computed	
e	MEAN_MON_TEMP_AVG	average of daily mean air temperatures for month	°C
f	MEAN_MON_TEMP_STDEV	standard deviation of daily mean air temperatures for month	°C
g	MEAN_MON_TEMP_DAYS	number of days for which mean air temperature data were available for month	
h	MAX_MON_TEMP_AVG	average of daily maximum air temperatures for month	°C
i	MAX_MON_TEMP_STDEV	standard deviation of daily maximum air temperatures for month	°C
j	MAX_MON_TEMP_DAYS	number of days for which maximum temperature data were available for month	
k	MIN_MON_TEMP_AVG	average of daily minimum air temperatures for month	°C
l	MIN_MON_TEMP_STDEV	standard deviation of daily minimum air temperatures for month	°C
m	MIN_MON_TEMP_DAYS	number of days for which minimum temperature data were available for month	
n	MAX_MON_TEMP	absolute maximum air temperature for month	°C
o	MIN_MON_TEMP	absolute minimum air temperature for month	°C
p	DAYS_ABOVE_32_C_MONTH	number of days where daily maximum air temperature is above 32.2°C for month	
q	DAYS_BELOW_0_C_MONTH	number of days where daily minimum air temperature is below 0°C for month	
r	FREEZE_INDEX_MONTH	calculated freezing index for month	°C-Days
s	FREEZE_INDEX_DAYS_MONTH	number of days for which air temperature data were available for computing freezing index for month	
t	FREEZE_THAW_MONTH	number of freeze-thaw cycles for month	
u	FREEZE_THAW_DAYS_MONTH	number of days for which air temperature data were available for computing freeze-thaw cycles for month	
v	MAX_CONTRIBUTE_WS_NO	maximum number of weather stations with information for any given parameter for month	

Table: ***CLM\_VWS\_HUMIDITY\_MONTH***

12, C6, N4, N2, N3, N3, N2, N3, N3, N2, N1  
 a, b, c, d, e, f, g, h, i, j, k

	Field Name	Description	Units
a	Record Type 12	Virtual weather station monthly humidity statistics and calculated parameters. The fields in this table are populated only when data for 24 or more days are available for month.	
b	VWS_ID	Code that uniquely identifies virtual weather station. For GPS, code consists of STATE_CODE and SHRP_ID, e.g., 321020, where 32 is STATE_CODE and 1020 is SHRP_ID; for SPS, code consists of STATE_CODE and project-level SHRP_ID, e.g., 320200, where 32 is STATE_CODE and 0200 is project-level SHRP_ID.	
c	YEAR	year for which VWS data were computed	
d	MONTH	month for which VWS data were computed	
e	MAX_MON_HUM_AVG	average of daily maximum relative humidity for month	%
f	MAX_MON_HUM_STDEV	standard deviation of daily maximum relative humidity for month	%
g	MAX_MON_HUM_DAYS	number of days for which maximum humidity data were available for month	
h	MIN_MON_HUM_AVG	average of daily minimum relative humidity for month	%
i	MIN_MON_HUM_STDEV	standard deviation of daily minimum relative humidity for month	%
j	MIN_MON_HUM_DAYS	number of days for which minimum humidity data were available for month	
k	MAX_CONTRIBUTE_WS_NO	maximum number of weather stations with information for any given parameter for month	

Table: ***CLM\_VWS\_PRECIP\_MONTH***

13, C6, N4, N2, N5.1, N2, N2, N2, N4, N1  
 a, b, c, d, e, f, g, h, i, j

	Field Name	Description	Units
a	Record Type 13	Virtual weather station monthly precipitation statistics and calculated parameters. The fields in this table are populated only when data for 24 or more days are available for month.	
b	VWS_ID	Code that uniquely identifies virtual weather station. For GPS, code consists of STATE_CODE and SHRP_ID, e.g., 321020, where 32 is STATE_CODE and 1020 is SHRP_ID; for SPS, code consists of STATE_CODE and project-level SHRP_ID, e.g., 320200, where 32 is STATE_CODE and 0200 is project-level SHRP_ID.	
c	YEAR	year for which VWS data were computed	
d	MONTH	month for which VWS data were computed	
e	TOTAL_MON_PRECIP	total precipitation for month	mm
f	INTENSE_PRECIP_DAYS_MONTH	number of days for which precipitation was greater than 12.7 mm for month	
g	WET_DAYS_MONTH	number of days for which precipitation was greater than 0.25 mm for month	
h	NUM_MON_PRECIP_DAYS	number of days for which precipitation data were available for month	
i	TOTAL_SNOWFALL_MONTH	total snowfall for month	mm
j	MAX_CONTRIBUTE_WS_NO	maximum number of weather stations with information for any given parameter for month	

Table: ***CLM\_VWS\_WIND\_MONTH***

14, C6, N4, N2, N3.1, N2, N3.1, N2, N1  
 a, b, c, d, e, f, g, h, i

	Field Name	Description	Units
a	Record Type 14	Virtual weather station monthly wind speed statistics and calculated parameters. The fields in this table are populated only when data for 24 or more days are available for month.	
b	VWS_ID	Code that uniquely identifies virtual weather station. For GPS, code consists of STATE_CODE and SHRP_ID, e.g., 321020, where 32 is STATE_CODE and 1020 is SHRP_ID; for SPS, code consists of STATE_CODE and project-level SHRP_ID, e.g., 320200, where 32 is STATE_CODE and 0200 is project-level SHRP_ID.	
c	YEAR	year for which VWS data were computed	
d	MONTH	month for which VWS data were computed	
e	MEAN_MON_WIND_AVG	average of daily mean wind speed for month	m/s
f	MEAN_MON_WIND_DAYS	number of days for which mean wind speed data were available for month	
g	MAX_MON_WIND_SPD	maximum gust wind speed for month	m/s
h	MAX_MON_WIND_DAYS	number of days for which maximum wind speed data were available for month	
i	MAX_CONTRIBUTE_WS_NO	maximum number of weather stations with information for any given parameter for month	

