

STATION: 46029

1 - MONTHLY AND ANNUAL FREQUENCY AND CUMULATIVE PERCENT FREQUENCY (10THS)

ELEMENT: AIR TEMPERATURE (DEGREES C) -- POR: (3/1984 - 12/2001) (82450 RECORDS, 93.3% HAVE ELEMENT)

Table with columns for months (JAN-DEC) and ANN, and rows for various values including 23, 22, 21, 20, 19, 18, 17, 16, 15, 14, 13, 12, 11, 10, 9, 8, 7, 6, 5, 4, 3, 2, 1, 0, -1, -2, MEAN, S.D., TOTAL, and MAX.

STATION: 46029

1 - MONTHLY AND ANNUAL FREQUENCY AND CUMULATIVE PERCENT FREQUENCY (10THS)

ELEMENT: SEA TEMPERATURE (DEGREES C) -- POR: (3/1984 - 12/2001) (80749 RECORDS, 91.4% HAVE ELEMENT)

Table with columns for months (JAN-DEC) and ANN, and rows for various values including 23, 22, 21, 20, 19, 18, 17, 16, 15, 14, 13, 12, 11, 10, 9, 8, 7, 6, 5, 4, 3, MEAN, S.D., TOTAL, and MAX.

(A) TOTAL STDMET RECORDS READ = 88369
 (B) TOTAL CWIND RECORDS READ = 0
 (C) TOTAL RECORDS USED IN STATS = 88369

| | AIR TMP | SEA TMP | AIR-SEA | DEWPT | SLP | AVWS | PKGS-8M | PKGS-5S | SIGWVHT | AVWVPD | DWVPD | VSBY |
|-------------------------------|---------|---------|---------|-------|-------|-------|---------|---------|---------|--------|-------|-------|
| (D) ELEMENT RECORDS AVAILABLE | 82450 | 80749 | 77266 | 8962 | 86852 | 82407 | 80551 | 0 | 81299 | 81011 | 81296 | 0 |
| (E) ELEMENT OUT OF RANGE | 5919 | 7620 | 11103 | 79407 | 1517 | 5962 | 7818 | 0 | 7070 | 7358 | 7073 | 88369 |

STATION: 46029 -- POR (3/1984 - 12/2001)

2 - MEANS & EXTREMES BASED ON HOURLY (GMT) OBSERVATIONS -- MONTHLY & ANNUAL BY YEAR

ELEMENT: AIR TEMPERATURE (DEGREES C)

| YEAR | ELEMENT | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN | |
|------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|
| 1984 | MEAN | - | - | 9.0 | 9.1 | 10.9 | 12.4 | 13.2 | 15.2 | 14.8 | 11.6 | 10.2 | 6.7 | 11.5 | |
| | MAXIMUM | - | - | 13.2 | 13.9 | 16.0 | 16.2 | 17.0 | 18.6 | 20.2 | 16.6 | 13.8 | 11.7 | 20.2 | |
| | DAY-HR | - | - | 30-22 | 14-19 | 28-21 | 26-01 | 22-20 | 22-22 | 15-00 | 08-00 | 02-11 | 08-02 | SEP | |
| | MINIMUM | - | - | 6.8 | 5.2 | 7.7 | 9.7 | 9.3 | 12.3 | 8.9 | 6.7 | 5.3 | 0.4 | 0.4 | |
| | DAY-HR | - | - | 30-13 | 24-15 | 05-15 | 06-10 | 23-09 | 02-10 | 24-16 | 31-05 | 26-18 | 18-17 | DEC | |
| | # OBS | - | - | 97 | 713 | 733 | 716 | 739 | 740 | 715 | 742 | 712 | 739 | 6646 | |
| 1985 | MEAN | 6.7 | 6.0 | 7.2 | 9.3 | - | - | - | - | - | - | - | - | 7.0 | |
| | MAXIMUM | 10.7 | 10.6 | 11.0 | 13.5 | - | - | - | - | - | - | - | - | 13.5 | |
| | DAY-HR | 23-00 | 14-16 | 09-00 | 06-21 | - | - | - | - | - | - | - | - | - | APR |
| | MINIMUM | 2.4 | -1.4 | 3.5 | 7.2 | - | - | - | - | - | - | - | - | - | -1.4 |
| | DAY-HR | 01-13 | 04-14 | 25-14 | 04-04 | - | - | - | - | - | - | - | - | - | FEB |
| | # OBS | 743 | 670 | 740 | 282 | - | - | - | - | - | - | - | - | - | 2435 |
| 1986 | MEAN | 9.1 | 7.4 | 9.6 | - | - | - | 13.6 | 13.3 | 13.1 | 11.8 | 10.1 | 8.6 | 10.9 | |
| | MAXIMUM | 12.8 | 13.6 | 14.4 | - | - | - | 15.7 | 16.7 | 16.5 | 17.2 | 13.3 | 12.6 | 17.2 | |
| | DAY-HR | 27-12 | 26-23 | 03-01 | - | - | - | 19-23 | 31-01 | 02-01 | 12-23 | 03-00 | 28-15 | OCT | |
| | MINIMUM | 5.4 | 0.3 | 6.6 | - | - | - | 11.2 | 9.6 | 10.0 | 8.2 | 4.7 | 4.3 | 0.3 | |
| | DAY-HR | 24-19 | 19-15 | 22-16 | - | - | - | 04-10 | 06-16 | 25-09 | 16-17 | 10-13 | 07-14 | FEB | |
| | # OBS | 568 | 649 | 518 | - | - | - | 743 | 743 | 719 | 741 | 691 | 740 | 6112 | |
| 1987 | MEAN | 7.7 | - | - | - | - | - | - | - | - | - | - | - | 7.7 | |
| | MAXIMUM | 11.9 | - | - | - | - | - | - | - | - | - | - | - | 11.9 | |
| | DAY-HR | 03-06 | - | - | - | - | - | - | - | - | - | - | - | JAN | |
| | MINIMUM | 2.0 | - | - | - | - | - | - | - | - | - | - | - | 2.0 | |
| | DAY-HR | 15-16 | - | - | - | - | - | - | - | - | - | - | - | JAN | |
| | # OBS | 669 | - | - | - | - | - | - | - | - | - | - | - | 669 | |
| 1991 | MEAN | - | - | - | - | - | - | - | - | - | 11.4 | 10.4 | 9.3 | 10.2 | |
| | MAXIMUM | - | - | - | - | - | - | - | - | - | 19.8 | 12.9 | 12.2 | 19.8 | |
| | DAY-HR | - | - | - | - | - | - | - | - | - | 10-23 | 19-19 | 31-23 | OCT | |
| | MINIMUM | - | - | - | - | - | - | - | - | - | 5.2 | 5.7 | 5.4 | 5.2 | |
| | DAY-HR | - | - | - | - | - | - | - | - | - | 30-11 | 22-16 | 10-18 | OCT | |
| | # OBS | - | - | - | - | - | - | - | - | - | 533 | 713 | 743 | 1989 | |
| 1992 | MEAN | 9.2 | 10.4 | 10.4 | 11.3 | 12.7 | 13.8 | 15.1 | 14.8 | 13.6 | 13.0 | 10.6 | 7.4 | 11.8 | |
| | MAXIMUM | 13.8 | 15.8 | 14.8 | 15.4 | 18.4 | 17.1 | 17.9 | 20.6 | 17.4 | 17.6 | 14.0 | 11.2 | 20.6 | |
| | DAY-HR | 30-08 | 27-00 | 21-22 | 25-22 | 03-21 | 28-02 | 03-02 | 11-19 | 30-21 | 07-00 | 02-02 | 14-11 | AUG | |
| | MINIMUM | 3.7 | 6.1 | 6.4 | 5.7 | 8.5 | 11.0 | 11.3 | 10.7 | 10.4 | 8.2 | 5.8 | 1.3 | 1.3 | |
| | DAY-HR | 06-17 | 05-14 | 18-15 | 06-15 | 11-15 | 03-11 | 30-07 | 29-16 | 15-08 | 15-17 | 29-14 | 31-19 | DEC | |
| | # OBS | 736 | 689 | 733 | 720 | 741 | 627 | 740 | 733 | 714 | 735 | 712 | 737 | 8617 | |
| 1993 | MEAN | 5.9 | 7.1 | 9.3 | - | - | 14.6 | 15.1 | 16.0 | 14.1 | 13.3 | 9.7 | 9.3 | 11.6 | |
| | MAXIMUM | 11.7 | 13.5 | 10.7 | - | - | 16.8 | 18.1 | 18.5 | 20.8 | 18.6 | 14.6 | 14.4 | 20.8 | |
| | DAY-HR | 20-14 | 08-00 | 03-18 | - | - | 25-03 | 31-23 | 04-00 | 27-00 | 10-01 | 01-00 | 10-06 | SEP | |
| | MINIMUM | -0.1 | 0.4 | 6.7 | - | - | 11.6 | 13.3 | 12.7 | 10.5 | 9.7 | 0.3 | 4.9 | -0.1 | |
| | DAY-HR | 11-16 | 17-15 | 02-11 | - | - | 22-00 | 10-15 | 31-19 | 24-13 | 02-13 | 23-19 | 23-15 | JAN | |
| | # OBS | 736 | 634 | 73 | - | - | 336 | 739 | 742 | 716 | 742 | 716 | 735 | 6169 | |
| 1994 | MEAN | 10.0 | 8.4 | 10.2 | 11.1 | 13.2 | 14.7 | 14.6 | 17.7 | 15.8 | 13.1 | 9.6 | 8.9 | 12.3 | |
| | MAXIMUM | 12.8 | 12.7 | 15.7 | 14.5 | 16.7 | 16.8 | 18.3 | 20.1 | 22.3 | 16.8 | 12.4 | 13.1 | 22.3 | |
| | DAY-HR | 23-02 | 16-12 | 12-23 | 17-22 | 10-22 | 27-03 | 29-02 | 16-02 | 21-22 | 04-22 | 19-22 | 24-02 | SEP | |
| | MINIMUM | 5.1 | 1.4 | 3.1 | 8.9 | 9.6 | 12.0 | 10.8 | 14.6 | 12.1 | 9.1 | 5.1 | 2.3 | 1.4 | |
| | DAY-HR | 19-13 | 08-16 | 23-10 | 12-13 | 01-14 | 14-16 | 20-10 | 26-14 | 26-17 | 29-16 | 18-15 | 04-13 | FEB | |
| | # OBS | 739 | 647 | 729 | 720 | 741 | 719 | 735 | 739 | 711 | 733 | 710 | 739 | 8662 | |
| 1995 | MEAN | 8.0 | - | - | 11.0 | 11.6 | 13.1 | 15.7 | 14.7 | 15.8 | 13.3 | 11.3 | 8.8 | 12.8 | |
| | MAXIMUM | 12.1 | - | - | 13.6 | 13.9 | 21.4 | 18.9 | 18.0 | 21.4 | 16.8 | 14.4 | 14.5 | 21.4 | |
| | DAY-HR | 08-06 | - | - | 23-21 | 08-22 | 28-22 | 17-18 | 31-21 | 22-00 | 19-23 | 17-23 | 10-12 | SEP | |
| | MINIMUM | 5.5 | - | - | 9.7 | 8.6 | 10.5 | 12.9 | 12.5 | 12.5 | 7.9 | 7.4 | 4.3 | 4.3 | |
| | DAY-HR | 06-12 | - | - | 25-17 | 12-13 | 05-13 | 31-17 | 04-15 | 13-14 | 31-17 | 02-15 | 06-16 | DEC | |
| | # OBS | 192 | - | - | 196 | 739 | 717 | 733 | 738 | 713 | 738 | 706 | 740 | 6212 | |
| 1996 | MEAN | 9.2 | - | - | - | 10.7 | 12.9 | 13.9 | 13.8 | 14.4 | - | - | - | 12.9 | |
| | MAXIMUM | 12.5 | - | - | - | 12.9 | 15.6 | 16.4 | 18.0 | 17.2 | - | - | - | 18.0 | |
| | DAY-HR | 06-20 | - | - | - | 18-01 | 25-22 | 14-20 | 29-01 | 08-21 | - | - | - | AUG | |

| | | | | | | | | | | | | | | |
|------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| | MINIMUM | 6.6 | - | - | - | 6.3 | 9.8 | 11.3 | 9.6 | 12.4 | - | - | - | 6.3 |
| | DAY-HR | 05-07 | - | - | - | 03-17 | 17-13 | 17-14 | 10-12 | 04-14 | - | - | - | MAY |
| | # OBS | 141 | - | - | - | 710 | 716 | 835 | 787 | 362 | - | - | - | 3551 |
| 1997 | MEAN | 7.8 | 7.7 | 8.2 | 10.1 | 13.4 | 14.8 | - | - | - | - | - | - | 10.2 |
| | MAXIMUM | 15.9 | 11.3 | 12.8 | 15.0 | 21.9 | 17.6 | - | - | - | - | - | - | 21.9 |
| | DAY-HR | 01-03 | 16-17 | 18-08 | 25-22 | 11-22 | 26-18 | - | - | - | - | - | - | MAY |
| | MINIMUM | 0.6 | 3.7 | 2.3 | 6.1 | 8.9 | 12.2 | - | - | - | - | - | - | 0.6 |
| | DAY-HR | 26-16 | 08-16 | 12-18 | 04-16 | 02-12 | 21-17 | - | - | - | - | - | - | JAN |
| | # OBS | 737 | 659 | 739 | 714 | 742 | 590 | - | - | - | - | - | - | 4181 |
| 1998 | MEAN | - | - | - | - | 11.5 | 12.9 | 14.7 | 15.8 | 14.2 | 13.2 | 11.2 | 9.3 | 13.2 |
| | MAXIMUM | - | - | - | - | 14.8 | 14.4 | 17.8 | 18.8 | 16.5 | 16.6 | 14.1 | 12.1 | 18.8 |
| | DAY-HR | - | - | - | - | 29-03 | 03-03 | 19-22 | 10-23 | 07-00 | 22-00 | 01-00 | 13-10 | AUG |
| | MINIMUM | - | - | - | - | 9.4 | 11.3 | 12.7 | 12.9 | 11.4 | 9.8 | 7.4 | 5.9 | 5.9 |
| | DAY-HR | - | - | - | - | 15-09 | 19-01 | 07-12 | 31-18 | 29-19 | 30-14 | 30-23 | 05-18 | DEC |
| | # OBS | - | - | - | - | 587 | 692 | 734 | 791 | 711 | 743 | 715 | 258 | 5231 |
| 1999 | MEAN | 8.4 | 8.1 | 7.6 | 8.4 | 9.9 | 12.2 | 13.3 | 15.1 | 13.4 | 11.6 | 11.0 | 9.4 | 10.7 |
| | MAXIMUM | 10.6 | 11.2 | 11.9 | 14.3 | 15.9 | 16.8 | 15.7 | 17.2 | 17.6 | 13.6 | 13.7 | 11.7 | 17.6 |
| | DAY-HR | 17-22 | 12-17 | 20-01 | 16-01 | 23-21 | 12-00 | 11-02 | 21-00 | 13-01 | 22-00 | 16-08 | 17-23 | SEP |
| | MINIMUM | 4.1 | 2.8 | 3.7 | 4.3 | 5.9 | 8.2 | 10.6 | 12.9 | 9.8 | 9.0 | 8.2 | 5.5 | 2.8 |
| | DAY-HR | 30-04 | 10-00 | 28-06 | 09-07 | 08-14 | 07-17 | 19-15 | 31-09 | 30-21 | 01-18 | 05-09 | 13-11 | FEB |
| | # OBS | 678 | 660 | 721 | 720 | 741 | 719 | 733 | 732 | 704 | 668 | 601 | 706 | 8383 |
| 2000 | MEAN | 7.7 | - | - | - | 10.9 | 12.8 | 14.2 | 15.2 | 14.8 | 12.7 | - | 9.4 | 12.8 |
| | MAXIMUM | 10.5 | - | - | - | 20.4 | 15.9 | 17.3 | 17.6 | 18.0 | 17.2 | - | 11.0 | 20.4 |
| | DAY-HR | 04-08 | - | - | - | 14-22 | 04-01 | 31-23 | 01-00 | 17-21 | 06-00 | - | 22-03 | MAY |
| | MINIMUM | 2.0 | - | - | - | 5.9 | 10.2 | 11.7 | 13.6 | 12.6 | 9.1 | - | 4.7 | 2.0 |
| | DAY-HR | 12-09 | - | - | - | 10-18 | 10-13 | 04-14 | 31-13 | 07-12 | 28-05 | - | 19-21 | JAN |
| | # OBS | 331 | - | - | - | 691 | 699 | 732 | 741 | 716 | 724 | - | 280 | 4914 |
| 2001 | MEAN | 9.0 | 8.0 | 8.6 | 8.7 | 10.7 | 12.5 | 13.6 | 14.9 | 14.1 | 12.0 | 10.5 | 9.0 | 11.0 |
| | MAXIMUM | 12.6 | 11.0 | 12.8 | 11.7 | 14.4 | 14.9 | 16.5 | 17.2 | 16.8 | 16.7 | 14.9 | 11.3 | 17.2 |
| | DAY-HR | 08-05 | 02-01 | 06-23 | 26-02 | 22-09 | 22-00 | 20-20 | 31-00 | 29-23 | 05-00 | 19-20 | 17-02 | AUG |
| | MINIMUM | 5.6 | 4.8 | 4.8 | 4.4 | 8.2 | 9.8 | 12.1 | 12.9 | 11.4 | 7.1 | 5.9 | 5.9 | 4.4 |
| | DAY-HR | 16-16 | 07-16 | 03-10 | 06-19 | 02-02 | 03-10 | 17-03 | 12-15 | 27-16 | 28-15 | 28-10 | 19-08 | APR |
| | # OBS | 740 | 671 | 739 | 715 | 738 | 717 | 743 | 740 | 715 | 743 | 717 | 701 | 8679 |
| POR | MEAN | 8.2 | 7.9 | 8.8 | 9.8 | 11.6 | 13.2 | 14.3 | 15.1 | 14.4 | 12.5 | 10.4 | 8.6 | 11.5 |
| | MAXIMUM | 15.9 | 15.8 | 15.7 | 15.4 | 21.9 | 21.4 | 18.9 | 20.6 | 22.3 | 19.8 | 14.9 | 14.5 | 22.3 |
| | YEAR | 1997 | 1992 | 1994 | 1992 | 1997 | 1995 | 1995 | 1992 | 1994 | 1991 | 2001 | 1995 | SEP/1994 |
| | MINIMUM | -0.1 | -1.4 | 2.3 | 4.3 | 5.9 | 8.2 | 9.3 | 9.6 | 8.9 | 5.2 | 0.3 | 0.4 | -1.4 |
| | YEAR | 1993 | 1985 | 1997 | 1999 | 2000 | 1999 | 1984 | 1996 | 1984 | 1991 | 1993 | 1984 | FEB/1985 |
| | # OBS | 7010 | 5279 | 5089 | 4780 | 7163 | 7248 | 8206 | 8226 | 7496 | 7842 | 6993 | 7118 | 82450 |