Table: ***CLM\_VWS\_TEMP\_ANNUAL***

21,C6,N4,N3.1,N3,N3.1,N3,N3.1,N3,N3.1,N3.1,N3,N3,N4,N3,N3,N3,N1  
 a, b, c, d, e, f, g, h, i, j, k, l, m, n, o, p, q, r

	Field Name	Description	Units
a	Record Type 21	Virtual weather station yearly air temperature statistics and calculated parameters. The fields in this table are populated only when data for 300 or more days are available for year.	
b	VWS_ID	Code that uniquely identifies virtual weather station. For GPS, code consists of STATE_CODE and SHRP_ID, e.g., 321020, where 32 is STATE_CODE and 1020 is SHRP_ID; for SPS, code consists of STATE_CODE and project-level SHRP_ID, e.g., 320200, where 32 is STATE_CODE and 0200 is project-level SHRP_ID.	
c	YEAR	year for which VWS data were computed	
d	MEAN_ANN_TEMP_AVG	average of daily mean air temperatures for year	°C
e	MEAN_ANN_TEMP_DAYS	number of days for which mean air temperature data were available for year	
f	MAX_ANN_TEMP_AVG	average of daily maximum air temperatures for year	°C
g	MAX_ANN_TEMP_DAYS	number of days for which maximum air temperature data were available for year	
h	MIN_ANN_TEMP_AVG	average of daily minimum air temperatures for year	°C
i	MIN_ANN_TEMP_DAYS	number of days for which minimum temperature data were available for year	
j	MAX_ANN_TEMP	absolute maximum air temperature for year	°C
k	MIN_ANN_TEMP	absolute minimum air temperature for year	°C
l	DAYS_ABOVE_32_C_YR	number of days where daily maximum air temperature is above 32.2°C for year	
m	DAYS_BELOW_0_C_YR	number of days where daily minimum air temperature is below 0°C for year	
n	FREEZE_INDEX_YR	calculated freezing index for year	°C-Days
o	FREEZE_INDEX_DAYS_YR	number of days for which air temperature data were available for computing freezing index for year	
p	FREEZE_THAW_YR	number of freeze-thaw cycles for year	
q	FREEZE_THAW_DAYS_YR	number of days for which temperature data were available for computing freeze-thaw cycles for year	
r	MAX_CONTRIBUTE_WS_NO	maximum number of weather stations with information for any given parameter for year	

Table: ***CLM\_VWS\_HUMIDITY\_ANNUAL***

22, C6, N4, N3, N3, N3, N3, N1  
 a, b, c, d, e, f, g, h

	Field Name	Description	Units
a	Record Type 22	Virtual weather station yearly humidity statistics and calculated parameters. The fields in this table are populated only when data for 300 or more days are available for year.	
b	VWS_ID	Code that uniquely identifies virtual weather station. For GPS, code consists of STATE_CODE and SHRP_ID, e.g., 321020, where 32 is STATE_CODE and 1020 is SHRP_ID; for SPS, code consists of STATE_CODE and project-level SHRP_ID, e.g., 320200, where 32 is STATE_CODE and 0200 is project-level SHRP_ID.	
c	YEAR	year for which VWS data were computed	
d	MAX_ANN_HUM_AVG	average of daily maximum relative humidity for year	%
e	MAX_ANN_HUM_DAYS	number of days for which maximum humidity data were available for year	
f	MIN_ANN_HUM_AVG	average of daily minimum relative humidity for year	%
g	MIN_ANN_HUM_DAYS	number of days for which minimum humidity data were available for year	
h	MAX_CONTRIBUTE_WS_NO	maximum number of weather stations with information for any given parameter for year	

Table: ***CLM\_VWS\_PRECIP\_ANNUAL***

23,C6,N4,N5.1,N3,N3,N3,N5,N3,N3,N1

a, b, c, d, e, f, g, h, i, j, k

	Field Name	Description	Units
a	Record Type 23	Virtual weather station yearly precipitation statistics and calculated parameters. The fields in this table are populated only when data for 300 or more days are available for year.	
b	VWS_ID	Code that uniquely identifies virtual weather station. For GPS, code consists of STATE_CODE and SHRP_ID, e.g., 321020, where 32 is STATE_CODE and 1020 is SHRP_ID; for SPS, code consists of STATE_CODE and project-level SHRP_ID, e.g., 320200, where 32 is STATE_CODE and 0200 is project-level SHRP_ID.	
c	YEAR	year for which VWS data were computed	
d	TOTAL_ANN_PRECIP	total precipitation for year	mm
e	INTENSE_PRECIP_DAYS_YR	number of days for which precipitation was greater than 12.7 mm for year	
f	WET_DAYS_YR	number of days for which precipitation was greater than 0.25 mm for year	
g	NUM_ANN_PRECIP_DAYS_YR	number of days for which precipitation data were available for year	
h	TOTAL_SNOWFALL_YR	total snowfall for year	mm
i	NUM_SNOWFALL_DAYS	number of days for which snowfall data were available for year	
j	SNOW_COVERED_DAYS_YR	number of days for which snow-covered data were available for year	
k	MAX_CONTRIBUTE_WS_NO	maximum number of weather stations with information for any given parameter for year	

Table: ***CLM\_VWS\_WIND\_ANNUAL***

24, C6, N4, N3.1, N3, N3.1, N3, N1  
 a, b, c, d, e, f, g, h

	Field Name	Description	Units
a	Record Type 24	Virtual weather station yearly wind speed statistics and calculated parameters. The fields in this table are populated only when data for 300 or more days are available for year.	
b	VWS_ID	Code that uniquely identifies virtual weather station. For GPS, code consists of STATE_CODE and SHRP_ID, e.g., 321020, where 32 is STATE_CODE and 1020 is SHRP_ID; for SPS, code consists of STATE_CODE and project-level SHRP_ID, e.g., 320200, where 32 is STATE_CODE and 0200 is project-level SHRP_ID.	
c	YEAR	year for which VWS data were computed	
d	MEAN_ANN_WIND_AVG	average of daily mean wind speed for year	m/s
e	MEAN_ANN_WIND_DAYS	number of days for which mean wind speed data were available for year	
f	MAX_ANN_WIND_SPD	maximum gust wind speed for year	m/s
g	MAX_ANN_WIND_DAYS	number of days for which maximum wind speed data were available for year	
h	MAX_CONTRIBUTE_WS_NO	maximum number of weather stations with information for any given parameter for year	

Table: ***CLM\_VWS\_DATA\_DAILY***

10, C6, D, N3.1, N3.1, N3.1, N3, N3, N5.1, N4, N3.1, N3.1, N1  
 a, b, c, d, e, f, g, h, i, j, k, l, m

	Field Name	Description	Units
a	Record Type 10	Virtual weather station daily data computed from daily operating weather station data	
b	VWS_ID	Code that uniquely identifies virtual weather station. For GPS, code consists of STATE_CODE and SHRP_ID, e.g., 321020, where 32 is STATE_CODE and 1020 is SHRP_ID; for SPS, code consists of STATE_CODE and project-level SHRP_ID, e.g., 320200, where 32 is STATE_CODE and 0200 is project-level SHRP_ID.	
c	VWS_DATE	date for which virtual daily data were computed from operating weather station data	
d	MEAN_DAY_TEMP	daily mean air temperature	°C
e	MAX_DAY_TEMP	daily maximum air temperature	°C
f	MIN_DAY_TEMP	daily minimum air temperature	°C
g	MAX_DAY_HUM	daily maximum relative humidity	%
h	MIN_DAY_HUM	daily minimum relative humidity	%
i	DAY_PRECIPITATION	daily precipitation	mm
j	DAY_SNOWFALL	daily snowfall	mm
k	MEAN_DAY_WIND_SPD	daily mean wind speed	m/s
l	MAX_DAY_WIND_SPD	maximum gust wind speed for day	m/s
m	MAX_CONTRIBUTE_WS_NO	maximum number of weather stations with information for any given parameter for day	

Table: ***CLM\_OWS\_DATA\_DAILY***

30, C7, D, N3.1, N3.1, N3.1, N3, N3, N5.1, N4, N3.1, N3.1  
 a, b, c, d, e, f, g, h, i, j, k, l

	Field Name	Description	Units
a	Record Type 30	daily data collected from weather station	
b	WEATHER_STATION_ID	For weather station located in the United States, code consists of two-character State abbreviation, one zero, and four-digit cooperative network index number from National Climatic Data Center, e.g., NV02573; for weather station in Canada, code consists of seven characters, e.g., 4057120.	
c	WS_DATE	date when weather station data were collected	
d	MEAN_DAY_TEMP	daily mean air temperature	°C
e	MAX_DAY_TEMP	daily maximum air temperature	°C
f	MIN_DAY_TEMP	daily minimum air temperature	°C
g	MAX_DAY_HUM	daily maximum relative humidity	%
h	MIN_DAY_HUM	daily minimum relative humidity	%
i	DAY_PRECIPITATION	daily precipitation	mm
j	DAY_SNOWFALL	daily snowfall	mm
k	MEAN_DAY_WIND_SPD	daily mean wind speed	m/s
l	MAX_DAY_WIND_SPD	maximum gust wind speed for day	m/s

Table: ***CLM\_OWS\_TEMP\_MONTH***

31, C7, N4, N2, N3.1, N3.1, N2, N3, N2, N2, N2  
 a, b, c, d, e, f, g, h, i, j, k, l, m, n, o, p, q, r, s, t, u

	Field Name	Description	Units
a	Record Type 31	Weather station monthly air temperature statistics and calculated parameters. The fields in this table are populated only when data for 24 or more days are available for month.	
b	WEATHER_STATION_ID	For weather station located in the United States, code consists of two-character State abbreviation, one zero, and four-digit cooperative network index number from National Climatic Data Center, e.g., NV02573; for weather station in Canada, code consists of seven characters, e.g., 4057120.	
c	YEAR	year when weather station data were collected	
d	MONTH	month when weather station data were collected	
e	MEAN_MON_TEMP_AVG	average of daily mean air temperatures for month	°C
f	MEAN_MON_TEMP_STDEV	standard deviation of daily mean air temperatures for month	°C
g	MEAN_MON_TEMP_DAYS	number of days for which mean air temperature data were collected for month	
h	MAX_MON_TEMP_AVG	average of daily maximum air temperatures for month	°C
i	MAX_MON_TEMP_STDEV	standard deviation of daily maximum air temperatures for month	°C
j	MAX_MON_TEMP_DAYS	number of days for which maximum air temperature data were collected for month	
k	MIN_MON_TEMP_AVG	average of daily minimum air temperatures for month	°C
l	MIN_MON_TEMP_STDEV	standard deviation of daily minimum air temperatures for month	°C
m	MIN_MON_TEMP_DAYS	number of days for which minimum air temperature data were collected for month	
n	MAX_MON_TEMP	absolute maximum air temperature for month	°C
o	MIN_MON_TEMP	absolute minimum air temperature for month	°C
p	DAYS_ABOVE_32_C_MONTH	number of days where daily maximum air temperature is above 32.2°C for month	
q	DAYS_BELOW_0_C_MONTH	number of days where daily minimum air temperature is below 0°C for month	
r	FREEZE_INDEX_MONTH	calculated freezing index for month	°C-Days
s	FREEZE_INDEX_DAYS_MONTH	number of days for which air temperature data were available for computing freezing index for month	
t	FREEZE_THAW_MONTH	number of freeze-thaw cycles for month	
u	FREEZE_THAW_DAYS_MONTH	number of days for which air temperature data were available for computing freeze-thaw cycles for month	

Table: ***CLM\_OWS\_HUMIDITY\_MONTH***

32, C7, N4, N2, N3, N3, N2, N3, N3, N2  
 a, b, c, d, e, f, g, h, i, j

	Field Name	Description	Units
a	Record Type 32	Weather station monthly humidity statistics and calculated parameters. The fields in this table are populated only when data for 24 or more days are available for month.	
b	WEATHER_STATION_ID	For weather station located in the United States, code consists of two-character State abbreviation, one zero, and four-digit cooperative network index number from National Climatic Data Center, e.g., NV02573; for weather station in Canada, code consists of seven characters, e.g., 4057120.	
c	YEAR	year when weather station data were collected	
d	MONTH	month when weather station data were collected	
e	MAX_MON_HUM_AVG	average of daily maximum relative humidity for month	%
f	MAX_MON_HUM_STDEV	standard deviation of daily maximum relative humidity for month	%
g	MAX_MON_HUM_DAYS	number of days for which maximum humidity data were collected for month	
h	MIN_MON_HUM_AVG	average of daily minimum relative humidity for month	%
i	MIN_MON_HUM_STDEV	standard deviation of daily minimum relative humidity for month	%
j	MIN_MON_HUM_DAYS	number of days for which minimum humidity data were collected for month	