STATION: 46029 -- POR (3/1984 - 12/2001)

2 - MEANS & EXTREMES BASED ON HOURLY (GMT) OBSERVATIONS -- MONTHLY & ANNUAL BY YEAR

ELEMENT: SEA TEMPERATURE (DEGREES C)

| YEAR | ELEMENT | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN |
|------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| 1984 | MEAN | - | - | 9.7 | 10.1 | 11.9 | 12.7 | 12.7 | 15.0 | 14.3 | 13.1 | 11.5 | 9.3 | 12.3 |
| | MAXIMUM | - | - | 10.5 | 12.1 | 15.1 | 16.4 | 17.1 | 18.9 | 16.8 | 14.8 | 12.5 | 10.9 | 18.9 |
| | DAY-HR | - | - | 30-22 | 15-00 | 17-01 | 30-23 | 01-00 | 22-22 | 14-01 | 11-05 | 02-17 | 04-04 | AUG |
| | MINIMUM | - | - | 8.9 | 8.9 | 10.1 | 9.8 | 9.2 | 11.3 | 10.9 | 10.4 | 9.6 | 6.6 | 6.6 |
| | DAY-HR | - | - | 30-07 | 06-15 | 06-14 | 16-09 | 22-15 | 09-20 | 22-15 | 31-18 | 30-20 | 28-18 | DEC |
| | # OBS | - | - | 97 | 714 | 733 | 712 | 740 | 736 | 715 | 742 | 712 | 739 | 6640 |
| 1985 | MEAN | 8.3 | 6.8 | 8.0 | 9.4 | - | - | - | - | - | - | - | - | 7.9 |
| | MAXIMUM | 9.6 | 8.5 | 9.0 | 11.6 | - | - | - | - | - | - | - | - | 11.6 |
| | DAY-HR | 20-01 | 25-22 | 18-03 | 09-23 | - | - | - | - | - | - | - | - | APR |
| | MINIMUM | 3.7 | 4.9 | 6.2 | 8.3 | - | - | - | - | - | - | - | - | 3.7 |
| | DAY-HR | 30-07 | 18-13 | 01-10 | 04-15 | - | - | - | - | - | - | - | - | JAN |
| | # OBS | 743 | 670 | 740 | 282 | - | - | - | - | - | - | - | - | 2435 |
| 1986 | MEAN | 9.4 | 9.7 | 10.8 | - | - | - | - | - | - | - | - | - | 9.9 |
| | MAXIMUM | 10.1 | 11.0 | 11.7 | - | - | - | - | - | - | - | - | - | 11.7 |
| | DAY-HR | 31-02 | 28-23 | 08-23 | - | - | - | - | - | - | - | - | - | MAR |
| | MINIMUM | 8.5 | 7.4 | 8.7 | - | - | - | - | - | - | - | - | - | 7.4 |
| | DAY-HR | 09-08 | 12-16 | 17-16 | - | - | - | - | - | - | - | - | - | FEB |
| | # OBS | 564 | 648 | 516 | - | - | - | - | - | - | - | - | - | 1728 |
| 1991 | MEAN | - | - | - | - | - | - | - | - | - | 11.6 | 10.8 | 9.9 | 10.7 |
| | MAXIMUM | - | - | - | - | - | - | - | - | - | 13.8 | 11.8 | 10.9 | 13.8 |
| | DAY-HR | - | - | - | - | - | - | - | - | - | 13-04 | 16-01 | 06-02 | OCT |
| | MINIMUM | - | - | - | - | - | - | - | - | - | 9.7 | 8.8 | 8.3 | 8.3 |
| | DAY-HR | - | - | - | - | - | - | - | - | - | 31-17 | 30-08 | 16-07 | DEC |
| | # OBS | - | - | - | - | - | - | - | - | - | 533 | 713 | 743 | 1989 |

| | | | | | | | | | | | | | | |
|------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| 1992 | MEAN | 9.9 | 10.6 | 11.1 | 12.0 | 13.3 | 13.8 | 15.0 | 14.0 | 13.2 | 12.8 | 11.9 | 9.6 | 12.2 |
| | MAXIMUM | 10.9 | 11.6 | 12.2 | 13.5 | 16.5 | 16.8 | 18.0 | 16.8 | 16.0 | 14.4 | 13.0 | 11.6 | 18.0 |
| | DAY-HR | 01-17 | 28-22 | 31-00 | 30-23 | 25-01 | 28-00 | 04-00 | 24-00 | 05-23 | 04-03 | 07-03 | 02-10 | JUL |
| | MINIMUM | 8.6 | 9.0 | 9.9 | 10.5 | 11.8 | 10.7 | 10.5 | 10.2 | 10.7 | 10.7 | 9.7 | 7.2 | 7.2 |
| | DAY-HR | 16-19 | 08-16 | 14-11 | 06-15 | 21-14 | 03-09 | 30-07 | 29-07 | 18-14 | 14-05 | 29-19 | 31-19 | DEC |
| | # OBS | 736 | 689 | 733 | 720 | 741 | 627 | 740 | 732 | 714 | 735 | 711 | 736 | 8614 |
| 1993 | MEAN | 9.1 | 9.2 | 9.6 | - | - | 14.7 | 14.8 | 14.8 | 13.4 | 11.6 | 10.0 | 8.7 | 11.7 |
| | MAXIMUM | 10.0 | 10.4 | 10.0 | - | - | 17.1 | 18.3 | 18.2 | 16.8 | 13.4 | 12.2 | 10.6 | 18.3 |
| | DAY-HR | 02-21 | 13-22 | 03-19 | - | - | 29-23 | 31-23 | 01-00 | 05-00 | 10-22 | 01-02 | 01-20 | JUL |
| | MINIMUM | 6.5 | 6.6 | 8.6 | - | - | 12.4 | 11.9 | 10.6 | 9.7 | 10.0 | 8.4 | 6.4 | 6.4 |
| | DAY-HR | 22-17 | 28-05 | 01-01 | - | - | 22-17 | 20-16 | 21-07 | 30-05 | 02-07 | 27-10 | 23-08 | DEC |
| | # OBS | 736 | 634 | 73 | - | - | 336 | 738 | 742 | 716 | 742 | 716 | 735 | 6168 |
| 1994 | MEAN | 9.1 | 8.4 | 9.4 | 10.6 | 12.3 | 13.8 | 12.4 | 15.6 | 13.4 | 11.3 | 9.8 | 8.4 | 11.2 |
| | MAXIMUM | 9.8 | 9.6 | 10.8 | 12.1 | 14.6 | 16.5 | 17.5 | 18.8 | 16.2 | 13.9 | 10.9 | 9.6 | 18.8 |
| | DAY-HR | 24-21 | 28-23 | 27-00 | 22-01 | 21-23 | 19-02 | 31-21 | 15-22 | 16-22 | 03-17 | 11-23 | 01-03 | AUG |
| | MINIMUM | 7.3 | 6.2 | 8.1 | 9.1 | 10.2 | 10.6 | 8.6 | 11.8 | 9.9 | 9.7 | 7.6 | 6.5 | 6.2 |
| | DAY-HR | 31-17 | 07-10 | 06-07 | 04-16 | 26-16 | 30-15 | 19-13 | 27-09 | 20-18 | 18-15 | 28-13 | 07-09 | FEB |
| | # OBS | 739 | 646 | 729 | 720 | 741 | 719 | 736 | 739 | 711 | 733 | 710 | 739 | 8662 |
| 1995 | MEAN | 7.9 | - | - | 11.5 | 12.4 | 13.3 | 15.5 | 14.5 | 15.6 | 14.0 | 11.1 | 10.0 | 13.1 |
| | MAXIMUM | 8.3 | - | - | 12.9 | 15.0 | 17.5 | 18.8 | 18.8 | 18.0 | 16.5 | 12.0 | 11.8 | 18.8 |
| | DAY-HR | 03-23 | - | - | 29-19 | 26-23 | 30-01 | 26-04 | 21-00 | 06-04 | 05-00 | 30-20 | 14-20 | AUG |
| | MINIMUM | 7.5 | - | - | 10.3 | 10.7 | 10.6 | 12.3 | 11.3 | 12.1 | 11.7 | 9.8 | 7.4 | 7.4 |
| | DAY-HR | 06-07 | - | - | 23-13 | 19-13 | 03-11 | 19-22 | 02-11 | 23-10 | 31-17 | 10-10 | 07-12 | DEC |
| | # OBS | 192 | - | - | 196 | 739 | 717 | 732 | 737 | 712 | 738 | 705 | 740 | 6208 |
| 1996 | MEAN | 9.0 | - | - | - | 12.0 | 13.7 | 14.5 | 14.1 | 14.9 | - | - | - | 13.6 |
| | MAXIMUM | 11.0 | - | - | - | 14.4 | 16.6 | 17.3 | 18.3 | 17.5 | - | - | - | 18.3 |
| | DAY-HR | 06-23 | - | - | - | 16-01 | 26-22 | 24-23 | 21-20 | 04-01 | - | - | - | AUG |
| | MINIMUM | 6.7 | - | - | - | 9.9 | 10.4 | 10.9 | 10.2 | 12.6 | - | - | - | 6.7 |
| | DAY-HR | 02-14 | - | - | - | 31-09 | 17-13 | 07-06 | 25-10 | 01-16 | - | - | - | JAN |
| | # OBS | 141 | - | - | - | 710 | 716 | 835 | 787 | 380 | - | - | - | 3569 |
| 1997 | MEAN | 9.1 | 8.3 | 8.9 | 10.1 | 13.1 | 15.3 | 14.7 | 15.7 | 17.1 | 15.1 | 14.0 | - | 12.8 |
| | MAXIMUM | 12.9 | 10.2 | 10.9 | 13.6 | 17.0 | 18.1 | 18.2 | 18.3 | 22.2 | 19.9 | 20.1 | - | 22.2 |
| | DAY-HR | 01-04 | 01-09 | 22-20 | 25-23 | 16-00 | 05-21 | 11-01 | 30-03 | 18-00 | 06-07 | 09-22 | - | SEP |
| | MINIMUM | 5.9 | 5.9 | 6.2 | 8.0 | 10.2 | 12.7 | 11.0 | 11.9 | 15.5 | 12.1 | 13.0 | - | 5.9 |
| | DAY-HR | 04-07 | 13-09 | 04-10 | 02-14 | 01-14 | 10-11 | 20-15 | 01-14 | 29-13 | 26-05 | 04-07 | - | FEB |
| | # OBS | 724 | 655 | 739 | 713 | 742 | 719 | 733 | 742 | 717 | 736 | 384 | - | 7604 |
| 1998 | MEAN | - | - | - | - | 12.6 | 14.1 | 15.3 | 15.9 | 14.2 | 13.6 | 12.1 | 11.0 | 13.9 |
| | MAXIMUM | - | - | - | - | 14.7 | 16.0 | 18.1 | 18.6 | 16.1 | 14.9 | 13.3 | 11.7 | 18.6 |
| | DAY-HR | - | - | - | - | 31-00 | 02-23 | 19-21 | 06-01 | 13-21 | 17-11 | 10-01 | 05-05 | AUG |
| | MINIMUM | - | - | - | - | 11.4 | 12.9 | 13.4 | 13.3 | 12.5 | 12.0 | 11.0 | 10.2 | 10.2 |
| | DAY-HR | - | - | - | - | 16-14 | 26-09 | 10-12 | 31-23 | 01-08 | 10-08 | 30-12 | 31-23 | DEC |
| | # OBS | - | - | - | - | 587 | 693 | 734 | 790 | 711 | 743 | 715 | 258 | 5231 |
| 1999 | MEAN | 9.3 | 8.9 | 8.9 | 9.6 | 11.4 | 13.5 | 14.1 | 15.4 | 13.3 | 11.6 | 11.4 | 10.3 | 11.5 |
| | MAXIMUM | 10.2 | 9.4 | 9.5 | 11.3 | 14.5 | 16.7 | 16.6 | 18.1 | 17.3 | 12.8 | 12.5 | 11.3 | 18.1 |
| | DAY-HR | 01-03 | 02-16 | 20-00 | 29-03 | 24-02 | 12-01 | 11-00 | 22-00 | 05-04 | 13-23 | 14-23 | 04-03 | AUG |
| | MINIMUM | 7.4 | 8.7 | 7.9 | 8.3 | 9.8 | 9.8 | 12.1 | 13.3 | 10.9 | 10.6 | 10.6 | 7.4 | 7.4 |
| | DAY-HR | 09-11 | 26-03 | 05-18 | 06-16 | 09-14 | 01-21 | 14-07 | 02-09 | 26-06 | 31-17 | 05-23 | 30-18 | DEC |
| | # OBS | 678 | 660 | 721 | 720 | 740 | 717 | 732 | 731 | 702 | 667 | 599 | 704 | 8371 |
| 2000 | MEAN | 9.3 | - | - | - | 12.1 | 13.5 | 14.4 | 15.7 | 15.1 | 12.9 | - | 9.5 | 13.4 |
| | MAXIMUM | 9.8 | - | - | - | 18.7 | 16.5 | 17.6 | 18.8 | 17.6 | 15.2 | - | 10.2 | 18.8 |
| | DAY-HR | 09-19 | - | - | - | 12-21 | 04-20 | 31-23 | 12-22 | 17-23 | 01-00 | - | 27-15 | AUG |
| | MINIMUM | 8.5 | - | - | - | 6.3 | 11.0 | 11.4 | 13.7 | 13.6 | 11.3 | - | 4.8 | 4.8 |
| | DAY-HR | 03-10 | - | - | - | 10-16 | 12-11 | 03-13 | 31-14 | 28-14 | 31-12 | - | 19-21 | DEC |
| | # OBS | 331 | - | - | - | 636 | 699 | 729 | 741 | 716 | 724 | - | 280 | 4856 |
| 2001 | MEAN | 9.7 | 9.2 | 9.4 | 9.8 | 11.6 | 13.4 | 13.6 | 15.1 | 14.4 | 12.2 | 10.9 | 10.0 | 11.6 |
| | MAXIMUM | 10.2 | 9.8 | 9.8 | 11.7 | 14.5 | 16.4 | 17.2 | 17.3 | 17.2 | 13.7 | 11.8 | 11.0 | 17.3 |
| | DAY-HR | 13-00 | 06-00 | 27-05 | 27-01 | 30-23 | 14-00 | 21-03 | 29-02 | 03-03 | 10-01 | 21-09 | 01-09 | AUG |
| | MINIMUM | 9.4 | 7.9 | 8.7 | 8.5 | 9.8 | 11.9 | 11.7 | 13.3 | 11.3 | 10.2 | 10.2 | 8.9 | 7.9 |
| | DAY-HR | 27-04 | 15-17 | 22-18 | 14-13 | 01-00 | 04-16 | 14-15 | 02-05 | 20-13 | 29-09 | 10-17 | 12-11 | FEB |
| | # OBS | 736 | 672 | 739 | 716 | 736 | 717 | 743 | 741 | 715 | 743 | 717 | 699 | 8674 |
| POR | MEAN | 9.2 | 8.9 | 9.4 | 10.4 | 12.3 | 13.8 | 14.3 | 15.1 | 14.4 | 12.7 | 11.2 | 9.6 | 12.1 |
| | MAXIMUM | 12.9 | 11.6 | 12.2 | 13.6 | 18.7 | 18.1 | 18.8 | 18.9 | 22.2 | 19.9 | 20.1 | 11.8 | 22.2 |
| | YEAR | 1997 | 1992 | 1992 | 1997 | 2000 | 1997 | 1995 | 1984 | 1997 | 1997 | 1997 | 1995 | SEP/1997 |
| | MINIMUM | 3.7 | 4.9 | 6.2 | 8.0 | 6.3 | 9.8 | 8.6 | 10.2 | 9.7 | 9.7 | 7.6 | 4.8 | 3.7 |
| | YEAR | 1985 | 1985 | 1997 | 1997 | 2000 | 1999 | 1994 | 1996 | 1993 | 1994 | 1994 | 2000 | JAN/1985 |
| | # OBS | 6320 | 5274 | 5087 | 4781 | 7105 | 7372 | 8192 | 8218 | 7509 | 7836 | 6682 | 6373 | 80749 |