Table: ***CLM\_OWS\_PRECIP\_MONTH***

33, C7, N4, N2, N5.1, N2, N2, N2, N4  
 a, b, c, d, e, f, g, h, i

	Field Name	Description	Units
a	Record Type 33	Weather station monthly precipitation statistics and calculated parameters. The fields in this table are populated only when data for 24 or more days are available for month.	
b	WEATHER_STATION_ID	For weather station located in the United States, code consists of two-character State abbreviation, one zero, and four-digit cooperative network index number from National Climatic Data Center, e.g., NV02573; for weather station in Canada, code consists of seven characters, e.g., 4057120.	
c	YEAR	year when weather station data were collected	
d	MONTH	month when weather station data were collected	
e	TOTAL_MON_PRECIP	total precipitation for month	mm
f	INTENSE_PRECIP_DAYS_MONTH	number of days for which precipitation was greater than 12.7 mm for month	
g	WET_DAYS_MONTH	number of days for which precipitation was greater than 0.25 mm for month	
h	NUM_MON_PRECIP_DAYS_MONTH	number of days for which precipitation data were collected for month	
i	TOTAL_SNOWFALL_MONTH	total snowfall in this month	mm

Table: ***CLM\_OWS\_WIND\_MONTH***

34, C7, N4, N2, N3.1, N2, N3.1, N2  
 a, b, c, d, e, f, g, h

	Field Name	Description	Units
a	Record Type 34	Weather station monthly wind speed statistics and calculated parameters. The fields in this table are populated only when data for 24 or more days are available for month.	
b	WEATHER_STATION_ID	For weather station located in the United States, code consists of two-character State abbreviation, one zero, and four-digit cooperative network index number from National Climatic Data Center, e.g., NV02573; for weather station in Canada, code consists of seven characters, e.g., 4057120.	
c	YEAR	year when weather station data were collected	
d	MONTH	month when weather station data were collected	
e	MEAN_MON_WIND_AVG	average of daily mean wind speed for month	m/s
f	MEAN_MON_WIND_DAYS	number of days for which mean wind speed data were collected for month	
g	MAX_MON_WIND_SPD	maximum gust wind speed for month	m/s
h	MAX_MON_WIND_DAYS	number of days for which maximum wind speed data were collected for month	

Table: ***CLM\_OWS\_TEMP\_ANNUAL***

41, C7, N4, N3.1, N3, N3.1, N3, N3.1, N3, N3.1, N3, N3, N3, N4, N3, N3, N3  
 a, b, c, d, e, f, g, h, i, j, k, l, m, n, o, p, q

	Field Name	Description	Units
a	Record Type 41	Weather station yearly air temperature statistics and calculated parameters. The fields in this table are populated only when data for 300 or more days are available for year.	
b	WEATHER_STATION_ID	For weather station located in the United States, code consists of two-character State abbreviation, one zero, and four-digit cooperative network index number from National Climatic Data Center, e.g., NV02573; for weather station in Canada, code consists of seven characters, e.g., 4057120.	
c	YEAR	year when weather station data were collected	
d	MEAN_ANN_TEMP_AVG	average of daily mean air temperatures for year	°C
e	MEAN_ANN_TEMP_DAYS	number of days for which mean air temperature data were collected for year	
f	MAX_ANN_TEMP_AVG	average of daily maximum air temperatures for year	°C
g	MAX_ANN_TEMP_DAYS	number of days for which maximum air temperature data were collected for year	
h	MIN_ANN_TEMP_AVG	average of daily minimum air temperature for year	°C
i	MIN_ANN_TEMP_DAYS	number of days for which minimum temperature data were collected for year	
j	MAX_ANN_TEMP	absolute maximum air temperature for year	°C
k	MIN_ANN_TEMP	absolute minimum air temperature for year	°C
l	DAYS_ABOVE_32_C_YR	number of days where daily maximum air temperature is above 32.2°C for year	
m	DAYS_BELOW_0_C_YR	number of days where daily minimum air temperature is below 0°C for year	
n	FREEZE_INDEX_YR	calculated freezing index for year	°C-Days
o	FREEZE_INDEX_DAYS_YR	number of days for which air temperature data were available for computing freezing index for year	
p	FREEZE_THAW_YR	number of freeze-thaw cycles for year	
q	FREEZE_THAW_DAYS_YR	number of days for which air temperature data were available for computing freeze-thaw cycles for year	

Table: ***CLM\_OWS\_HUMIDITY\_ANNUAL***

42, C7, N4, N3, N3, N3, N3  
 a, b, c, d, e, f, g

	Field Name	Description	Units
a	Record Type 42	Weather station yearly humidity statistics and calculated parameters. The fields in this table are populated only when data for 300 or more days are available for year.	
b	WEATHER_STATION_ID	For weather station located in the United States, code consists of two-character State abbreviation, one zero, and four-digit cooperative network index number from National Climatic Data Center, e.g., NV02573; for weather station in Canada, code consists of seven characters, e.g., 4057120.	
c	YEAR	year when weather station data were collected	
d	MAX_ANN_HUM_AVG	average of daily maximum relative humidity for year	%
e	MAX_ANN_HUM_DAYS	number of days for which maximum humidity data were collected for year	
f	MIN_ANN_HUM_AVG	average of daily minimum relative humidity for year	%
g	MIN_ANN_HUM_DAYS	number of days for which minimum humidity data were collected for year	

Table: ***CLM\_OWS\_PRECIP\_ANNUAL***

43, C7, N4, N5.1, N3, N3, N3, N5, N3, N3  
 a, b, c, d, e, f, g, h, i, j

	Field Name	Description	Units
a	Record Type 43	Weather station yearly precipitation statistics and calculated parameters. The fields in this table are populated only when data for 300 or more days are available for year.	
b	WEATHER_STATION_ID	For weather station located in the United States, code consists of two-character State abbreviation, one zero, and four-digit cooperative network index number from National Climatic Data Center, e.g., NV02573; for weather station in Canada, code consists of seven characters, e.g., 4057120.	
c	YEAR	year when weather station data were collected	
d	TOTAL_ANN_PRECIP	total precipitation for year	mm
e	INTENSE_PRECIP_DAYS_YR	number of days for which precipitation was greater than 12.7 mm for year	
f	WET_DAYS_YR	number of days for which precipitation was greater than 0.25 mm for year	
g	NUM_ANN_PRECIP_DAYS	number of days for which precipitation data were collected for year	
h	TOTAL_SNOWFALL_YR	total snowfall for year	mm
i	NUM_SNOWFALL_DAYS_YR	number of days for which snowfall data were collected for year	
j	SNOW_COVERED_DAYS_YR	number of days for which snow-covered data were collected for year	

Table: ***CLM\_OWS\_WIND\_ANNUAL***

44, C7, N4, N3.1, N3, N3.1, N3  
 a, b, c, d, e, f, g

	Field Name	Description	Units
a	Record Type 44	Weather station yearly wind speed statistics and calculated parameters. The fields in this table are populated only when data for 300 or more days are available for year.	
b	WEATHER_STATION_ID	For weather station located in the United States, code consists of two-character State abbreviation, one zero, and four-digit cooperative network index number from National Climatic Data Center, e.g., NV02573; for weather station in Canada, code consists of seven characters, e.g., 4057120.	
c	YEAR	year when weather station data were collected	
d	MEAN_ANN_WIND_AVG	average of daily mean wind speed for year	m/s
e	MEAN_ANN_WIND_DAYS	number of days for which mean wind speed data were collected for year	
f	MAX_ANN_WIND_SPD	maximum gust wind speed for year	m/s
g	MAX_ANN_WIND_DAYS	number of days for which maximum wind speed data were collected for year	

## APPENDIX E. VIRTUAL WEATHER STATION DATA QUALITY CONTROL SPECIFICATIONS

This appendix contains quality control (QC) specifications for tables for storage of essential information on the test site, virtual weather station (VWS), and operating weather station (OWS) location data, as well as virtual weather station monthly and annual statistical climatic data computed from weather station data. QC specifications have been developed only for data that are to be stored in the LTPP-IMS database.

### **Minimum Data Elements (C-Level Checks)**

In the "condition" field, x indicates data element is always required.

Field	Condition
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Table: ***CLM\_VWS\_OLS\_LINK***

DISTANCE	x
ELEVATION_DIFF	x
BEARING_TO_SITE	x

Table: ***CLM\_OWS\_LOCATION***

WS_TYPE	x
WS_NAME	x
LATITUDE_DIRECTION	x
LATITUDE_DEG	x
LATITUDE_MIN	x
LATITUDE_SEC	x
LONGITUDE_DIRECTION	x
LONGITUDE_DEG	x
LONGITUDE_MIN	x
LONGITUDE_SEC	x
ELEVATION	x
START_YEAR	x
END_YEAR	x

Table: ***CLM\_VWS\_TEMP\_MONTH***

MEAN_MON_TEMP_AVG	required if MEAN_MON_TEMP_DAYS ≥ 24
MEAN_MON_TEMP_STDEV	required if MEAN_MON_TEMP_DAYS ≥ 24
MEAN_MON_TEMP_DAYS	x

MAX_MON_TEMP_AVG	required if MAX_MON_TEMP_DAYS ≥ 24
MAX_MON_TEMP_STDEV	required if MAX_MON_TEMP_DAYS ≥ 24
MAX_MON_TEMP_DAYS	x
MIN_MON_TEMP_AVG	required if MIN_MON_TEMP_DAYS ≥ 24
MIN_MON_TEMP_STDEV	required if MIN_MON_TEMP_DAYS ≥ 24
MIN_MON_TEMP_DAYS	x
MAX_MON_TEMP	required if MAX_MON_TEMP_DAYS ≥ 24
MIN_MON_TEMP	required if MIN_MON_TEMP_DAYS ≥ 24
DAYS_ABOVE_32_C_MONTH	required if MAX_MON_TEMP_DAYS ≥ 24
DAYS_BELOW_0_C_MONTH	required if MIN_MON_TEMP_DAYS ≥ 24
FREEZE_INDEX_MONTH	required if FREEZE_INDEX_DAYS_MONTH ≥ 24
FREEZE_INDEX_DAYS_MONTH	x
FREEZE_THAW_MONTH	required if FREEZE_THAW_DAYS_MONTH ≥ 24
FREEZE_THAW_DAYS_MONTH	x
MAX_CONTRIBUTE_WS_NO	x

Table: ***CLM\_VWS\_HUMIDITY\_MONTH***

MAX_MON_HUM_AVG	required if MAX_MON_HUM_DAYS ≥ 24
MAX_MON_HUM_STDEV	required if MAX_MON_HUM_DAYS ≥ 24
MAX_MON_HUM_DAYS	x
MIN_MON_HUM_AVG	required if MIN_MON_HUM_DAYS ≥ 24
MIN_MON_HUM_STDEV	required if MIN_MON_HUM_DAYS ≥ 24
MIN_MON_HUM_DAYS	x
MAX_CONTRIBUTE_WS_NO	x

Table: ***CLM\_VWS\_PRECIP\_MONTH***

TOTAL_MON_PRECIP	required if NUM_MON_PRECIP_DAYS ≥ 24
INTENSE_PRECIP_DAYS_MONTH	required if NUM_MON_PRECIP_DAYS ≥ 24
WET_DAYS_MONTH	required if NUM_MON_PRECIP_DAYS ≥ 24
NUM_MON_PRECIP_DAYS	x
MAX_CONTRIBUTE_WS_NO	x