STATION: 46029 -- POR (12/2000 - 12/2001)

2 - MEANS & EXTREMES BASED ON HOURLY (GMT) OBSERVATIONS -- MONTHLY & ANNUAL BY YEAR

| | | | | | | | | | | | | | | |
|------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| | MAXIMUM | 21.6 | 31.9 | 29.0 | 20.4 | - | - | - | - | - | - | - | - | 31.9 |
| | DAY-HR | 06-16 | 11-16 | 23-16 | 11-12 | - | - | - | - | - | - | - | - | FEB |
| | MINIMUM | 0.0 | 0.0 | 0.0 | 0.0 | - | - | - | - | - | - | - | - | 0.0 |
| | DAY-HR | 29-06 | 28-14 | 29-14 | 12-14 | - | - | - | - | - | - | - | - | APR |
| | # OBS | 743 | 670 | 740 | 283 | - | - | - | - | - | - | - | - | 2436 |
| 1986 | MEAN | 12.5 | 11.9 | 10.4 | - | - | - | 7.5 | 7.7 | 7.6 | 8.9 | - | - | 9.4 |
| | MAXIMUM | 35.0 | 25.3 | 29.2 | - | - | - | 19.4 | 21.4 | 33.0 | 21.4 | - | - | 35.0 |
| | DAY-HR | 17-03 | 25-02 | 07-14 | - | - | - | 31-23 | 02-01 | 23-17 | 07-00 | - | - | JAN |
| | MINIMUM | 0.0 | 0.0 | 0.0 | - | - | - | 0.0 | 0.0 | 0.0 | 0.0 | - | - | 0.0 |
| | DAY-HR | 26-04 | 28-20 | 22-09 | - | - | - | 29-12 | 27-18 | 30-16 | 03-20 | - | - | OCT |
| | # OBS | 573 | 650 | 515 | - | - | - | 743 | 742 | 719 | 215 | - | - | 4157 |
| 1987 | MEAN | 14.2 | - | - | - | - | - | - | - | - | - | - | - | 14.2 |
| | MAXIMUM | 36.9 | - | - | - | - | - | - | - | - | - | - | - | 36.9 |
| | DAY-HR | 30-06 | - | - | - | - | - | - | - | - | - | - | - | JAN |
| | MINIMUM | 0.0 | - | - | - | - | - | - | - | - | - | - | - | 0.0 |
| | DAY-HR | 31-16 | - | - | - | - | - | - | - | - | - | - | - | JAN |
| | # OBS | 498 | - | - | - | - | - | - | - | - | - | - | - | 498 |
| 1991 | MEAN | - | - | - | - | - | - | - | - | 9.1 | 12.7 | 11.9 | 11.4 | |
| | MAXIMUM | - | - | - | - | - | - | - | - | 22.7 | 36.9 | 30.3 | 36.9 | |
| | DAY-HR | - | - | - | - | - | - | - | - | 16-10 | 16-17 | 05-20 | NOV | |
| | MINIMUM | - | - | - | - | - | - | - | - | 0.0 | 0.4 | 0.2 | 0.0 | |
| | DAY-HR | - | - | - | - | - | - | - | - | 28-07 | 26-05 | 04-20 | OCT | |
| | # OBS | - | - | - | - | - | - | - | - | 533 | 713 | 743 | 1989 | |
| 1992 | MEAN | 15.5 | 11.9 | 8.4 | 11.0 | 9.9 | 10.2 | 9.1 | 8.0 | 8.8 | 11.4 | 12.6 | 14.4 | 10.9 |
| | MAXIMUM | 37.1 | 29.0 | 21.8 | 26.8 | 24.1 | 20.2 | 19.2 | 19.1 | 25.1 | 27.4 | 32.3 | 33.6 | 37.1 |
| | DAY-HR | 31-17 | 21-14 | 27-10 | 17-04 | 05-23 | 29-18 | 16-01 | 10-22 | 23-19 | 29-17 | 21-12 | 11-00 | JAN |
| | MINIMUM | 0.2 | 0.0 | 0.0 | 0.2 | 0.2 | 0.4 | 0.2 | 0.2 | 0.2 | 0.0 | 0.0 | 0.2 | 0.0 |
| | DAY-HR | 12-06 | 25-01 | 13-07 | 25-15 | 28-11 | 07-14 | 03-08 | 27-15 | 13-15 | 02-12 | 20-03 | 18-04 | NOV |
| | # OBS | 736 | 689 | 733 | 720 | 741 | 627 | 740 | 734 | 714 | 735 | 711 | 737 | 8617 |
| 1993 | MEAN | 15.0 | 12.3 | 15.5 | - | - | 10.2 | 7.6 | 9.1 | 8.6 | 8.3 | 10.8 | 14.3 | 10.8 |
| | MAXIMUM | 39.7 | 25.7 | 25.5 | - | - | 19.8 | 18.3 | 23.1 | 20.2 | 23.7 | 28.0 | 38.7 | 39.7 |
| | DAY-HR | 20-15 | 17-15 | 01-12 | - | - | 26-01 | 29-13 | 23-02 | 22-03 | 23-23 | 30-18 | 10-06 | JAN |
| | MINIMUM | 0.0 | 1.0 | 2.7 | - | - | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | DAY-HR | 01-23 | 20-06 | 02-06 | - | - | 24-19 | 20-23 | 25-17 | 20-19 | 15-09 | 19-04 | 15-04 | DEC |
| | # OBS | 736 | 634 | 73 | - | - | 336 | 739 | 742 | 716 | 742 | 716 | 735 | 6169 |
| 1994 | MEAN | 11.5 | 13.8 | 12.8 | 10.6 | 9.8 | 9.8 | 9.1 | 6.5 | 9.9 | 9.3 | 9.1 | - | 10.3 |
| | MAXIMUM | 31.9 | 33.2 | 33.0 | 28.8 | 27.2 | 30.7 | 22.0 | 19.2 | 26.8 | 33.8 | 20.6 | - | 33.8 |
| | DAY-HR | 01-03 | 13-06 | 21-06 | 08-09 | 28-21 | 13-02 | 07-22 | 31-00 | 03-03 | 31-09 | 01-07 | - | OCT |
| | MINIMUM | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | - | 0.0 |
| | DAY-HR | 17-07 | 26-05 | 29-20 | 22-07 | 22-17 | 08-05 | 23-14 | 24-19 | 11-07 | 15-20 | 02-20 | - | OCT |
| | # OBS | 739 | 646 | 730 | 720 | 741 | 719 | 737 | 739 | 712 | 733 | 57 | - | 7273 |
| 1995 | MEAN | - | - | - | 7.4 | 10.5 | 11.0 | 9.2 | 8.0 | 9.7 | 10.1 | 14.4 | 17.6 | 11.2 |
| | MAXIMUM | - | - | - | 18.1 | 23.3 | 23.1 | 23.7 | 27.6 | 25.5 | 33.4 | 38.7 | 41.6 | 41.6 |
| | DAY-HR | - | - | - | 23-05 | 11-03 | 12-12 | 26-11 | 06-21 | 26-23 | 25-23 | 18-02 | 12-22 | DEC |
| | MINIMUM | - | - | - | 0.2 | 0.2 | 0.6 | 0.2 | 0.2 | 0.0 | 0.2 | 1.9 | 0.2 | 0.0 |
| | DAY-HR | - | - | - | 29-12 | 26-11 | 07-17 | 27-09 | 30-12 | 11-12 | 14-01 | 19-06 | 07-01 | SEP |
| | # OBS | - | - | - | 196 | 739 | 717 | 731 | 737 | 713 | 737 | 704 | 740 | 6014 |
| 1996 | MEAN | 14.3 | - | - | - | 9.8 | 9.7 | 10.5 | 9.9 | 8.0 | - | - | - | 10.0 |
| | MAXIMUM | 30.3 | - | - | - | 27.8 | 21.8 | 22.2 | 20.8 | 18.7 | - | - | - | 30.3 |
| | DAY-HR | 06-18 | - | - | - | 18-07 | 19-22 | 18-10 | 23-09 | 07-10 | - | - | - | JAN |
| | MINIMUM | 2.5 | - | - | - | 0.0 | 0.2 | 0.0 | 0.2 | 0.4 | - | - | - | 0.0 |
| | DAY-HR | 05-00 | - | - | - | 14-03 | 25-18 | 03-18 | 29-17 | 08-20 | - | - | - | JUL |
| | # OBS | 141 | - | - | - | 710 | 716 | 835 | 787 | 362 | - | - | - | 3551 |
| 1997 | MEAN | 13.0 | 12.6 | 14.1 | 11.8 | 11.0 | 9.9 | 10.0 | 8.8 | 11.8 | 14.0 | 14.0 | 11.6 | 11.8 |
| | MAXIMUM | 32.9 | 34.8 | 39.3 | 30.7 | 29.0 | 24.7 | 21.6 | 23.5 | 35.2 | 36.4 | 35.4 | 24.1 | 39.3 |
| | DAY-HR | 18-18 | 19-01 | 18-13 | 20-04 | 03-02 | 03-20 | 27-12 | 26-13 | 14-21 | 01-14 | 19-12 | 02-15 | MAR |
| | MINIMUM | 0.0 | 0.6 | 0.0 | 0.4 | 0.2 | 0.0 | 0.0 | 0.0 | 0.4 | 0.2 | 0.2 | 2.5 | 0.0 |
| | DAY-HR | 04-02 | 15-23 | 25-06 | 17-17 | 23-20 | 29-12 | 30-15 | 14-10 | 02-18 | 27-06 | 05-03 | 29-23 | AUG |
| | # OBS | 737 | 659 | 739 | 714 | 742 | 719 | 733 | 742 | 718 | 733 | 517 | 32 | 7785 |
| 1998 | MEAN | 26.0 | - | - | - | 11.3 | 9.9 | 9.3 | 9.2 | 9.6 | 11.8 | 16.6 | 16.3 | 11.5 |
| | MAXIMUM | 39.3 | - | - | - | 24.3 | 21.2 | 24.3 | 21.0 | 22.6 | 32.7 | 42.2 | 37.3 | 42.2 |
| | DAY-HR | 14-16 | - | - | - | 14-13 | 16-06 | 14-19 | 31-07 | 18-10 | 08-07 | 25-03 | 01-20 | NOV |
| | MINIMUM | 8.0 | - | - | - | 0.2 | 0.4 | 0.0 | 0.4 | 0.0 | 0.2 | 0.2 | 1.7 | 0.0 |
| | DAY-HR | 13-02 | - | - | - | 26-17 | 02-20 | 17-12 | 22-10 | 09-19 | 26-20 | 18-04 | 04-16 | SEP |
| | # OBS | 59 | - | - | - | 587 | 692 | 734 | 790 | 710 | 743 | 714 | 258 | 5287 |
| 1999 | MEAN | 14.1 | 20.3 | 15.6 | 12.5 | 11.6 | 7.7 | 9.6 | 8.2 | 10.1 | 12.1 | 15.4 | 14.6 | 12.5 |
| | MAXIMUM | 38.3 | 42.6 | 46.3 | 32.5 | 23.1 | 18.5 | 22.2 | 22.0 | 24.9 | 36.7 | 37.1 | 37.3 | 46.3 |
| | DAY-HR | 29-18 | 05-22 | 03-05 | 10-07 | 07-04 | 25-07 | 09-03 | 22-23 | 25-04 | 28-05 | 09-17 | 09-04 | MAR |
| | MINIMUM | 0.0 | 0.6 | 0.6 | 0.0 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.6 | 0.0 | 0.0 |
| | DAY-HR | 09-20 | 14-02 | 16-22 | 21-05 | 14-18 | 08-07 | 30-13 | 03-05 | 26-21 | 12-10 | 27-02 | 30-09 | DEC |
| | # OBS | 679 | 660 | 721 | 720 | 741 | 718 | 733 | 730 | 704 | 668 | 601 | 709 | 8384 |
| 2000 | MEAN | 16.0 | - | - | - | 7.7 | 12.1 | 8.8 | 9.7 | 9.4 | 11.8 | - | 13.2 | 10.5 |

| | | | | | | | | | | | | | | |
|------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| | MAXIMUM | 44.5 | - | - | - | 23.9 | 30.7 | 22.0 | 21.4 | 27.8 | 39.7 | - | 35.6 | 44.5 |
| | DAY-HR | 16-19 | - | - | - | 26-10 | 11-19 | 15-23 | 22-14 | 14-22 | 28-04 | - | 22-04 | JAN |
| | MINIMUM | 1.0 | - | - | - | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | - | 0.8 | 0.0 |
| | DAY-HR | 05-23 | - | - | - | 15-08 | 30-16 | 31-21 | 06-16 | 17-21 | 14-19 | - | 20-16 | OCT |
| | # OBS | 331 | - | - | - | 691 | 700 | 735 | 741 | 715 | 725 | - | 280 | 4918 |
| 2001 | MEAN | 13.6 | 12.8 | 12.3 | 10.9 | 11.3 | 9.7 | 8.8 | 9.4 | 10.5 | 10.5 | 13.7 | 15.7 | 11.6 |
| | MAXIMUM | 32.1 | 36.9 | 34.6 | 30.1 | 30.5 | 21.4 | 21.0 | 24.7 | 23.7 | 28.6 | 38.7 | 38.1 | 38.7 |
| | DAY-HR | 10-00 | 02-04 | 01-21 | 29-15 | 14-11 | 27-10 | 03-21 | 21-21 | 26-12 | 23-08 | 20-05 | 18-14 | NOV |
| | MINIMUM | 0.4 | 1.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.0 |
| | DAY-HR | 27-23 | 14-20 | 29-15 | 19-14 | 30-08 | 23-18 | 19-12 | 17-00 | 24-07 | 28-05 | 09-06 | 15-15 | DEC |
| | # OBS | 740 | 672 | 739 | 716 | 740 | 718 | 743 | 740 | 715 | 743 | 717 | 704 | 8687 |
| POR | MEAN | 13.6 | 13.1 | 12.1 | 11.1 | 10.3 | 9.9 | 9.1 | 8.5 | 9.4 | 11.0 | 13.9 | 14.4 | 11.1 |
| | MAXIMUM | 44.5 | 42.6 | 46.3 | 34.2 | 30.5 | 30.7 | 24.5 | 27.6 | 35.2 | 39.7 | 42.2 | 41.6 | 46.3 |
| | YEAR | 2000 | 1999 | 1999 | 1984 | 2001 | 2000 | 1984 | 1995 | 1997 | 2000 | 1998 | 1995 | MAR/1999 |
| | MINIMUM | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | YEAR | 1999 | 1994 | 1997 | 2001 | 2001 | 2001 | 2001 | 2001 | 2001 | 2000 | 2001 | 2001 | DEC/2001 |
| | # OBS | 6712 | 5280 | 5087 | 4780 | 7165 | 7374 | 8943 | 8965 | 8213 | 8050 | 6161 | 5677 | 82407 |

STATION: 46029 -- POR (3/1984 - 12/2001)

2 - HIGHEST 5-SECOND AVERAGE DURING 2 OR 8-MINUTE PERIOD PRIOR TO OBSERVATION TIME -- MONTHLY & ANNUAL BY YEAR

ELEMENT: PEAK WIND GUST (KNOTS)