Table: ***CLM\_VWS\_WIND\_MONTH***

MEAN_MON_WIND_AVG	required if MEAN_MON_WIND_DAYS ≥ 24
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MEAN_MON_WIND_DAYS	x
MAX_MON_WIND_SPD	required if MAX_MON_WIND_DAYS ≥ 24
MAX_MON_WIND_DAYS	x
MAX_CONTRIBUTE_WS_NO	x

Table: ***CLM\_VWS\_TEMP\_ANNUAL***

MEAN ANN TEMP AVG	required if MEAN ANN TEMP DAYS ≥ 300
MEAN ANN TEMP DAYS	x
MAX ANN TEMP AVG	required if MAX ANN TEMP DAYS ≥ 300
MAX ANN TEMP DAYS	x
MIN ANN TEMP AVG	required if MIN ANN TEMP DAYS ≥ 300
MIN ANN TEMP DAYS	x
MAX ANN TEMP	required if MAX ANN TEMP DAYS ≥ 300
MIN ANN TEMP	required if MIN ANN TEMP DAYS ≥ 300
DAYS ABOVE 32 C YR	required if MAX ANN TEMP DAYS ≥ 300
DAYS BELOW 0 C YR	required if MIN ANN TEMP DAYS ≥ 300
FREEZE INDEX YR	required if FREEZE INDEX DAYS YR ≥ 300
FREEZE INDEX DAYS YR	x
FREEZE THAW YR	required if FREEZE THAW DAYS YR ≥ 300
FREEZE THAW DAYS YR	x
MAX CONTRIBUTE WS NO	x

Table: ***CLM\_VWS\_HUMIDITY\_ANNUAL***

MAX ANN HUM AVG	required if MAX ANN HUM DAYS ≥ 300
MAX ANN HUM DAYS	x
MIN ANN HUM AVG	required if MIN ANN HUM DAYS ≥ 300
MIN ANN HUM DAYS	x
MAX CONTRIBUTE WS NO	x

Table: ***CLM\_VWS\_PRECIP\_ANNUAL***

TOTAL ANN PRECIP	required if NUM ANN PRECIP DAYS ≥ 300
INTENSE PRECIP DAYS YR	required if NUM ANN PRECIP DAYS ≥ 300
WET DAYS YR	required if NUM ANN PRECIP DAYS ≥ 300
NUM ANN PRECIP DAYS	x

MAX_CONTRIBUTE_WS_NO	x
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Table: ***CLM\_VWS\_WIND\_ANNUAL***

MEAN_ANN_WIND_AVG	required if MEAN_ANN_WIND_DAYS ≥ 300
MEAN_ANN_WIND_DAYS	x
MAX_ANN_WIND_SPD	required if MAX_ANN_WIND_DAYS ≥ 300
MAX_ANN_WIND_DAYS	x
MAX_CONTRIBUTE_WS_NO	x

## Expanded Range Checks (D-Level Checks)

### *CLM\_VWS\_OWS\_LINK*

Field Name	Units	Range
DISTANCE	m	0 to 200000
ELEVATION_DIFF	m	0 to 1000
BEARING_TO_SITE	degree	0 to 360

### *CLM\_OWS\_LOCATION*

Field Name	Units	Range
WS_TYPE		F or C
LATITUDE_DIRECTION		N
LATITUDE_DEG	degree	15 to 75
LATITUDE_MIN	min	0 to 59
LATITUDE_SEC	sec	0 to 59
LONGITUDE_DIRECTION		W
LONGITUDE_DEG	degree	45 to 180
LONGITUDE_MIN	min	0 to 59
LONGITUDE_SEC	sec	0 to 59
ELEVATION	m	-50 to 3000
START_YEAR		1925 to 1997
END_YEAR		1925 to 1997

### ***CLM\_VWS\_TEMP\_MONTH***

Field Name	Units	Range
MONTH		1 to 12
MEAN_MON_TEMP_AVG	°C	-50.0 to 50.0
MEAN_MON_TEMP_DAYS		0 to days in month
MAX_MON_TEMP_AVG	°C	-50.0 to 50.0
MAX_MON_TEMP_DAYS		0 to days in month
MIN_MON_TEMP_AVG	°C	-50.0 to 50.0
MIN_MON_TEMP_DAYS		0 to days in month
MAX_MON_TEMP	°C	-50.0 to 50.0
MIN_MON_TEMP	°C	-50.0 to 50.0
DAYS_ABOVE_32_C_MONTH		0 to days in month
DAYS_BELOW_0_C_MONTH		0 to days in month
FREEZE_INDEX_MONTH	°C-Days	0 to 900
FREEZE_INDEX_DAYS_MONTH		0 to days in month
FREEZE_THAW_MONTH	cycle	0 to 99
FREEZE_THAW_DAYS_MONTH		0 to days in month
MAX_CONTRIBUTE_WS_NO		1 to 5

### ***CLM\_VWS\_HUMIDITY\_MONTH***

Field Name	Units	Range
MONTH		1 to 12
MAX_MON_HUM_AVG	%	0 to 100
MAX_MON_HUM_DAYS		0 to days in month
MIN_MON_HUM_AVG	%	0 to 100
MIN_MON_HUM_DAYS		0 to days in month
MAX_CONTRIBUTE_WS_NO		1 to 5

***CLM\_VWS\_PRECIP\_MONTH***

Field Name	Units	Range
MONTH		1 to 12
TOTAL_MON_PRECIP	mm	0.0 to 1000.0
INTENSE_PRECIP_DAYS_MONTH		0 to days in month
WET_DAYS_MONTH		0 to days in month
NUM_MON_PRECIP_DAYS		0 to days in month
TOTAL_SNOWFALL_MONTH	mm	0 to 5000
MAX_CONTRIBUTE_WS_NO		1 to 5

***CLM\_VWS\_WIND\_MONTH***

Field Name	Units	Range
MONTH		1 to 12
MEAN_MON_WIND_AVG	m/s	0.0 to 20.0
MEAN_MON_WIND_DAYS		0 to days in month
MAX_MON_WIND_SPD	m/s	0.0 to 40.0
MAX_MON_WIND_DAYS		0 to days in month
MAX_CONTRIBUTE_WS_NO		1 to 5

### ***CLM\_VWS\_TEMP\_ANNUAL***

Field Name	Units	Range
MEAN_ANN_TEMP_AVG	°C	-50.0 to 50.0
MEAN_ANN_TEMP_DAYS		0 to days in year
MAX_ANN_TEMP_AVG	°C	-50.0 to 50.0
MAX_ANN_TEMP_DAYS		0 to days in year
MIN_ANN_TEMP_AVG	°C	-50.0 to 50.0
MIN_ANN_TEMP_DAYS		0 to days in year
MAX_ANN_TEMP	°C	-50.0 to 50.0
MIN_ANN_TEMP	°C	-50.0 to 50.0
DAYS_ABOVE_32_C_YR		0 to days in year
DAYS_BELOW_0_C_YR		0 to days in year
FREEZE_INDEX_YR	°C-Days	0 to 5000
FREEZE_INDEX_DAYS_YR		0 to days in year
FREEZE_THAW_YR	cycle	0 to 999
FREEZE_THAW_DAYS_YR		0 to days in year
MAX_CONTRIBUTE_WS_NO		1 to 5

### ***CLM\_VWS\_HUMIDITY\_ANNUAL***

Field Name	Units	Range
MAX_ANN_HUM_AVG	%	0 to 100
MAX_ANN_HUM_DAYS		0 to days in year
MIN_ANN_HUM_AVG	%	0 to 100
MIN_ANN_HUM_DAYS		0 to days in year
MAX_CONTRIBUTE_WS_NO		1 to 5

***CLM\_VWS\_PRECIP\_ANNUAL***

Field Name	Units	Range
TOTAL_ANN_PRECIP	mm	0.0 to 3000.0
INTENSE_PRECIP_DAYS_YR		0 to days in year
WET_DAYS_YR		0 to days in year
NUM_ANN_PRECIP_DAYS		0 to days in year
TOTAL_SNOWFALL_YR	mm	0 to 10000
NUM_SNOWFALL_DAYS_YR		0 to days in year
SNOW_COVERED_DAYS_YR		0 to days in year
MAX_CONTRIBUTE_WS_NO		1 to 5

***CLM\_VWS\_WIND\_ANNUAL***

Field Name	Units	Range
MEAN_ANN_WIND_AVG	m/s	0.0 to 20.0
MEAN_ANN_WIND_DAYS		0 to days in year
MAX_ANN_WIND_SPD	m/s	0.0 to 40.0
MAX_ANN_WIND_DAYS		0 to days in year
MAX_CONTRIBUTE_WS_NO		1 to 5

## Intramodular Checks (E-Level Checks)

Table: ***CLM\_VWS\_TEMP\_MONTH***

- If MEAN\_MON\_TEMP\_DAYS < 24 then
  - MEAN\_MON\_TEMP\_AVG must be null
  - MEAN\_MON\_TEMP\_STDEV must be null
- Else
  - MEAN\_MON\_TEMP\_AVG must be non-null
  - MEAN\_MON\_TEMP\_STDEV must be non-null
- End if
- If MAX\_MON\_TEMP\_DAYS < 24 then
  - MAX\_MON\_TEMP\_AVG must be null
  - MAX\_MON\_TEMP\_STDEV must be null
  - DAYS\_ABOVE\_32\_C\_MONTH must be null
  - MAX\_MON\_TEMP must be null
- Else
  - MAX\_MON\_TEMP\_AVG must be non-null
  - MAX\_MON\_TEMP\_STDEV must be non-null
  - DAYS\_ABOVE\_32\_C\_MONTH must be non-null
  - MAX\_MON\_TEMP must be non-null
- End if
- If MIN\_MON\_TEMP\_DAYS < 24 then
  - MIN\_MON\_TEMP\_AVG must be null
  - MIN\_MON\_TEMP\_STDEV must be null
  - DAYS\_BELOW\_0\_C\_MONTH must be null
  - MIN\_MON\_TEMP must be null
- Else
  - MIN\_MON\_TEMP\_AVG must be non-null
  - MIN\_MON\_TEMP\_STDEV must be non-null
  - DAYS\_BELOW\_0\_C\_MONTH must be non-null
  - MIN\_MON\_TEMP must be non-null
- End if
- If FREEZE\_INDEX\_DAYS\_MONTH < 24 then
  - FREEZE\_INDEX\_MONTH must be null
- Else
  - FREEZE\_INDEX\_MONTH must be non-null
- End if
- If FREEZE\_THAW\_DAYS\_MONTH < 24 then
  - FREEZE\_THAW\_MONTH must be null
- Else
  - FREEZE\_THAW\_MONTH must be non-null
- End if
- MIN\_MON\_TEMP\_AVG ≤ MEAN\_MON\_TEMP\_AVG ≤ MAX\_MON\_TEMP\_AVG
- DAYS\_ABOVE\_32\_C\_MONTH ≤ MAX\_MON\_TEMP\_DAYS
- DAYS\_BELOW\_0\_C\_MONTH ≤ MIN\_MON\_TEMP\_DAYS

Table: ***CLM\_VWS\_HUMIDITY\_MONTH***

- If MAX\_MON\_HUM\_DAYS < 24 then
    - MAX\_MON\_HUM\_AVG must be null
    - MAX\_MON\_HUM\_STDEV must be null
  - Else
    - MAX\_MON\_HUM\_AVG must be non-null
    - MAX\_MON\_HUM\_STDEV must be non-null
  - End if
- If MIN\_MON\_HUM\_DAYS < 24 then
    - MIN\_MON\_HUM\_AVG must be null
    - MIN\_MON\_HUM\_STDEV must be null
  - Else
    - MIN\_MON\_HUM\_AVG must be non-null
    - MIN\_MON\_HUM\_STDEV must be non-null
  - End if

Table: ***CLM\_VWS\_PRECIP\_MONTH***

- If NUM\_MON\_PRECIP\_DAYS < 24 then
    - TOTAL\_MON\_PRECIP must be null
    - INTENSE\_PRECIP\_DAYS\_MONTH must be null
    - WET\_DAYS\_MONTH must be null
    - TOTAL\_SNOWFALL\_MONTH must be null
  - Else
    - TOTAL\_MON\_PRECIP must be non-null
    - INTENSE\_PRECIP\_DAYS\_MONTH must be non-null
    - WET\_DAYS\_MONTH must be non-null
    - TOTAL\_SNOWFALL\_MONTH must be non-null
  - End if
- INTENSE\_PRECIP\_DAYS\_MONTH ≤ WET\_DAYS\_MONTH  
≤ NUM\_MON\_PRECIP\_DAYS