| YEAR | ELEMENT | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN |
|------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| 1984 | MEAN | - | - | 10.7 | 15.8 | 13.4 | 12.3 | 12.6 | 8.5 | 10.3 | 16.0 | 19.1 | 15.9 | 13.7 |
| | MAXIMUM | - | - | 21.8 | 43.0 | 33.0 | 27.8 | 32.5 | 27.2 | 29.2 | 43.2 | 48.2 | 37.3 | 48.2 |
| | DAY-HR | - | - | 31-23 | 09-23 | 25-22 | 04-11 | 25-08 | 27-12 | 05-15 | 12-15 | 01-21 | 12-16 | NOV |
| | # OBS | - | - | 97 | 711 | 733 | 712 | 740 | 741 | 715 | 743 | 711 | 739 | 6642 |
| 1985 | MEAN | 14.0 | 12.0 | 14.6 | 10.6 | - | - | - | - | - | - | - | - | 13.2 |
| | MAXIMUM | 27.8 | 44.9 | 38.5 | 27.4 | - | - | - | - | - | - | - | - | 44.9 |
| | DAY-HR | 14-13 | 11-16 | 23-16 | 11-12 | - | - | - | - | - | - | - | - | FEB |
| | # OBS | 743 | 670 | 740 | 283 | - | - | - | - | - | - | - | - | 2436 |
| 1986 | MEAN | 16.5 | 15.5 | 13.7 | - | - | - | 9.6 | 9.7 | 9.6 | 10.9 | - | - | 12.0 |
| | MAXIMUM | 50.5 | 35.0 | 38.9 | - | - | - | 25.3 | 25.3 | 42.8 | 25.3 | - | - | 50.5 |
| | DAY-HR | 17-04 | 16-00 | 07-11 | - | - | - | 31-23 | 02-16 | 23-17 | 07-00 | - | - | JAN |
| | # OBS | 568 | 639 | 513 | - | - | - | 742 | 742 | 719 | 215 | - | - | 4138 |
| 1987 | MEAN | 18.5 | - | - | - | - | - | - | - | - | - | - | - | 18.5 |
| | MAXIMUM | 44.7 | - | - | - | - | - | - | - | - | - | - | - | 44.7 |
| | DAY-HR | 31-12 | - | - | - | - | - | - | - | - | - | - | - | JAN |
| | # OBS | 471 | - | - | - | - | - | - | - | - | - | - | - | 471 |
| 1991 | MEAN | - | - | - | - | - | - | - | - | - | 11.5 | 16.2 | 15.4 | 14.6 |
| | MAXIMUM | - | - | - | - | - | - | - | - | - | 29.0 | 51.1 | 41.4 | 51.1 |
| | DAY-HR | - | - | - | - | - | - | - | - | - | 16-10 | 16-17 | 05-22 | NOV |
| | # OBS | - | - | - | - | - | - | - | - | - | 533 | 713 | 743 | 1989 |
| 1992 | MEAN | 20.0 | 15.3 | 10.7 | 14.1 | 12.4 | 12.7 | 11.3 | 9.9 | 10.9 | 14.2 | 16.2 | 18.6 | 13.9 |
| | MAXIMUM | 52.3 | 39.5 | 27.0 | 33.8 | 30.5 | 27.8 | 24.1 | 23.7 | 31.3 | 34.6 | 42.6 | 47.2 | 52.3 |
| | DAY-HR | 31-17 | 21-14 | 27-10 | 17-04 | 05-23 | 09-21 | 16-01 | 10-22 | 23-19 | 29-17 | 21-11 | 20-04 | JAN |
| | # OBS | 736 | 689 | 733 | 720 | 741 | 627 | 740 | 734 | 714 | 735 | 711 | 737 | 8617 |
| 1993 | MEAN | 19.1 | 15.5 | 19.7 | - | - | 13.0 | 9.7 | 11.4 | 10.9 | 10.3 | 13.8 | 18.5 | 13.7 |
| | MAXIMUM | 53.3 | 32.5 | 32.3 | - | - | 25.9 | 26.0 | 28.2 | 24.7 | 28.8 | 35.6 | 51.1 | 53.3 |
| | DAY-HR | 20-15 | 17-15 | 01-12 | - | - | 22-14 | 29-11 | 23-02 | 30-00 | 23-23 | 30-20 | 10-06 | JAN |
| | # OBS | 735 | 633 | 73 | - | - | 336 | 739 | 742 | 716 | 742 | 716 | 735 | 6167 |
| 1994 | MEAN | 14.7 | 17.7 | 16.4 | 13.5 | 12.5 | 12.4 | 11.4 | 8.3 | 12.5 | 12.0 | 13.0 | - | 13.1 |
| | MAXIMUM | 40.6 | 43.2 | 42.6 | 39.5 | 34.8 | 39.9 | 28.0 | 23.9 | 34.4 | 45.3 | 27.4 | - | 45.3 |
| | DAY-HR | 01-01 | 13-06 | 21-06 | 08-09 | 28-22 | 13-03 | 07-22 | 31-00 | 03-03 | 31-09 | 01-12 | - | OCT |
| | # OBS | 739 | 646 | 730 | 720 | 741 | 719 | 736 | 739 | 712 | 733 | 58 | - | 7273 |
| 1995 | MEAN | - | - | - | 9.4 | 13.4 | 13.8 | 11.3 | 9.8 | 11.9 | 12.8 | 17.9 | 22.2 | 14.0 |
| | MAXIMUM | - | - | - | 21.6 | 30.7 | 31.1 | 29.2 | 36.9 | 31.5 | 42.6 | 48.0 | 52.5 | 52.5 |
| | DAY-HR | - | - | - | 23-05 | 11-03 | 17-15 | 26-10 | 06-21 | 26-23 | 25-23 | 18-02 | 12-20 | DEC |
| | # OBS | - | - | - | 196 | 738 | 717 | 731 | 737 | 713 | 737 | 704 | 740 | 6013 |
| 1996 | MEAN | 18.4 | - | - | - | 12.3 | 11.8 | 12.7 | 12.0 | 9.7 | - | - | - | 12.2 |
| | MAXIMUM | 38.3 | - | - | - | 38.9 | 25.9 | 26.2 | 25.9 | 22.9 | - | - | - | 38.9 |
| | DAY-HR | 06-17 | - | - | - | 18-07 | 19-22 | 18-10 | 23-09 | 07-12 | - | - | - | MAY |
| | # OBS | 141 | - | - | - | 709 | 716 | 835 | 787 | 362 | - | - | - | 3550 |
| 1997 | MEAN | 16.9 | 15.9 | 18.0 | 14.6 | 13.4 | 12.3 | 12.1 | 10.8 | 10.8 | - | - | 11.5 | 14.1 |
| | MAXIMUM | 48.4 | 42.0 | 51.1 | 36.7 | 35.4 | 29.2 | 25.5 | 28.6 | 57.0 | - | - | 19.6 | 57.0 |
| | DAY-HR | 01-09 | 19-01 | 30-23 | 20-05 | 03-02 | 03-20 | 27-12 | 26-12 | 09-21 | - | - | 29-23 | SEP |

| | | | | | | | | | | | | | | |
|------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| | # OBS | 737 | 659 | 739 | 712 | 742 | 719 | 733 | 742 | 214 | - | - | 24 | 6021 |
| 1998 | MEAN | 32.7 | - | - | - | 13.9 | 12.4 | 11.3 | 11.2 | 11.7 | 14.6 | 20.9 | 20.9 | 14.2 |
| | MAXIMUM | 50.5 | - | - | - | 28.6 | 26.2 | 31.3 | 25.5 | 26.8 | 42.4 | 56.4 | 47.0 | 56.4 |
| | DAY-HR | 14-16 | - | - | - | 14-13 | 16-06 | 14-19 | 31-03 | 18-10 | 08-07 | 25-03 | 01-19 | NOV |
| | # OBS | 59 | - | - | - | 587 | 692 | 733 | 789 | 710 | 743 | 713 | 257 | 5283 |
| 1999 | MEAN | 17.8 | 25.9 | 19.9 | 15.4 | 14.5 | 9.7 | 11.9 | 10.0 | 12.3 | 14.8 | 19.3 | 18.5 | 15.7 |
| | MAXIMUM | 51.3 | 55.0 | 58.3 | 40.2 | 31.1 | 22.9 | 26.4 | 27.2 | 30.1 | 48.6 | 46.7 | 46.9 | 58.3 |
| | DAY-HR | 29-14 | 05-22 | 03-06 | 10-09 | 07-04 | 25-07 | 09-02 | 22-23 | 25-05 | 28-05 | 09-14 | 09-04 | MAR |
| | # OBS | 678 | 660 | 721 | 719 | 738 | 714 | 731 | 725 | 702 | 667 | 599 | 703 | 8357 |
| 2000 | MEAN | 20.3 | - | - | - | 10.4 | 14.7 | 10.7 | 11.8 | 11.4 | 14.6 | - | 16.8 | 13.1 |
| | MAXIMUM | 59.9 | - | - | - | 29.0 | 39.1 | 25.3 | 25.9 | 34.4 | 52.3 | - | 46.7 | 59.9 |
| | DAY-HR | 16-19 | - | - | - | 27-10 | 11-19 | 16-00 | 18-14 | 14-22 | 28-03 | - | 22-05 | JAN |
| | # OBS | 331 | - | - | - | 691 | 701 | 735 | 741 | 716 | 724 | - | 280 | 4919 |
| 2001 | MEAN | 17.4 | 16.1 | 15.5 | 13.7 | 13.9 | 11.9 | 10.9 | 11.5 | 12.9 | 13.3 | 17.3 | 20.0 | 14.5 |
| | MAXIMUM | 42.4 | 47.6 | 43.2 | 37.7 | 37.5 | 25.7 | 25.1 | 30.3 | 28.6 | 35.8 | 53.3 | 48.2 | 53.3 |
| | DAY-HR | 29-09 | 02-04 | 01-20 | 29-15 | 14-14 | 27-10 | 03-21 | 21-20 | 26-14 | 23-08 | 28-16 | 18-14 | NOV |
| | # OBS | 736 | 672 | 739 | 716 | 738 | 718 | 743 | 740 | 715 | 743 | 717 | 698 | 8675 |
| POR | MEAN | 17.5 | 16.7 | 15.6 | 14.1 | 13.0 | 12.4 | 11.3 | 10.4 | 11.3 | 13.4 | 17.5 | 18.4 | 13.9 |
| | MAXIMUM | 59.9 | 55.0 | 58.3 | 43.0 | 38.9 | 39.9 | 32.5 | 36.9 | 57.0 | 52.3 | 56.4 | 52.5 | 59.9 |
| | YEAR | 2000 | 1999 | 1999 | 1984 | 1996 | 1994 | 1984 | 1995 | 1997 | 2000 | 1998 | 1995 | JAN/2000 |
| | # OBS | 6674 | 5268 | 5085 | 4777 | 7158 | 7371 | 8938 | 8959 | 7708 | 7315 | 5642 | 5656 | 80551 |

STATION: 46029 -- POR (3/1984 - 12/2001)

2 - MEANS & EXTREMES BASED ON HOURLY (GMT) OBSERVATIONS -- MONTHLY & ANNUAL BY YEAR

ELEMENT: SIGNIFICANT WAVE HEIGHT (METERS)

| YEAR | ELEMENT | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN |
|------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| 1984 | MEAN | - | - | 2.3 | 2.7 | 2.1 | 1.5 | 1.2 | 1.1 | 1.6 | 2.6 | 3.4 | 2.7 | 2.1 |
| | MAXIMUM | - | - | 4.6 | 7.2 | 4.9 | 3.7 | 2.8 | 3.3 | 3.2 | 8.6 | 9.4 | 6.9 | 9.4 |
| | DAY-HR | - | - | 29-08 | 10-00 | 23-10 | 07-17 | 02-23 | 28-19 | 20-22 | 13-06 | 03-05 | 13-11 | NOV |
| | # OBS | - | - | 97 | 710 | 732 | 715 | 735 | 726 | 713 | 740 | 710 | 736 | 6614 |
| 1985 | MEAN | 2.2 | 2.6 | 3.0 | 1.8 | - | - | - | - | - | - | - | - | 2.5 |
| | MAXIMUM | 4.1 | 8.0 | 6.6 | 3.4 | - | - | - | - | - | - | - | - | 8.0 |
| | DAY-HR | 20-19 | 11-18 | 05-02 | 11-13 | - | - | - | - | - | - | - | - | FEB |
| | # OBS | 742 | 669 | 736 | 242 | - | - | - | - | - | - | - | - | 2389 |
| 1986 | MEAN | - | 2.5 | 2.2 | - | - | - | - | - | - | - | - | 2.7 | 2.5 |
| | MAXIMUM | - | 5.2 | 4.2 | - | - | - | - | - | - | - | - | 5.7 | 5.7 |
| | DAY-HR | - | 28-14 | 07-15 | - | - | - | - | - | - | - | - | 23-08 | DEC |
| | # OBS | - | 494 | 510 | - | - | - | - | - | - | - | - | 697 | 1701 |
| 1987 | MEAN | 3.4 | - | - | - | - | - | - | - | - | - | - | - | 3.4 |
| | MAXIMUM | 8.7 | - | - | - | - | - | - | - | - | - | - | - | 8.7 |
| | DAY-HR | 03-08 | - | - | - | - | - | - | - | - | - | - | - | JAN |
| | # OBS | 632 | - | - | - | - | - | - | - | - | - | - | - | 632 |
| 1991 | MEAN | - | - | - | - | - | - | - | - | - | 2.0 | 3.0 | 3.2 | 2.8 |
| | MAXIMUM | - | - | - | - | - | - | - | - | - | 3.9 | 8.3 | 6.2 | 8.3 |
| | DAY-HR | - | - | - | - | - | - | - | - | - | 27-12 | 17-04 | 13-01 | NOV |
| | # OBS | - | - | - | - | - | - | - | - | - | 512 | 712 | 742 | 1966 |
| 1992 | MEAN | 3.4 | 2.7 | 2.0 | 2.1 | 1.7 | 1.5 | 1.5 | 1.4 | 1.7 | 2.2 | 2.7 | 3.2 | 2.2 |
| | MAXIMUM | 8.8 | 7.9 | 3.7 | 4.3 | 2.8 | 2.6 | 2.5 | 2.6 | 4.4 | 4.9 | 6.9 | 8.0 | 8.8 |
| | DAY-HR | 31-18 | 01-01 | 27-22 | 17-10 | 20-18 | 10-11 | 09-20 | 09-20 | 24-21 | 31-04 | 22-19 | 17-15 | JAN |
| | # OBS | 736 | 689 | 733 | 720 | 741 | 627 | 740 | 732 | 709 | 732 | 699 | 732 | 8590 |
| 1993 | MEAN | 2.3 | 2.2 | 3.2 | - | - | 1.4 | 1.5 | 1.6 | 1.4 | 1.6 | 2.4 | 3.2 | 2.0 |
| | MAXIMUM | 7.5 | 4.6 | 4.6 | - | - | 2.1 | 3.0 | 3.2 | 3.1 | 4.5 | 5.8 | 8.7 | 8.7 |
| | DAY-HR | 20-16 | 06-00 | 04-00 | - | - | 23-02 | 07-17 | 24-04 | 12-14 | 23-22 | 12-04 | 10-11 | DEC |
| | # OBS | 735 | 615 | 72 | - | - | 331 | 730 | 732 | 713 | 741 | 716 | 735 | 6120 |
| 1994 | MEAN | 2.6 | 2.7 | 2.8 | 2.4 | 2.0 | 1.6 | 1.5 | 1.0 | 1.8 | 2.4 | 3.6 | 3.7 | 2.4 |
| | MAXIMUM | 5.3 | 7.1 | 7.7 | 4.8 | 4.6 | 5.9 | 3.1 | 2.3 | 3.4 | 5.8 | 7.4 | 7.8 | 7.8 |
| | DAY-HR | 01-08 | 13-09 | 21-12 | 26-04 | 29-02 | 14-01 | 05-10 | 24-15 | 26-11 | 31-16 | 16-18 | 20-01 | DEC |
| | # OBS | 736 | 638 | 721 | 719 | 735 | 712 | 707 | 739 | 710 | 731 | 709 | 738 | 8595 |
| 1995 | MEAN | 2.6 | - | - | 1.4 | 1.9 | 1.9 | 1.3 | 1.3 | 1.7 | 2.5 | 2.9 | 3.3 | 2.1 |
| | MAXIMUM | 7.0 | - | - | 2.2 | 3.5 | 4.5 | 2.5 | 3.0 | 4.0 | 5.3 | 6.3 | 7.1 | 7.1 |
| | DAY-HR | 08-17 | - | - | 25-01 | 12-13 | 07-10 | 26-13 | 07-19 | 29-03 | 21-17 | 12-02 | 11-09 | DEC |
| | # OBS | 190 | - | - | 174 | 738 | 715 | 730 | 737 | 709 | 725 | 699 | 738 | 6155 |
| 1996 | MEAN | 3.3 | - | - | - | 1.7 | 1.5 | 1.6 | 1.4 | 1.3 | - | - | - | 1.6 |

| | | | | | | | | | | | | | | |
|------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| | MAXIMUM | 5.8 | - | - | - | 4.0 | 2.6 | 3.7 | 2.6 | 2.2 | - | - | - | 5.8 |
| | DAY-HR | 03-14 | - | - | - | 18-09 | 07-20 | 15-15 | 05-23 | 10-03 | - | - | - | JAN |
| | # OBS | 139 | - | - | - | 703 | 713 | 834 | 787 | 371 | - | - | - | 3547 |
| 1997 | MEAN | 2.2 | 2.6 | 3.1 | 2.1 | 1.5 | 1.7 | 1.3 | 1.5 | 2.1 | 2.6 | 2.8 | 3.3 | 2.2 |
| | MAXIMUM | 5.0 | 7.0 | 8.8 | 5.2 | 4.2 | 3.9 | 3.1 | 3.9 | 6.6 | 6.8 | 7.7 | 6.6 | 8.8 |
| | DAY-HR | 18-19 | 12-13 | 31-01 | 30-20 | 01-00 | 19-02 | 09-02 | 15-20 | 27-05 | 30-12 | 19-20 | 14-12 | MAR |
| | # OBS | 717 | 649 | 722 | 703 | 732 | 711 | 727 | 734 | 713 | 711 | 694 | 733 | 8546 |
| 1998 | MEAN | 3.5 | - | - | - | 2.0 | 1.8 | 1.4 | 1.3 | 1.9 | 2.4 | 3.9 | 4.6 | 2.3 |
| | MAXIMUM | 7.8 | - | - | - | 4.4 | 3.7 | 2.7 | 2.3 | 4.0 | 5.1 | 9.5 | 8.5 | 9.5 |
| | DAY-HR | 17-12 | - | - | - | 15-07 | 12-19 | 15-03 | 31-00 | 22-23 | 24-15 | 24-08 | 03-22 | NOV |
| | # OBS | 546 | - | - | - | 582 | 688 | 727 | 782 | 691 | 738 | 705 | 255 | 5714 |
| 1999 | MEAN | 3.4 | 4.9 | 3.8 | 2.3 | 2.0 | 1.7 | 1.4 | 1.2 | 1.8 | 2.2 | 3.4 | 3.3 | 2.6 |
| | MAXIMUM | 9.2 | 9.8 | 12.8 | 7.0 | 3.9 | 3.9 | 3.9 | 2.3 | 5.0 | 8.8 | 7.0 | 6.7 | 12.8 |
| | DAY-HR | 29-15 | 16-18 | 03-08 | 05-17 | 08-05 | 06-04 | 14-12 | 29-16 | 25-18 | 28-11 | 09-18 | 09-05 | MAR |
| | # OBS | 677 | 658 | 716 | 699 | 717 | 700 | 716 | 702 | 692 | 660 | 595 | 686 | 8218 |
| 2000 | MEAN | 3.5 | - | - | - | 1.2 | 1.8 | - | 1.6 | 1.7 | 2.7 | - | 3.1 | 2.0 |
| | MAXIMUM | 8.9 | - | - | - | 3.1 | 4.7 | - | 2.6 | 3.6 | 8.9 | - | 7.5 | 8.9 |
| | DAY-HR | 16-19 | - | - | - | 27-12 | 12-12 | - | 31-22 | 09-12 | 28-21 | - | 22-16 | OCT |
| | # OBS | 322 | - | - | - | 537 | 590 | - | 722 | 716 | 722 | - | 271 | 3880 |
| 2001 | MEAN | 3.5 | 2.7 | 3.0 | 2.3 | 2.0 | 1.4 | 1.4 | 1.6 | 2.0 | 2.8 | 3.5 | 4.1 | 2.5 |
| | MAXIMUM | 6.4 | 7.1 | 7.3 | 4.9 | 5.4 | 3.5 | 2.6 | 4.8 | 4.7 | 9.4 | 8.9 | 10.1 | 10.1 |
| | DAY-HR | 29-17 | 03-01 | 02-18 | 29-17 | 01-19 | 27-20 | 25-09 | 22-23 | 30-18 | 23-13 | 28-17 | 14-12 | DEC |
| | # OBS | 735 | 672 | 736 | 712 | 732 | 715 | 742 | 735 | 710 | 743 | 717 | 683 | 8632 |
| POR | MEAN | 3.0 | 2.9 | 2.9 | 2.2 | 1.8 | 1.6 | 1.4 | 1.4 | 1.7 | 2.4 | 3.1 | 3.3 | 2.3 |
| | MAXIMUM | 9.2 | 9.8 | 12.8 | 7.2 | 5.4 | 5.9 | 3.9 | 4.8 | 6.6 | 9.4 | 9.5 | 10.1 | 12.8 |
| | YEAR | 1999 | 1999 | 1999 | 1984 | 2001 | 1994 | 1999 | 2001 | 1997 | 2001 | 1998 | 2001 | MAR/1999 |
| | # OBS | 6907 | 5084 | 5043 | 4679 | 6949 | 7217 | 7388 | 8128 | 7447 | 7755 | 6956 | 7746 | 81299 |