Table: ***CLM\_VWS\_WIND\_MONTH***

- If MEAN\_MON\_WIND\_DAYS < 24 then
    - MEAN\_MON\_WIND\_AVG must be null
  - Else
    - MEAN\_MON\_WIND\_AVG must be non-null
  - End if
- If MAX\_MON\_WIND\_DAYS < 24 then
    - MAX\_MON\_WIND\_SPD must be null
  - Else
    - MAX\_MON\_WIND\_SPD must be non-null

End if

- MEAN\_MON\_WIND\_AVG ≤ MAX\_MON\_WIND\_SPD

Table: ***CLM\_VWS\_TEMP\_ANNUAL***

- If MEAN\_ANN\_TEMP\_DAYS < 300 then
  - MEAN\_ANN\_TEMP\_AVG must be null
  - MEAN\_ANN\_TEMP\_STDEV must be null
- Else
  - MEAN\_ANN\_TEMP\_AVG must be non-null
  - MEAN\_ANN\_TEMP\_STDEV must be non-null
- End if
- If MAX\_ANN\_TEMP\_DAYS < 300 then
  - MAX\_ANN\_TEMP\_AVG must be null
  - MAX\_ANN\_TEMP\_STDEV must be null
  - DAYS\_ABOVE\_32\_C\_YR must be null
  - MAX\_ANN\_TEMP must be null
- Else
  - MAX\_ANN\_TEMP\_AVG must be non-null
  - MAX\_ANN\_TEMP\_STDEV must be non-null
  - DAYS\_ABOVE\_32\_C\_YR must be non-null
  - MAX\_ANN\_TEMP must be non-null
- End if
- If MIN\_ANN\_TEMP\_DAYS < 300 then
  - MIN\_ANN\_TEMP\_AVG must be null
  - MIN\_ANN\_TEMP\_STDEV must be null
  - DAYS\_BELOW\_0\_C\_YR must be null
  - MIN\_ANN\_TEMP must be null
- Else
  - MIN\_ANN\_TEMP\_AVG must be non-null
  - MIN\_ANN\_TEMP\_STDEV must be non-null
  - DAYS\_BELOW\_0\_C\_YR must be non-null
  - MIN\_ANN\_TEMP must be non-null
- End if
- If FREEZE\_INDEX\_DAYS\_YR < 300 then
  - FREEZE\_INDEX\_YR must be null
- Else
  - FREEZE\_INDEX\_YR must be non-null
- End if
- If FREEZE\_THAW\_DAYS\_YR < 300 then
  - FREEZE\_THAW\_YR must be null
- Else
  - FREEZE\_THAW\_YR must be non-null
- End if

- $\text{MIN\_ANN\_TEMP\_AVG} \leq \text{MEAN\_ANN\_TEMP\_AVG} \leq \text{MAX\_ANN\_TEMP\_AVG}$
- $\text{DAYS\_ABOVE\_32\_C\_YR} \leq \text{MAX\_ANN\_TEMP\_DAYS}$
- $\text{DAYS\_BELOW\_0\_C\_YR} \leq \text{MIN\_ANN\_TEMP\_DAYS}$

Table: ***CLM\_VWS\_HUMIDITY\_ANNUAL***

- If  $\text{MAX\_ANN\_HUM\_DAYS} < 300$  then
  - $\text{MAX\_ANN\_HUM\_AVG}$  must be null
  - $\text{MAX\_ANN\_HUM\_STDEV}$  must be null
 Else
  - $\text{MAX\_ANN\_HUM\_AVG}$  must be non-null
  - $\text{MAX\_ANN\_HUM\_STDEV}$  must be non-null
 End if
- If  $\text{MIN\_ANN\_HUM\_DAYS} < 300$  then
  - $\text{MIN\_ANN\_HUM\_AVG}$  must be null
  - $\text{MIN\_ANN\_HUM\_STDEV}$  must be null
 Else
  - $\text{MIN\_ANN\_HUM\_AVG}$  must be non-null
  - $\text{MIN\_ANN\_HUM\_STDEV}$  must be non-null
 End if

Table: ***CLM\_VWS\_PRECIP\_ANNUAL***

- If  $\text{NUM\_ANN\_PRECIP\_DAYS} < 300$  then
  - $\text{TOTAL\_ANN\_PRECIP}$  must be null
  - $\text{INTENSE\_PRECIP\_DAYS\_YR}$  must be null
  - $\text{WET\_DAYS\_YR}$  must be null
 Else
  - $\text{TOTAL\_ANN\_PRECIP}$  must be non-null
  - $\text{INTENSE\_PRECIP\_DAYS\_YR}$  must be non-null
  - $\text{WET\_DAYS\_YR}$  must be non-null
 End if
- If  $\text{NUM\_SNOWFALL\_DAYS\_YR} < 300$  then
  - $\text{TOTAL\_SNOWFALLS\_YR}$  must be null
 Else
  - $\text{TOTAL\_SNOWFALLS\_YR}$  must be non-null
 End if
- $\text{INTENSE\_PRECIP\_DAYS\_YR} \leq \text{WET\_DAYS\_YR} \leq \text{NUM\_ANN\_PRECIP\_DAYS}$

Table: ***CLM\_VWS\_WIND\_ANNUAL***

- If  $\text{MEAN\_ANN\_WIND\_DAYS} < 300$  then
  - $\text{MAX\_ANN\_WIND\_AVG}$  must be null
 Else

- MAX\_ANN\_WIND\_AVG must be non-null
- End if
- If MAX\_ANN\_WIND\_DAYS < 300 then
  - MAX\_ANN\_WIND\_SPD must be null
- Else
  - MAX\_ANN\_WIND\_SPD must be non-null
- End if
- MEAN\_ANN\_WIND\_AVG ≤ MAX\_ANN\_WIND\_SPD