STATION: 46029

3 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS AVERAGE WIND DIRECTION(TENS OF DEGREES)

Month: JAN

| WIND SPEED | WIND DIRECTION | | | | | | | | | | | | | TOT % | TOT N |
|------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | CALM | 35-01 | 02-04 | 05-07 | 08-10 | 11-13 | 14-16 | 17-19 | 20-22 | 23-25 | 26-28 | 29-31 | 32-34 | | |
| 0 | 0.4 | - | * | * | - | 0.1 | * | 0.1 | 0.1 | * | * | * | * | 0.8 | 51 |
| 1 - 3 | | 0.6 | 0.2 | 0.5 | 0.5 | 0.5 | 0.2 | 0.4 | 0.5 | 0.4 | 0.4 | 0.3 | 0.3 | 4.6 | 304 |
| 4 - 6 | | 0.6 | 1.1 | 1.2 | 1.7 | 1.0 | 0.7 | 0.7 | 0.7 | 0.6 | 0.4 | 0.5 | 0.5 | 9.7 | 637 |
| 7 - 10 | | 0.7 | 1.4 | 2.0 | 5.2 | 1.8 | 1.7 | 2.0 | 1.5 | 1.1 | 1.0 | 0.6 | 0.8 | 19.7 | 1292 |
| 11 - 15 | | 0.4 | 0.6 | 4.1 | 9.4 | 1.1 | 2.1 | 3.8 | 2.4 | 1.4 | 1.1 | 0.6 | 0.6 | 27.7 | 1815 |
| 16 - 20 | | 0.1 | 0.2 | 3.5 | 6.0 | 0.4 | 2.0 | 5.2 | 2.3 | 1.5 | 1.0 | 0.4 | 0.3 | 22.8 | 1490 |
| 21 - 24 | | - | - | 0.4 | 1.0 | 0.2 | 1.3 | 3.5 | 1.1 | 0.5 | 0.4 | 0.2 | 0.1 | 8.6 | 562 |
| 25 - 33 | | * | - | 0.1 | 0.2 | * | 1.1 | 3.4 | 0.5 | 0.1 | 0.1 | * | * | 5.5 | 362 |
| 34 - 47 | | - | - | - | - | - | 0.1 | 0.4 | * | * | - | - | - | 0.5 | 34 |
| > 48 | | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| TOTAL % | 0.4 | 2.4 | 3.4 | 11.9 | 23.8 | 5.1 | 9.3 | 19.4 | 9.1 | 5.6 | 4.3 | 2.7 | 2.6 | 100.0 | |
| TOTAL N | 28 | 159 | 224 | 780 | 1560 | 331 | 609 | 1269 | 597 | 364 | 279 | 174 | 173 | | 6547 |

(* < 0.05%)

STATION: 46029

3 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS AVERAGE WIND DIRECTION(TENS OF DEGREES)

Month: FEB

| WIND SPEED | WIND DIRECTION | | | | | | | | | | | | | TOT % | TOT N |
|------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | CALM | 35-01 | 02-04 | 05-07 | 08-10 | 11-13 | 14-16 | 17-19 | 20-22 | 23-25 | 26-28 | 29-31 | 32-34 | | |
| 0 | 0.7 | - | * | * | * | 0.1 | - | - | 0.1 | - | - | 0.1 | * | 1.1 | 57 |
| 1 - 3 | | 0.6 | 0.5 | 0.5 | 0.5 | 0.4 | 0.3 | 0.3 | 0.5 | 0.2 | 0.4 | 0.6 | 0.5 | 5.2 | 276 |
| 4 - 6 | | 1.1 | 0.9 | 1.3 | 1.7 | 0.9 | 0.5 | 1.0 | 0.7 | 0.8 | 0.7 | 0.8 | 0.9 | 11.4 | 603 |
| 7 - 10 | | 2.0 | 1.3 | 2.7 | 4.8 | 1.3 | 1.2 | 1.9 | 1.6 | 0.9 | 1.2 | 0.9 | 1.2 | 21.1 | 1114 |
| 11 - 15 | | 2.4 | 0.7 | 3.3 | 8.0 | 1.0 | 1.5 | 2.8 | 2.5 | 2.0 | 1.2 | 1.1 | 1.4 | 27.8 | 1467 |
| 16 - 20 | | 0.7 | 0.2 | 1.2 | 4.7 | 0.3 | 1.5 | 4.3 | 2.7 | 1.4 | 0.9 | 0.7 | 0.5 | 19.1 | 1011 |
| 21 - 24 | | - | - | 0.2 | 1.5 | 0.1 | 1.2 | 3.2 | 1.0 | 0.6 | 0.4 | 0.1 | - | 8.3 | 439 |
| 25 - 33 | | - | - | 0.1 | * | * | 1.2 | 3.0 | 0.7 | 0.2 | 0.2 | * | - | 5.5 | 288 |
| 34 - 47 | | - | - | - | - | - | * | 0.4 | - | - | - | * | - | 0.5 | 25 |
| > 48 | | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| TOTAL % | 0.7 | 6.8 | 3.7 | 9.4 | 21.3 | 4.2 | 7.3 | 17.0 | 9.7 | 6.1 | 5.0 | 4.4 | 4.5 | 100.0 | |
| TOTAL N | 38 | 361 | 197 | 498 | 1122 | 221 | 383 | 896 | 511 | 320 | 264 | 232 | 237 | | 5280 |

(* < 0.05%)

STATION: 46029

3 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS AVERAGE WIND DIRECTION(TENS OF DEGREES)

Month: MAR

| WIND SPEED | CALM | WIND DIRECTION | | | | | | | | | | | | TOT % | TOT N |
|------------|------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 35-01 | 02-04 | 05-07 | 08-10 | 11-13 | 14-16 | 17-19 | 20-22 | 23-25 | 26-28 | 29-31 | 32-34 | | |
| 0 | 0.6 | 0.1 | * | * | * | * | * | * | * | * | * | * | * | 0.9 | 47 |
| 1 - 3 | | 0.8 | 0.7 | 0.7 | 0.5 | 0.4 | 0.3 | 0.3 | 0.5 | 0.6 | 0.6 | 0.7 | 0.9 | 6.9 | 352 |
| 4 - 6 | | 1.2 | 1.3 | 1.1 | 1.2 | 0.6 | 0.6 | 1.1 | 1.3 | 1.1 | 1.0 | 1.3 | 1.7 | 13.5 | 686 |
| 7 - 10 | | 2.8 | 1.8 | 2.1 | 2.8 | 0.9 | 1.3 | 2.7 | 2.6 | 1.8 | 1.0 | 1.9 | 3.0 | 24.8 | 1263 |
| 11 - 15 | | 2.2 | 0.8 | 1.7 | 2.8 | 1.0 | 1.6 | 3.3 | 2.9 | 2.6 | 1.7 | 1.3 | 3.9 | 25.9 | 1319 |
| 16 - 20 | | 0.9 | 0.1 | 0.6 | 0.7 | 0.3 | 2.2 | 4.2 | 2.6 | 1.7 | 1.5 | 0.8 | 1.4 | 16.9 | 862 |
| 21 - 24 | | * | * | - | 0.1 | * | 1.2 | 2.3 | 0.9 | 0.6 | 0.3 | 0.1 | * | 5.7 | 288 |
| 25 - 33 | | - | - | - | * | - | 0.8 | 2.5 | 0.8 | 0.3 | 0.1 | - | - | 4.6 | 232 |
| 34 - 47 | | - | - | - | - | - | 0.1 | 0.5 | 0.1 | * | - | - | - | 0.7 | 38 |
| > 48 | | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| TOTAL % | 0.6 | 8.0 | 4.8 | 6.3 | 8.1 | 3.3 | 8.0 | 17.0 | 11.7 | 8.9 | 6.0 | 6.2 | 11.0 | 100.0 | |
| TOTAL N | 28 | 409 | 245 | 320 | 414 | 169 | 409 | 866 | 596 | 451 | 304 | 317 | 559 | | 5087 |

(* < 0.05%)

STATION: 46029

3 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS AVERAGE WIND DIRECTION(TENS OF DEGREES)

Month: APR

| WIND SPEED | CALM | WIND DIRECTION | | | | | | | | | | | | TOT % | TOT N |
|------------|------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 35-01 | 02-04 | 05-07 | 08-10 | 11-13 | 14-16 | 17-19 | 20-22 | 23-25 | 26-28 | 29-31 | 32-34 | | |
| 0 | 0.4 | - | * | - | * | 0.1 | - | - | 0.1 | 0.1 | 0.1 | * | * | 0.9 | 41 |
| 1 - 3 | | 0.5 | 0.4 | 0.3 | 0.7 | 0.6 | 0.6 | 0.7 | 0.6 | 0.9 | 0.9 | 0.8 | 0.5 | 7.6 | 361 |
| 4 - 6 | | 1.2 | 0.6 | 0.6 | 0.8 | 0.8 | 0.8 | 1.2 | 1.0 | 1.5 | 1.8 | 1.7 | 1.6 | 13.5 | 646 |
| 7 - 10 | | 1.7 | 0.7 | 0.7 | 1.5 | 1.5 | 1.2 | 2.8 | 3.2 | 2.6 | 2.9 | 4.1 | 3.8 | 26.7 | 1276 |
| 11 - 15 | | 2.7 | 0.5 | 1.1 | 2.3 | 0.4 | 1.1 | 5.5 | 3.7 | 2.1 | 2.2 | 4.0 | 6.0 | 31.5 | 1505 |
| 16 - 20 | | 0.8 | 0.1 | 0.1 | 0.4 | 0.1 | 1.3 | 4.0 | 1.4 | 1.0 | 0.5 | 1.3 | 2.8 | 13.8 | 661 |
| 21 - 24 | | - | - | 0.1 | - | - | 0.7 | 2.2 | 0.3 | 0.3 | * | 0.2 | 0.3 | 4.0 | 190 |
| 25 - 33 | | - | - | - | - | - | 0.5 | 1.1 | * | 0.1 | 0.1 | 0.3 | * | 2.1 | 98 |
| 34 - 47 | | - | - | - | - | - | - | * | - | - | - | - | - | 0.0 | 1 |
| > 48 | | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| TOTAL % | 0.4 | 6.8 | 2.4 | 2.9 | 5.7 | 3.5 | 6.2 | 17.4 | 10.3 | 8.5 | 8.5 | 12.3 | 15.1 | 100.0 | |
| TOTAL N | 18 | 326 | 114 | 140 | 273 | 166 | 297 | 833 | 492 | 406 | 407 | 587 | 720 | | 4779 |

(* < 0.05%)

STATION: 46029

3 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS AVERAGE WIND DIRECTION(TENS OF DEGREES)

Month: MAY

| WIND SPEED | CALM | WIND DIRECTION | | | | | | | | | | | | TOT % | TOT N |
|------------|------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 35-01 | 02-04 | 05-07 | 08-10 | 11-13 | 14-16 | 17-19 | 20-22 | 23-25 | 26-28 | 29-31 | 32-34 | | |
| 0 | 0.2 | 0.1 | * | - | 0.1 | 0.1 | - | 0.1 | 0.1 | * | 0.1 | * | 0.1 | 0.8 | 60 |
| 1 - 3 | | 0.7 | 0.6 | 0.5 | 0.6 | 0.7 | 0.6 | 0.5 | 0.7 | 0.9 | 1.1 | 0.9 | 0.8 | 8.7 | 624 |
| 4 - 6 | | 1.3 | 0.7 | 0.4 | 0.7 | 0.8 | 0.8 | 1.1 | 1.2 | 1.5 | 1.9 | 2.7 | 2.6 | 15.7 | 1126 |
| 7 - 10 | | 2.8 | 0.9 | 0.4 | 0.6 | 0.6 | 0.9 | 2.2 | 2.4 | 2.4 | 2.8 | 5.0 | 6.2 | 27.0 | 1936 |
| 11 - 15 | | 5.4 | 0.3 | 0.2 | 0.4 | 0.2 | 0.9 | 2.8 | 3.2 | 2.4 | 2.5 | 4.5 | 8.9 | 31.7 | 2274 |
| 16 - 20 | | 2.4 | 0.1 | 0.1 | 0.2 | 0.1 | 0.6 | 2.1 | 1.5 | 0.9 | 0.6 | 1.1 | 4.4 | 13.9 | 999 |
| 21 - 24 | | 0.1 | - | - | * | - | 0.2 | 0.9 | 0.1 | 0.1 | 0.1 | * | 0.3 | 1.7 | 119 |
| 25 - 33 | | - | - | - | - | - | * | 0.3 | - | - | * | - | - | 0.3 | 25 |
| 34 - 47 | | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| > 48 | | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| TOTAL % | 0.2 | 12.8 | 2.6 | 1.6 | 2.5 | 2.4 | 4.0 | 10.0 | 9.2 | 8.2 | 9.1 | 14.2 | 23.3 | 100.0 | |
| TOTAL N | 13 | 914 | 186 | 112 | 182 | 175 | 283 | 715 | 657 | 584 | 653 | 1019 | 1670 | | 7163 |

(* < 0.05%)

STATION: 46029

3 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS AVERAGE WIND DIRECTION(TENS OF DEGREES)

Month: JUN

| WIND SPEED | CALM | WIND DIRECTION | | | | | | | | | | | | TOT % | TOT N | |
|------------|------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| | | 35-01 | 02-04 | 05-07 | 08-10 | 11-13 | 14-16 | 17-19 | 20-22 | 23-25 | 26-28 | 29-31 | 32-34 | | | |
| 0 | 0.1 | * | * | * | * | * | * | * | * | * | 0.1 | * | 0.1 | 0.1 | 0.6 | 42 |
| 1 - 3 | | 0.7 | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 | 0.7 | 0.8 | 0.7 | 1.0 | 0.9 | 1.0 | 7.4 | 545 | |
| 4 - 6 | | 1.5 | 0.5 | 0.4 | 0.2 | 0.3 | 0.4 | 1.2 | 1.6 | 1.9 | 2.1 | 3.3 | 3.5 | 17.1 | 1258 | |
| 7 - 10 | | 3.9 | 0.6 | 0.2 | 0.4 | 0.5 | 0.9 | 2.8 | 3.0 | 2.8 | 3.0 | 5.5 | 8.3 | 31.9 | 2350 | |
| 11 - 15 | | 6.3 | 0.2 | 0.1 | 0.1 | 0.1 | 0.8 | 2.7 | 2.1 | 2.0 | 2.2 | 3.9 | 10.3 | 30.9 | 2280 | |
| 16 - 20 | | 1.9 | * | - | * | - | 0.4 | 1.7 | 0.3 | 0.4 | 0.4 | 0.9 | 4.9 | 10.9 | 807 | |
| 21 - 24 | | 0.1 | - | - | - | - | 0.1 | 0.3 | 0.1 | 0.1 | * | * | 0.3 | 1.1 | 78 | |
| 25 - 33 | | - | - | - | - | - | 0.1 | 0.1 | * | - | - | - | - | 0.2 | 13 | |
| 34 - 47 | | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 | |
| > 48 | | * | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 1 | |
| TOTAL % | 0.1 | 14.5 | 1.7 | 1.0 | 1.1 | 1.2 | 3.1 | 9.6 | 8.0 | 8.0 | 8.8 | 14.6 | 28.4 | 100.0 | | |
| TOTAL N | 9 | 1067 | 129 | 75 | 79 | 92 | 230 | 705 | 588 | 587 | 646 | 1073 | 2094 | | 7374 | |

(* < 0.05%)

STATION: 46029

3 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS AVERAGE WIND DIRECTION(TENS OF DEGREES)

Month: JUL

| WIND SPEED | CALM | WIND DIRECTION | | | | | | | | | | | | TOT % | TOT N |
|------------|------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 35-01 | 02-04 | 05-07 | 08-10 | 11-13 | 14-16 | 17-19 | 20-22 | 23-25 | 26-28 | 29-31 | 32-34 | | |
| 0 | 0.8 | * | 0.1 | * | * | 0.1 | * | * | * | 0.1 | * | * | * | 1.3 | 113 |
| 1 - 3 | | 0.8 | 0.5 | 0.4 | 0.4 | 0.6 | 0.7 | 0.9 | 1.3 | 1.4 | 1.5 | 1.3 | 1.2 | 11.1 | 989 |
| 4 - 6 | | 2.7 | 0.6 | 0.2 | 0.2 | 0.2 | 0.9 | 1.7 | 1.9 | 1.6 | 2.8 | 3.4 | 4.0 | 20.3 | 1812 |
| 7 - 10 | | 7.2 | 0.6 | * | - | 0.1 | 1.0 | 2.0 | 1.5 | 0.9 | 2.2 | 3.7 | 10.1 | 29.4 | 2625 |
| 11 - 15 | | 8.0 | 0.2 | * | - | * | 0.9 | 1.9 | 0.7 | 0.3 | 0.6 | 1.7 | 13.7 | 28.2 | 2526 |
| 16 - 20 | | 3.0 | * | - | - | - | 0.3 | 0.5 | 0.2 | - | * | 0.1 | 5.1 | 9.2 | 825 |
| 21 - 24 | | 0.1 | - | - | - | - | 0.1 | 0.1 | * | - | - | - | 0.2 | 0.6 | 52 |
| 25 - 33 | | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 34 - 47 | | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| > 48 | | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| TOTAL % | 0.8 | 21.9 | 2.0 | 0.7 | 0.6 | 1.0 | 3.9 | 7.2 | 5.7 | 4.4 | 7.3 | 10.3 | 34.4 | 100.0 | |
| TOTAL N | 69 | 1955 | 178 | 59 | 57 | 88 | 345 | 644 | 510 | 391 | 650 | 918 | 3078 | | 8942 |

(* < 0.05%)

STATION: 46029

3 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS AVERAGE WIND DIRECTION(TENS OF DEGREES)

Month: AUG

| WIND SPEED | CALM | WIND DIRECTION | | | | | | | | | | | | TOT % | TOT N |
|------------|------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 35-01 | 02-04 | 05-07 | 08-10 | 11-13 | 14-16 | 17-19 | 20-22 | 23-25 | 26-28 | 29-31 | 32-34 | | |
| 0 | 0.9 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | * | 0.1 | * | 0.1 | * | 1.8 | 160 |
| 1 - 3 | | 1.2 | 0.8 | 0.5 | 0.6 | 0.8 | 1.0 | 1.5 | 1.6 | 1.4 | 1.6 | 1.6 | 1.5 | 14.0 | 1254 |
| 4 - 6 | | 2.8 | 1.2 | 0.4 | 0.4 | 0.7 | 1.4 | 3.9 | 3.2 | 2.2 | 1.8 | 2.9 | 3.9 | 24.8 | 2226 |
| 7 - 10 | | 5.3 | 1.4 | 0.3 | 0.2 | 0.4 | 1.5 | 4.0 | 2.2 | 1.1 | 1.0 | 2.8 | 8.7 | 28.7 | 2574 |
| 11 - 15 | | 5.8 | 0.7 | 0.1 | * | * | 1.3 | 2.9 | 0.5 | 0.3 | 0.3 | 0.7 | 8.1 | 20.7 | 1856 |
| 16 - 20 | | 3.0 | 0.3 | - | - | - | 0.3 | 1.2 | * | * | - | * | 4.2 | 9.0 | 811 |
| 21 - 24 | | 0.1 | - | - | - | - | * | 0.6 | - | - | - | * | 0.2 | 0.9 | 77 |
| 25 - 33 | | - | - | - | - | - | - | 0.1 | - | - | - | - | - | 0.1 | 6 |
| 34 - 47 | | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| > 48 | | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| TOTAL % | 0.9 | 18.2 | 4.5 | 1.4 | 1.4 | 2.1 | 5.6 | 14.2 | 7.6 | 5.1 | 4.6 | 8.1 | 26.6 | 100.0 | |
| TOTAL N | 77 | 1627 | 401 | 125 | 123 | 191 | 499 | 1269 | 679 | 455 | 412 | 722 | 2384 | | 8964 |

(* < 0.05%)

STATION: 46029

3 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS AVERAGE WIND DIRECTION(TENS OF DEGREES)

Month: SEP

| WIND SPEED | CALM | WIND DIRECTION | | | | | | | | | | | | TOT % | TOT N |
|------------|------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 35-01 | 02-04 | 05-07 | 08-10 | 11-13 | 14-16 | 17-19 | 20-22 | 23-25 | 26-28 | 29-31 | 32-34 | | |
| 0 | 0.7 | * | 0.1 | * | * | 0.1 | * | * | 0.1 | 0.1 | * | 0.1 | * | 1.4 | 113 |
| 1 - 3 | | 1.0 | 0.7 | 0.6 | 0.6 | 0.5 | 0.8 | 1.1 | 1.3 | 1.0 | 1.4 | 0.9 | 1.1 | 11.1 | 909 |
| 4 - 6 | | 2.4 | 1.6 | 0.9 | 1.0 | 0.9 | 1.5 | 2.4 | 2.1 | 1.2 | 1.4 | 2.0 | 2.5 | 19.9 | 1631 |
| 7 - 10 | | 5.9 | 1.9 | 1.3 | 1.1 | 0.8 | 1.6 | 4.1 | 2.0 | 1.3 | 0.9 | 1.5 | 5.8 | 28.4 | 2332 |
| 11 - 15 | | 6.7 | 1.7 | 2.0 | 0.9 | 0.2 | 1.2 | 3.4 | 1.4 | 1.1 | 0.4 | 0.9 | 6.5 | 26.6 | 2181 |
| 16 - 20 | | 2.8 | 0.4 | 0.8 | 0.2 | 0.1 | 0.8 | 1.9 | 0.5 | 0.3 | 0.1 | 0.3 | 2.8 | 11.1 | 911 |
| 21 - 24 | | * | * | * | - | * | 0.1 | 0.5 | 0.3 | 0.2 | * | * | * | 1.1 | 90 |
| 25 - 33 | | * | - | - | - | - | 0.1 | 0.2 | 0.2 | * | * | * | * | 0.5 | 43 |
| 34 - 47 | | - | - | - | - | - | * | * | - | - | - | - | - | 0.0 | 3 |
| > 48 | | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| TOTAL % | 0.7 | 19.0 | 6.4 | 5.7 | 3.9 | 2.6 | 6.2 | 13.7 | 7.8 | 5.2 | 4.3 | 5.8 | 18.8 | 100.0 | |
| TOTAL N | 57 | 1558 | 528 | 465 | 321 | 214 | 507 | 1128 | 637 | 429 | 356 | 473 | 1540 | | 8213 |

(* < 0.05%)

STATION: 46029

3 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS AVERAGE WIND DIRECTION(TENS OF DEGREES)

Month: OCT

| WIND SPEED | CALM | WIND DIRECTION | | | | | | | | | | | | TOT % | TOT N |
|------------|------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 35-01 | 02-04 | 05-07 | 08-10 | 11-13 | 14-16 | 17-19 | 20-22 | 23-25 | 26-28 | 29-31 | 32-34 | | |
| 0 | 0.2 | - | * | * | * | * | * | * | 0.1 | 0.1 | 0.1 | * | * | 0.8 | 64 |
| 1 - 3 | | 0.9 | 0.7 | 0.5 | 0.6 | 0.7 | 0.7 | 0.8 | 0.8 | 0.7 | 0.8 | 0.9 | 0.7 | 8.9 | 719 |
| 4 - 6 | | 1.7 | 1.5 | 1.1 | 1.0 | 1.2 | 1.1 | 1.8 | 1.6 | 1.1 | 1.2 | 1.2 | 1.4 | 15.9 | 1278 |
| 7 - 10 | | 3.2 | 2.5 | 1.5 | 2.3 | 1.6 | 2.2 | 3.5 | 2.2 | 1.2 | 1.4 | 2.0 | 3.3 | 26.8 | 2159 |
| 11 - 15 | | 4.2 | 1.8 | 1.8 | 2.3 | 0.6 | 2.1 | 3.4 | 1.8 | 1.6 | 1.1 | 2.2 | 3.7 | 26.5 | 2136 |
| 16 - 20 | | 1.6 | 0.3 | 0.5 | 0.6 | 0.1 | 2.1 | 3.0 | 0.9 | 0.9 | 0.5 | 0.8 | 2.0 | 13.3 | 1073 |
| 21 - 24 | | * | - | * | 0.1 | * | 1.5 | 1.7 | 0.4 | 0.3 | 0.3 | 0.1 | * | 4.5 | 366 |
| 25 - 33 | | - | - | - | * | * | 1.0 | 1.2 | 0.3 | 0.3 | 0.1 | * | - | 3.0 | 238 |
| 34 - 47 | | - | - | - | - | - | * | 0.1 | * | * | - | - | - | 0.2 | 17 |
| > 48 | | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| TOTAL % | 0.2 | 11.7 | 6.8 | 5.5 | 6.9 | 4.3 | 10.9 | 15.4 | 8.1 | 6.1 | 5.7 | 7.3 | 11.1 | 100.0 | |

TOTAL N 19 941 546 442 554 345 877 1240 655 495 455 585 896 8050
 (* < 0.05%)

STATION: 46029

3 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS AVERAGE WIND DIRECTION(TENS OF DEGREES)

Month: NOV

| WIND SPEED | CALM | WIND DIRECTION | | | | | | | | | | | | TOT % | TOT N |
|------------|------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 35-01 | 02-04 | 05-07 | 08-10 | 11-13 | 14-16 | 17-19 | 20-22 | 23-25 | 26-28 | 29-31 | 32-34 | | |
| 0 | 0.1 | * | * | * | - | * | * | * | * | * | * | - | - | 0.3 | 19 |
| 1 - 3 | | 0.3 | 0.3 | 0.6 | 0.7 | 0.4 | 0.6 | 0.4 | 0.4 | 0.3 | 0.3 | 0.4 | 0.4 | 5.1 | 317 |
| 4 - 6 | | 0.5 | 0.6 | 0.9 | 1.2 | 1.0 | 0.7 | 1.1 | 1.0 | 0.8 | 0.6 | 0.5 | 0.5 | 9.4 | 581 |
| 7 - 10 | | 1.0 | 1.1 | 1.2 | 3.1 | 2.0 | 1.9 | 3.2 | 2.0 | 1.2 | 1.3 | 1.0 | 1.0 | 20.1 | 1240 |
| 11 - 15 | | 0.8 | 1.0 | 1.2 | 5.9 | 1.7 | 3.3 | 5.8 | 2.5 | 1.1 | 1.6 | 1.0 | 0.9 | 26.9 | 1659 |
| 16 - 20 | | 0.3 | 0.2 | 0.6 | 5.2 | 0.8 | 3.4 | 4.2 | 3.0 | 0.9 | 1.3 | 0.9 | 0.3 | 21.1 | 1298 |
| 21 - 24 | | * | - | 0.1 | 1.9 | 0.3 | 1.7 | 3.1 | 1.6 | 0.6 | 0.3 | 0.3 | 0.1 | 9.9 | 609 |
| 25 - 33 | | - | - | - | 0.2 | 0.1 | 1.2 | 3.9 | 0.4 | 0.2 | 0.1 | 0.1 | * | 6.3 | 387 |
| 34 - 47 | | - | - | - | - | - | 0.2 | 0.6 | * | - | - | - | - | 0.8 | 51 |
| > 48 | | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| TOTAL % | 0.1 | 3.0 | 3.3 | 4.6 | 18.0 | 6.3 | 13.0 | 22.4 | 11.1 | 5.2 | 5.7 | 4.1 | 3.2 | 100.0 | |
| TOTAL N | 4 | 184 | 204 | 284 | 1111 | 391 | 800 | 1380 | 683 | 319 | 350 | 254 | 197 | | 6161 |

(* < 0.05%)

STATION: 46029

3 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS AVERAGE WIND DIRECTION(TENS OF DEGREES)

Month: DEC

| WIND SPEED | CALM | WIND DIRECTION | | | | | | | | | | | | TOT % | TOT N |
|------------|------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 35-01 | 02-04 | 05-07 | 08-10 | 11-13 | 14-16 | 17-19 | 20-22 | 23-25 | 26-28 | 29-31 | 32-34 | | |
| 0 | 0.9 | * | - | * | 0.1 | * | - | * | - | * | * | * | - | 1.1 | 61 |
| 1 - 3 | | 0.2 | 0.3 | 0.3 | 0.6 | 0.5 | 0.3 | 0.2 | 0.3 | 0.3 | 0.3 | 0.2 | 0.1 | 3.7 | 204 |
| 4 - 6 | | 0.3 | 0.7 | 0.8 | 0.7 | 0.8 | 0.5 | 0.5 | 0.7 | 0.6 | 0.7 | 0.3 | 0.3 | 7.0 | 385 |
| 7 - 10 | | 0.6 | 1.1 | 1.7 | 5.0 | 1.9 | 1.0 | 1.6 | 1.6 | 1.5 | 1.5 | 1.4 | 0.6 | 19.4 | 1069 |
| 11 - 15 | | 0.6 | 1.3 | 2.1 | 7.9 | 2.5 | 2.6 | 2.8 | 2.3 | 2.1 | 1.7 | 1.6 | 0.6 | 28.0 | 1543 |
| 16 - 20 | | 0.3 | 0.4 | 1.7 | 6.6 | 1.2 | 2.1 | 3.3 | 2.3 | 1.9 | 1.2 | 1.2 | 0.3 | 22.5 | 1238 |
| 21 - 24 | | * | 0.1 | 0.3 | 3.2 | 0.2 | 1.1 | 2.7 | 1.1 | 0.7 | 0.5 | 0.6 | 0.1 | 10.6 | 582 |
| 25 - 33 | | - | - | 0.1 | 0.6 | 0.1 | 1.2 | 3.3 | 0.7 | 0.3 | 0.2 | 0.2 | - | 6.7 | 369 |
| 34 - 47 | | - | - | - | - | - | 0.1 | 0.8 | 0.1 | * | * | - | - | 1.1 | 60 |
| > 48 | | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| TOTAL % | 0.9 | 2.0 | 4.0 | 7.0 | 24.6 | 7.1 | 9.0 | 15.2 | 9.2 | 7.3 | 6.2 | 5.4 | 2.1 | 100.0 | |
| TOTAL N | 48 | 112 | 218 | 388 | 1354 | 394 | 495 | 838 | 506 | 404 | 341 | 297 | 116 | | 5511 |

(* < 0.05%)

STATION: 46029

3 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS AVERAGE WIND DIRECTION(TENS OF DEGREES)

All Months: Annual

| WIND SPEED | CALM | WIND DIRECTION | | | | | | | | | | | | TOT % | TOT N |
|------------|------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 35-01 | 02-04 | 05-07 | 08-10 | 11-13 | 14-16 | 17-19 | 20-22 | 23-25 | 26-28 | 29-31 | 32-34 | | |
| 0 | 0.5 | * | * | * | * | 0.1 | * | * | 0.1 | 0.1 | * | * | * | 1.0 | 828 |
| 1 - 3 | | 0.7 | 0.5 | 0.5 | 0.5 | 0.6 | 0.6 | 0.7 | 0.8 | 0.8 | 0.9 | 0.8 | 0.8 | 8.4 | 6854 |
| 4 - 6 | | 1.6 | 1.0 | 0.8 | 0.8 | 0.8 | 0.9 | 1.6 | 1.5 | 1.3 | 1.5 | 1.9 | 2.1 | 15.7 | 12869 |
| 7 - 10 | | 3.4 | 1.3 | 1.1 | 2.0 | 1.0 | 1.4 | 2.8 | 2.1 | 1.5 | 1.7 | 2.6 | 4.9 | 25.9 | 21230 |
| 11 - 15 | | 4.2 | 0.8 | 1.4 | 2.9 | 0.6 | 1.6 | 3.3 | 2.0 | 1.5 | 1.3 | 1.9 | 5.9 | 27.5 | 22561 |
| 16 - 20 | | 1.7 | 0.2 | 0.7 | 1.8 | 0.2 | 1.3 | 2.7 | 1.3 | 0.8 | 0.6 | 0.6 | 2.7 | 14.6 | 11986 |
| 21 - 24 | | * | * | 0.1 | 0.6 | 0.1 | 0.7 | 1.6 | 0.5 | 0.3 | 0.2 | 0.1 | 0.1 | 4.2 | 3452 |
| 25 - 33 | | * | - | * | 0.1 | * | 0.5 | 1.4 | 0.3 | 0.1 | 0.1 | * | * | 2.5 | 2061 |
| 34 - 47 | | - | - | - | - | - | * | 0.2 | * | * | * | * | - | 0.3 | 229 |
| > 48 | | * | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 1 |
| TOTAL % | 0.5 | 11.7 | 3.9 | 4.5 | 8.7 | 3.4 | 7.0 | 14.4 | 8.7 | 6.3 | 6.2 | 8.1 | 16.6 | 100.0 | |
| TOTAL N | 408 | 9613 | 3170 | 3688 | 7150 | 2777 | 5734 | 11783 | 7111 | 5205 | 5117 | 6651 | 13664 | | 82071 |

(* < 0.05%)

STATION: 46029

3 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS AVERAGE WIND DIRECTION(TENS OF DEGREES)

Months: DEC, JAN, FEB (Winter)

| WIND SPEED | CALM | WIND DIRECTION | | | | | | | | | | | | TOT % | TOT N |
|------------|------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 35-01 | 02-04 | 05-07 | 08-10 | 11-13 | 14-16 | 17-19 | 20-22 | 23-25 | 26-28 | 29-31 | 32-34 | | |
| 0 | 0.7 | * | * | * | * | 0.1 | * | * | * | * | * | * | * | 1.0 | 169 |
| 1 - 3 | | 0.5 | 0.3 | 0.4 | 0.5 | 0.5 | 0.3 | 0.3 | 0.4 | 0.3 | 0.3 | 0.4 | 0.3 | 4.5 | 784 |
| 4 - 6 | | 0.7 | 0.9 | 1.1 | 1.4 | 0.9 | 0.6 | 0.7 | 0.7 | 0.6 | 0.6 | 0.5 | 0.6 | 9.4 | 1625 |
| 7 - 10 | | 1.1 | 1.3 | 2.1 | 5.0 | 1.7 | 1.3 | 1.8 | 1.6 | 1.1 | 1.2 | 0.9 | 0.9 | 20.0 | 3475 |
| 11 - 15 | | 1.1 | 0.9 | 3.2 | 8.5 | 1.5 | 2.1 | 3.2 | 2.4 | 1.8 | 1.3 | 1.1 | 0.8 | 27.8 | 4825 |
| 16 - 20 | | 0.3 | 0.2 | 2.2 | 5.8 | 0.6 | 1.9 | 4.3 | 2.4 | 1.6 | 1.0 | 0.8 | 0.4 | 21.6 | 3739 |
| 21 - 24 | | * | * | 0.3 | 1.8 | 0.2 | 1.2 | 3.2 | 1.1 | 0.6 | 0.4 | 0.3 | 0.1 | 9.1 | 1583 |
| 25 - 33 | | * | - | 0.1 | 0.3 | * | 1.2 | 3.2 | 0.6 | 0.2 | 0.2 | 0.1 | * | 5.9 | 1019 |

| | | | | | | | | | | | | | | | |
|---------|-----|-----|-----|------|------|-----|------|------|------|------|-----|-----|-----|-------|-------|
| 34 - 47 | - | - | - | - | - | - | 0.1 | 0.5 | * | * | * | * | - | 0.7 | 119 |
| > 48 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| TOTAL % | 0.7 | 3.6 | 3.7 | 9.6 | 23.3 | 5.5 | 8.6 | 17.3 | 9.3 | 6.3 | 5.1 | 4.1 | 3.0 | 100.0 | |
| TOTAL N | 114 | 632 | 639 | 1666 | 4036 | 946 | 1487 | 3003 | 1614 | 1088 | 884 | 703 | 526 | | 17338 |

(* < 0.05%)

STATION: 46029

3 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS AVERAGE WIND DIRECTION(TENS OF DEGREES)

Months: MAR, APR, MAY (Spring)

| WIND SPEED | CALM | WIND DIRECTION | | | | | | | | | | | | TOT % | TOT N |
|------------|------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 35-01 | 02-04 | 05-07 | 08-10 | 11-13 | 14-16 | 17-19 | 20-22 | 23-25 | 26-28 | 29-31 | 32-34 | | |
| 0 | 0.3 | 0.1 | * | * | * | 0.1 | * | * | 0.1 | * | 0.1 | * | 0.1 | 0.9 | 148 |
| 1 - 3 | | 0.7 | 0.6 | 0.5 | 0.6 | 0.6 | 0.5 | 0.5 | 0.6 | 0.8 | 0.9 | 0.8 | 0.7 | 7.9 | 1337 |
| 4 - 6 | | 1.2 | 0.9 | 0.7 | 0.9 | 0.7 | 0.7 | 1.1 | 1.2 | 1.4 | 1.6 | 2.0 | 2.1 | 14.4 | 2458 |
| 7 - 10 | | 2.5 | 1.1 | 1.0 | 1.5 | 0.9 | 1.1 | 2.5 | 2.7 | 2.3 | 2.3 | 3.8 | 4.6 | 26.3 | 4475 |
| 11 - 15 | | 3.7 | 0.5 | 0.9 | 1.6 | 0.5 | 1.2 | 3.7 | 3.3 | 2.4 | 2.2 | 3.4 | 6.6 | 29.9 | 5098 |
| 16 - 20 | | 1.5 | 0.1 | 0.2 | 0.4 | 0.1 | 1.3 | 3.2 | 1.8 | 1.2 | 0.8 | 1.0 | 3.1 | 14.8 | 2522 |
| 21 - 24 | | * | * | * | * | * | 0.6 | 1.7 | 0.4 | 0.3 | 0.1 | 0.1 | 0.2 | 3.5 | 597 |
| 25 - 33 | | - | - | - | * | - | 0.4 | 1.2 | 0.3 | 0.1 | * | 0.1 | * | 2.1 | 355 |
| 34 - 47 | | - | - | - | - | - | * | 0.2 | * | * | - | - | - | 0.2 | 39 |
| > 48 | | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| TOTAL % | 0.3 | 9.7 | 3.2 | 3.4 | 5.1 | 3.0 | 5.8 | 14.2 | 10.2 | 8.5 | 8.0 | 11.3 | 17.3 | 100.0 | |
| TOTAL N | 59 | 1649 | 545 | 572 | 869 | 510 | 989 | 2414 | 1745 | 1441 | 1364 | 1923 | 2949 | | 17029 |

(* < 0.05%)

STATION: 46029

3 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS AVERAGE WIND DIRECTION(TENS OF DEGREES)

Months: JUN, JUL, AUG (Summer)

| WIND SPEED | CALM | WIND DIRECTION | | | | | | | | | | | | TOT % | TOT N |
|------------|------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 35-01 | 02-04 | 05-07 | 08-10 | 11-13 | 14-16 | 17-19 | 20-22 | 23-25 | 26-28 | 29-31 | 32-34 | | |
| 0 | 0.6 | * | 0.1 | 0.1 | 0.1 | 0.1 | * | 0.1 | * | 0.1 | * | 0.1 | * | 1.2 | 315 |
| 1 - 3 | | 0.9 | 0.6 | 0.4 | 0.5 | 0.6 | 0.7 | 1.0 | 1.3 | 1.2 | 1.4 | 1.3 | 1.3 | 11.0 | 2788 |
| 4 - 6 | | 2.4 | 0.8 | 0.3 | 0.3 | 0.4 | 1.0 | 2.3 | 2.3 | 1.9 | 2.2 | 3.2 | 3.8 | 20.9 | 5296 |
| 7 - 10 | | 5.5 | 0.9 | 0.2 | 0.2 | 0.3 | 1.2 | 3.0 | 2.2 | 1.5 | 2.0 | 3.9 | 9.1 | 29.9 | 7549 |
| 11 - 15 | | 6.8 | 0.4 | * | * | 0.1 | 1.0 | 2.5 | 1.0 | 0.8 | 1.0 | 2.0 | 10.8 | 26.4 | 6662 |
| 16 - 20 | | 2.7 | 0.1 | - | * | - | 0.3 | 1.1 | 0.2 | 0.1 | 0.1 | 0.3 | 4.7 | 9.7 | 2443 |
| 21 - 24 | | 0.1 | - | - | - | - | 0.1 | 0.3 | * | * | * | * | 0.2 | 0.8 | 207 |
| 25 - 33 | | - | - | - | - | - | * | * | * | - | - | - | - | 0.1 | 19 |
| 34 - 47 | | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| > 48 | | * | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 1 |
| TOTAL % | 0.6 | 18.4 | 2.8 | 1.0 | 1.0 | 1.5 | 4.2 | 10.4 | 7.0 | 5.7 | 6.8 | 10.7 | 29.9 | 100.0 | |
| TOTAL N | 155 | 4649 | 708 | 259 | 259 | 371 | 1074 | 2618 | 1777 | 1433 | 1708 | 2713 | 7556 | | 25280 |

(* < 0.05%)

STATION: 46029

3 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS AVERAGE WIND DIRECTION(TENS OF DEGREES)

Months: SEP, OCT, NOV (Autumn)

| WIND SPEED | CALM | WIND DIRECTION | | | | | | | | | | | | TOT % | TOT N |
|------------|------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 35-01 | 02-04 | 05-07 | 08-10 | 11-13 | 14-16 | 17-19 | 20-22 | 23-25 | 26-28 | 29-31 | 32-34 | | |
| 0 | 0.4 | * | * | * | * | * | * | * | 0.1 | 0.1 | * | 0.1 | * | 0.9 | 196 |
| 1 - 3 | | 0.8 | 0.6 | 0.5 | 0.6 | 0.6 | 0.7 | 0.8 | 0.9 | 0.7 | 0.9 | 0.7 | 0.8 | 8.7 | 1945 |
| 4 - 6 | | 1.6 | 1.3 | 1.0 | 1.0 | 1.0 | 1.2 | 1.8 | 1.6 | 1.0 | 1.1 | 1.3 | 1.5 | 15.6 | 3490 |
| 7 - 10 | | 3.6 | 1.9 | 1.4 | 2.1 | 1.4 | 1.9 | 3.7 | 2.1 | 1.2 | 1.2 | 1.6 | 3.6 | 25.6 | 5731 |
| 11 - 15 | | 4.2 | 1.5 | 1.7 | 2.8 | 0.8 | 2.1 | 4.0 | 1.9 | 1.3 | 1.0 | 1.4 | 3.9 | 26.7 | 5976 |
| 16 - 20 | | 1.7 | 0.3 | 0.6 | 1.7 | 0.3 | 2.0 | 2.9 | 1.3 | 0.7 | 0.6 | 0.6 | 1.8 | 14.6 | 3282 |
| 21 - 24 | | * | * | * | 0.6 | 0.1 | 1.0 | 1.6 | 0.7 | 0.3 | 0.2 | 0.1 | * | 4.7 | 1065 |
| 25 - 33 | | * | - | - | 0.1 | * | 0.7 | 1.6 | 0.3 | 0.2 | 0.1 | * | * | 3.0 | 668 |
| 34 - 47 | | - | - | - | - | - | 0.1 | 0.2 | * | * | - | - | - | 0.3 | 71 |
| > 48 | | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| TOTAL % | 0.4 | 12.0 | 5.7 | 5.3 | 8.9 | 4.2 | 9.7 | 16.7 | 8.8 | 5.5 | 5.2 | 5.9 | 11.7 | 100.0 | |
| TOTAL N | 80 | 2683 | 1278 | 1191 | 1986 | 950 | 2184 | 3748 | 1975 | 1243 | 1161 | 1312 | 2633 | | 22424 |

(* < 0.05%)

STATION: 46029

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

Month: JAN

| WIND SPEED | WAVE HEIGHT | | | | | | | | | | | | | | TOT % | TOT N | | |
|------------|-------------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|------|
| | 0.0- | 0.5- | 1.5- | 2.5- | 3.5- | 4.5- | 5.5- | 6.5- | 7.5- | 8.5- | 9.5- | 10.5- | 11.5- | 12.5- | | | | |
| 0 | 0.4 | 1.4 | 2.4 | 3.4 | 4.4 | 5.4 | 6.4 | 7.4 | 8.4 | 9.4 | 10.4 | 11.4 | 12.4 | 13.4 | >13.4 | TOT % | TOT N | |
| 1 - 3 | 0.2 | - | 0.2 | 0.1 | * | * | * | - | - | - | - | - | - | - | - | - | 0.7 | 45 |
| 4 - 6 | 0.4 | 0.2 | 1.9 | 1.3 | 0.3 | 0.1 | * | - | - | - | - | - | - | - | - | - | 4.2 | 289 |
| 7 - 10 | 0.1 | 0.7 | 3.3 | 2.4 | 1.2 | 0.2 | 0.1 | - | - | - | - | - | - | - | - | - | 8.0 | 553 |
| 11 - 15 | 0.1 | 1.5 | 6.4 | 5.6 | 2.4 | 0.9 | 0.2 | * | - | - | - | - | - | - | - | - | 17.2 | 1185 |
| 16 - 20 | 0.2 | 2.3 | 8.9 | 6.8 | 4.1 | 1.4 | 0.3 | * | - | - | - | - | - | - | - | - | 24.1 | 1664 |
| > 20 | 0.1 | 1.7 | 6.0 | 5.9 | 4.3 | 1.7 | 0.4 | 0.1 | - | * | - | - | - | - | - | - | 20.1 | 1391 |

| | | | | | | | | | | | | | | | | | |
|---------|-----|-----|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|------|
| 21 - 24 | 0.1 | 0.1 | 1.3 | 1.7 | 2.8 | 1.1 | 0.5 | 0.1 | * | - | - | - | - | - | - | 7.8 | 539 |
| 25 - 33 | 0.1 | - | 0.4 | 0.7 | 1.4 | 1.6 | 0.6 | 0.1 | 0.1 | - | - | - | - | - | - | 4.9 | 340 |
| 34 - 47 | - | - | - | - | * | 0.1 | 0.1 | 0.2 | 0.1 | 0.1 | - | - | - | - | - | 0.5 | 37 |
| > 48 | - | 0.4 | 4.4 | 3.1 | 2.3 | 1.1 | 0.9 | 0.2 | 0.1 | * | - | - | - | - | - | 12.5 | 864 |
| TOTAL % | 1.1 | 6.9 | 32.8 | 27.6 | 18.9 | 8.3 | 3.2 | 0.8 | 0.3 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 79 | 475 | 2268 | 1909 | 1305 | 570 | 219 | 54 | 18 | 10 | 0 | 0 | 0 | 0 | 0 | | 6907 |

STATION: 46029

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

Month: FEB

| WIND SPEED | WAVE HEIGHT | | | | | | | | | | | | | | | TOT % | TOT N |
|------------|-------------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| | 0.0- | 0.5- | 1.5- | 2.5- | 3.5- | 4.5- | 5.5- | 6.5- | 7.5- | 8.5- | 9.5- | 10.5- | 11.5- | 12.5- | >13.4 | | |
| 0 | 0.4 | 1.4 | 2.4 | 3.4 | 4.4 | 5.4 | 6.4 | 7.4 | 8.4 | 9.4 | 10.4 | 11.4 | 12.4 | 13.4 | >13.4 | 1.0 | 53 |
| 1 - 3 | - | 0.3 | 2.4 | 1.6 | 0.9 | 0.2 | - | - | - | - | - | - | - | - | - | 5.3 | 271 |
| 4 - 6 | - | 0.6 | 5.2 | 3.8 | 1.5 | 0.3 | - | - | - | - | - | - | - | - | - | 11.4 | 582 |
| 7 - 10 | - | 1.6 | 10.4 | 6.8 | 1.8 | 0.6 | 0.1 | - | * | - | - | - | - | - | - | 21.3 | 1085 |
| 11 - 15 | - | 2.5 | 13.6 | 7.7 | 2.3 | 1.2 | 0.5 | 0.1 | - | - | - | - | - | - | - | 27.8 | 1414 |
| 16 - 20 | - | 1.2 | 6.2 | 6.2 | 2.3 | 1.7 | 0.7 | 0.4 | * | - | - | - | - | - | - | 18.6 | 948 |
| 21 - 24 | - | * | 1.4 | 2.4 | 2.1 | 1.2 | 0.7 | 0.3 | 0.1 | * | * | - | - | - | - | 8.3 | 422 |
| 25 - 33 | - | - | 0.1 | 0.6 | 1.6 | 1.3 | 1.3 | 0.5 | 0.2 | * | - | - | - | - | - | 5.5 | 282 |
| 34 - 47 | - | - | - | - | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | - | - | - | - | - | 0.5 | 25 |
| > 48 | - | - | * | - | * | - | - | - | - | - | - | - | - | - | - | 0.0 | 2 |
| TOTAL % | 0.0 | 6.4 | 39.6 | 29.5 | 12.7 | 6.6 | 3.3 | 1.4 | 0.5 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 0 | 326 | 2014 | 1498 | 644 | 334 | 169 | 70 | 23 | 5 | 1 | 0 | 0 | 0 | 0 | | 5084 |

STATION: 46029

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

Month: MAR

| WIND SPEED | WAVE HEIGHT | | | | | | | | | | | | | | | TOT % | TOT N |
|------------|-------------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| | 0.0- | 0.5- | 1.5- | 2.5- | 3.5- | 4.5- | 5.5- | 6.5- | 7.5- | 8.5- | 9.5- | 10.5- | 11.5- | 12.5- | >13.4 | | |
| 0 | 0.4 | 1.4 | 2.4 | 3.4 | 4.4 | 5.4 | 6.4 | 7.4 | 8.4 | 9.4 | 10.4 | 11.4 | 12.4 | 13.4 | >13.4 | 0.9 | 47 |
| 1 - 3 | - | 0.6 | 3.6 | 1.9 | 0.7 | 0.1 | 0.1 | - | - | - | - | - | - | - | - | 7.0 | 352 |
| 4 - 6 | - | 1.3 | 6.6 | 3.9 | 1.2 | 0.4 | 0.1 | * | - | - | - | - | - | - | - | 13.5 | 681 |
| 7 - 10 | - | 3.0 | 10.6 | 7.3 | 2.8 | 1.1 | 0.2 | - | - | - | - | - | - | - | - | 24.9 | 1258 |
| 11 - 15 | - | 2.4 | 9.1 | 8.4 | 4.0 | 1.3 | 0.5 | 0.1 | - | - | - | - | - | - | - | 25.9 | 1307 |
| 16 - 20 | - | 0.6 | 3.6 | 5.6 | 4.5 | 1.8 | 0.6 | 0.1 | * | - | - | - | - | - | - | 16.9 | 851 |
| 21 - 24 | - | * | 0.7 | 1.6 | 2.1 | 0.6 | 0.4 | 0.2 | * | - | - | - | - | - | - | 5.6 | 283 |
| 25 - 33 | - | - | 0.1 | 1.0 | 1.4 | 0.9 | 0.6 | 0.3 | 0.1 | * | - | - | - | - | - | 4.5 | 225 |
| 34 - 47 | - | - | - | - | 0.1 | 0.2 | 0.2 | * | - | 0.1 | 0.1 | 0.1 | - | * | - | 0.7 | 37 |
| > 48 | - | * | * | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 2 |
| TOTAL % | 0.0 | 8.2 | 34.8 | 30.0 | 16.8 | 6.4 | 2.6 | 0.8 | 0.2 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 0 | 413 | 1756 | 1511 | 846 | 322 | 132 | 42 | 9 | 5 | 3 | 3 | 0 | 1 | 0 | | 5043 |

STATION: 46029

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

Month: APR

| WIND SPEED | WAVE HEIGHT | | | | | | | | | | | | | | | TOT % | TOT N |
|------------|-------------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| | 0.0- | 0.5- | 1.5- | 2.5- | 3.5- | 4.5- | 5.5- | 6.5- | 7.5- | 8.5- | 9.5- | 10.5- | 11.5- | 12.5- | >13.4 | | |
| 0 | 0.4 | 1.4 | 2.4 | 3.4 | 4.4 | 5.4 | 6.4 | 7.4 | 8.4 | 9.4 | 10.4 | 11.4 | 12.4 | 13.4 | >13.4 | 0.8 | 39 |
| 1 - 3 | - | 2.3 | 3.9 | 1.1 | 0.1 | 0.1 | - | - | - | - | - | - | - | - | - | 7.4 | 348 |
| 4 - 6 | - | 3.9 | 6.9 | 2.0 | 0.6 | * | - | - | - | - | - | - | - | - | - | 13.5 | 634 |
| 7 - 10 | - | 5.6 | 14.3 | 5.1 | 1.7 | 0.1 | - | - | - | - | - | - | - | - | - | 26.9 | 1257 |
| 11 - 15 | - | 5.9 | 15.3 | 7.7 | 1.7 | 0.6 | 0.3 | 0.1 | - | - | - | - | - | - | - | 31.6 | 1479 |
| 16 - 20 | - | 1.2 | 4.9 | 5.2 | 1.2 | 0.7 | 0.3 | 0.1 | - | - | - | - | - | - | - | 13.5 | 634 |
| 21 - 24 | - | 0.1 | 1.0 | 1.4 | 0.8 | 0.4 | 0.2 | - | - | - | - | - | - | - | - | 4.0 | 186 |
| 25 - 33 | - | - | 0.3 | 0.6 | 0.7 | 0.4 | 0.1 | - | - | - | - | - | - | - | - | 2.1 | 97 |
| 34 - 47 | - | - | - | - | - | - | * | - | - | - | - | - | - | - | - | 0.0 | 1 |
| > 48 | - | - | * | 0.1 | - | - | - | - | - | - | - | - | - | - | - | 0.1 | 4 |
| TOTAL % | 0.0 | 19.3 | 47.0 | 23.4 | 7.0 | 2.3 | 0.9 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 0 | 903 | 2199 | 1095 | 326 | 109 | 41 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 4679 |

STATION: 46029

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

Month: MAY

WAVE HEIGHT

(* < 0.05%)

STATION: 46029

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

Month: SEP

| WIND SPEED | WAVE HEIGHT | | | | | | | | | | | | | | | TOT % | TOT N |
|------------|-------------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| | 0.0- | 0.5- | 1.5- | 2.5- | 3.5- | 4.5- | 5.5- | 6.5- | 7.5- | 8.5- | 9.5- | 10.5- | 11.5- | 12.5- | >13.4 | | |
| 0 | 0.4 | 1.4 | 2.4 | 3.4 | 4.4 | 5.4 | 6.4 | 7.4 | 8.4 | 9.4 | 10.4 | 11.4 | 12.4 | 13.4 | - | 1.0 | 77 |
| 1 - 3 | 0.1 | 6.3 | 3.8 | 0.8 | 0.1 | - | - | - | - | - | - | - | - | - | - | 11.1 | 828 |
| 4 - 6 | * | 9.1 | 7.5 | 1.5 | 0.3 | - | - | - | - | - | - | - | - | - | - | 18.5 | 1374 |
| 7 - 10 | * | 12.8 | 11.9 | 3.5 | 0.5 | * | - | - | - | - | - | - | - | - | - | 28.7 | 2139 |
| 11 - 15 | * | 9.2 | 14.2 | 3.8 | 0.3 | 0.1 | * | - | - | - | - | - | - | - | - | 27.6 | 2052 |
| 16 - 20 | - | 1.8 | 7.3 | 1.8 | 0.3 | 0.1 | 0.1 | - | - | - | - | - | - | - | - | 11.3 | 845 |
| 21 - 24 | - | * | 0.4 | 0.4 | 0.2 | * | * | * | - | - | - | - | - | - | - | 1.1 | 84 |
| 25 - 33 | - | - | * | 0.3 | 0.1 | * | * | - | - | - | - | - | - | - | - | 0.5 | 34 |
| 34 - 47 | - | - | - | - | * | * | - | - | - | - | - | - | - | - | - | 0.0 | 3 |
| > 48 | - | 0.1 | * | - | - | - | - | - | - | - | - | - | - | - | - | 0.1 | 11 |
| TOTAL % | 0.1 | 39.8 | 45.6 | 12.2 | 1.8 | 0.3 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 10 | 2965 | 3396 | 909 | 133 | 20 | 11 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 7447 |

(* < 0.05%)

STATION: 46029

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

Month: OCT

| WIND SPEED | WAVE HEIGHT | | | | | | | | | | | | | | | TOT % | TOT N |
|------------|-------------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| | 0.0- | 0.5- | 1.5- | 2.5- | 3.5- | 4.5- | 5.5- | 6.5- | 7.5- | 8.5- | 9.5- | 10.5- | 11.5- | 12.5- | >13.4 | | |
| 0 | 0.4 | 1.4 | 2.4 | 3.4 | 4.4 | 5.4 | 6.4 | 7.4 | 8.4 | 9.4 | 10.4 | 11.4 | 12.4 | 13.4 | - | 0.7 | 52 |
| 1 - 3 | - | 2.2 | 4.1 | 2.0 | 0.7 | 0.1 | - | - | - | - | - | - | - | - | - | 9.1 | 702 |
| 4 - 6 | - | 4.1 | 6.9 | 3.5 | 1.2 | - | * | - | - | - | - | - | - | - | - | 15.7 | 1218 |
| 7 - 10 | - | 6.7 | 11.2 | 6.5 | 2.1 | 0.3 | * | * | - | - | - | - | - | - | - | 26.9 | 2085 |
| 11 - 15 | - | 5.5 | 10.9 | 7.0 | 2.2 | 0.7 | 0.2 | 0.1 | * | * | - | - | - | - | - | 26.5 | 2055 |
| 16 - 20 | - | 1.7 | 4.7 | 4.1 | 1.8 | 0.6 | 0.3 | 0.1 | 0.1 | * | - | - | - | - | - | 13.3 | 1034 |
| 21 - 24 | - | - | 0.7 | 2.0 | 1.4 | 0.3 | 0.1 | 0.2 | 0.1 | * | - | - | - | - | - | 4.7 | 364 |
| 25 - 33 | - | - | 0.2 | 0.7 | 0.9 | 0.5 | 0.3 | 0.2 | * | 0.1 | - | - | - | - | - | 2.9 | 228 |
| 34 - 47 | - | - | - | - | * | 0.1 | 0.1 | * | - | - | - | - | - | - | - | 0.2 | 16 |
| > 48 | - | - | - | - | * | - | - | - | - | - | - | - | - | - | - | 0.0 | 1 |
| TOTAL % | 0.0 | 20.3 | 38.9 | 26.0 | 10.4 | 2.6 | 1.0 | 0.6 | 0.2 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 0 | 1571 | 3019 | 2014 | 805 | 203 | 74 | 43 | 13 | 13 | 0 | 0 | 0 | 0 | 0 | | 7755 |

(* < 0.05%)

STATION: 46029

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

Month: NOV

| WIND SPEED | WAVE HEIGHT | | | | | | | | | | | | | | | TOT % | TOT N |
|------------|-------------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| | 0.0- | 0.5- | 1.5- | 2.5- | 3.5- | 4.5- | 5.5- | 6.5- | 7.5- | 8.5- | 9.5- | 10.5- | 11.5- | 12.5- | >13.4 | | |
| 0 | 0.4 | 1.4 | 2.4 | 3.4 | 4.4 | 5.4 | 6.4 | 7.4 | 8.4 | 9.4 | 10.4 | 11.4 | 12.4 | 13.4 | - | 0.3 | 19 |
| 1 - 3 | - | 0.1 | 2.2 | 1.5 | 0.6 | 0.1 | * | - | - | - | - | - | - | - | - | 4.5 | 314 |
| 4 - 6 | - | 0.4 | 3.5 | 2.6 | 1.3 | 0.4 | 0.2 | - | - | - | - | - | - | - | - | 8.3 | 577 |
| 7 - 10 | - | 1.2 | 6.8 | 5.8 | 2.8 | 0.8 | 0.3 | * | - | * | - | - | - | - | - | 17.8 | 1235 |
| 11 - 15 | - | 2.0 | 8.3 | 6.9 | 4.4 | 1.5 | 0.3 | 0.2 | * | - | - | - | - | - | - | 23.6 | 1645 |
| 16 - 20 | - | 1.9 | 4.5 | 5.7 | 3.3 | 1.7 | 0.9 | 0.3 | 0.2 | * | - | - | - | - | - | 18.5 | 1288 |
| 21 - 24 | - | 0.2 | 1.9 | 2.6 | 1.4 | 1.1 | 0.9 | 0.3 | 0.2 | 0.1 | - | - | - | - | - | 8.7 | 607 |
| 25 - 33 | - | * | 0.2 | 0.8 | 1.6 | 1.2 | 1.1 | 0.4 | 0.1 | 0.1 | * | - | - | - | - | 5.5 | 385 |
| 34 - 47 | - | - | - | * | 0.1 | 0.1 | 0.1 | 0.3 | 0.1 | * | - | - | - | - | - | 0.7 | 49 |
| > 48 | - | - | 2.0 | 3.3 | 4.6 | 1.8 | 0.3 | 0.1 | - | - | - | - | - | - | - | 12.0 | 837 |
| TOTAL % | 0.0 | 5.7 | 29.5 | 29.3 | 20.1 | 8.8 | 4.1 | 1.6 | 0.6 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 0 | 398 | 2055 | 2035 | 1400 | 609 | 287 | 110 | 45 | 16 | 1 | 0 | 0 | 0 | 0 | | 6956 |

(* < 0.05%)

STATION: 46029

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

Month: DEC

| WIND SPEED | WAVE HEIGHT | | | | | | | | | | | | | | | TOT % | TOT N |
|------------|-------------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| | 0.0- | 0.5- | 1.5- | 2.5- | 3.5- | 4.5- | 5.5- | 6.5- | 7.5- | 8.5- | 9.5- | 10.5- | 11.5- | 12.5- | >13.4 | | |
| 0 | 0.4 | 1.4 | 2.4 | 3.4 | 4.4 | 5.4 | 6.4 | 7.4 | 8.4 | 9.4 | 10.4 | 11.4 | 12.4 | 13.4 | - | 0.8 | 61 |
| 1 - 3 | * | 0.2 | 0.7 | 0.6 | 0.6 | 0.4 | * | - | - | - | - | - | - | - | - | 2.6 | 201 |
| 4 - 6 | - | 0.2 | 1.8 | 1.4 | 1.1 | 0.6 | 0.1 | * | - | - | - | - | - | - | - | 5.1 | 398 |
| 7 - 10 | - | 1.1 | 4.5 | 4.4 | 2.5 | 1.2 | 0.5 | 0.1 | - | * | - | - | - | - | - | 14.3 | 1108 |
| 11 - 15 | - | 1.0 | 5.2 | 7.3 | 4.1 | 1.6 | 0.7 | 0.2 | * | - | - | - | - | - | - | 20.1 | 1555 |

| | | | | | | | | | | | | | | | | | | |
|---------|-----|-----|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|------|
| 16 - 20 | - | 0.5 | 3.5 | 5.5 | 3.4 | 2.3 | 0.8 | 0.2 | * | - | - | - | - | - | - | - | 16.2 | 1258 |
| 21 - 24 | - | 0.1 | 1.5 | 2.3 | 2.0 | 1.1 | 0.5 | 0.2 | * | - | - | - | - | - | - | - | 7.6 | 591 |
| 25 - 33 | - | 0.2 | 0.3 | 0.6 | 1.4 | 1.4 | 0.7 | 0.2 | 0.1 | * | - | - | - | - | - | - | 4.9 | 378 |
| 34 - 47 | - | - | - | - | * | 0.2 | 0.2 | 0.3 | * | * | - | - | - | - | - | - | 0.8 | 60 |
| > 48 | - | 1.9 | 5.7 | 8.2 | 7.3 | 3.5 | 0.8 | 0.2 | 0.1 | - | - | - | - | - | - | - | 27.6 | 2136 |
| TOTAL % | 0.0 | 5.2 | 23.2 | 30.5 | 22.5 | 12.2 | 4.4 | 1.5 | 0.3 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 1 | 403 | 1798 | 2359 | 1742 | 947 | 341 | 113 | 26 | 12 | 4 | 0 | 0 | 0 | 0 | 0 | | 7746 |

(* < 0.05%)

STATION: 46029

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

All Months: Annual

| WIND SPEED | WAVE HEIGHT | | | | | | | | | | | | | | | TOT % | TOT N |
|------------|-------------|-------|-------|-------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| | 0.0- | 0.5- | 1.5- | 2.5- | 3.5- | 4.5- | 5.5- | 6.5- | 7.5- | 8.5- | 9.5- | 10.5- | 11.5- | 12.5- | >13.4 | | |
| 0 | 0.4 | 1.4 | 2.4 | 3.4 | 4.4 | 5.4 | 6.4 | 7.4 | 8.4 | 9.4 | 10.4 | 11.4 | 12.4 | 13.4 | >13.4 | 0.8 | 664 |
| 1 - 3 | 0.1 | 3.5 | 2.9 | 0.9 | 0.3 | 0.1 | * | - | - | - | - | - | - | - | - | 7.8 | 6350 |
| 4 - 6 | 0.1 | 6.1 | 5.5 | 1.9 | 0.7 | 0.1 | * | * | - | - | - | - | - | - | - | 14.4 | 11733 |
| 7 - 10 | * | 8.5 | 10.1 | 4.1 | 1.4 | 0.4 | 0.1 | * | * | * | - | - | - | - | - | 24.7 | 20119 |
| 11 - 15 | * | 6.8 | 11.5 | 5.2 | 2.0 | 0.7 | 0.2 | 0.1 | * | * | - | - | - | - | - | 26.4 | 21488 |
| 16 - 20 | * | 1.8 | 5.6 | 3.6 | 1.8 | 0.9 | 0.3 | 0.1 | * | * | - | - | - | - | - | 14.1 | 11441 |
| 21 - 24 | * | 0.1 | 0.9 | 1.2 | 1.1 | 0.5 | 0.3 | 0.1 | * | * | * | - | - | - | - | 4.2 | 3394 |
| 25 - 33 | * | * | 0.1 | 0.4 | 0.7 | 0.6 | 0.4 | 0.1 | 0.1 | * | * | - | - | - | - | 2.5 | 2012 |
| 34 - 47 | - | - | - | * | * | 0.1 | 0.1 | 0.1 | * | * | * | * | - | * | - | 0.3 | 228 |
| > 48 | - | 0.2 | 1.1 | 1.3 | 1.3 | 0.6 | 0.2 | 0.1 | * | * | - | - | - | - | - | 4.8 | 3870 |
| TOTAL % | 0.3 | 27.3 | 37.9 | 18.9 | 9.2 | 3.9 | 1.6 | 0.5 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 272 | 22227 | 30845 | 15357 | 7499 | 3168 | 1282 | 441 | 134 | 61 | 9 | 3 | 0 | 1 | 0 | | 81299 |

(* < 0.05%)

STATION: 46029

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

Months: DEC, JAN, FEB (Winter)

| WIND SPEED | WAVE HEIGHT | | | | | | | | | | | | | | | TOT % | TOT N |
|------------|-------------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| | 0.0- | 0.5- | 1.5- | 2.5- | 3.5- | 4.5- | 5.5- | 6.5- | 7.5- | 8.5- | 9.5- | 10.5- | 11.5- | 12.5- | >13.4 | | |
| 0 | 0.4 | 1.4 | 2.4 | 3.4 | 4.4 | 5.4 | 6.4 | 7.4 | 8.4 | 9.4 | 10.4 | 11.4 | 12.4 | 13.4 | >13.4 | 0.8 | 159 |
| 1 - 3 | 0.1 | 0.2 | 1.6 | 1.1 | 0.6 | 0.2 | * | - | - | - | - | - | - | - | - | 3.9 | 761 |
| 4 - 6 | * | 0.5 | 3.2 | 2.4 | 1.2 | 0.4 | 0.1 | * | - | - | - | - | - | - | - | 7.8 | 1533 |
| 7 - 10 | * | 1.4 | 6.7 | 5.4 | 2.3 | 1.0 | 0.3 | * | * | * | - | - | - | - | - | 17.1 | 3378 |
| 11 - 15 | 0.1 | 1.8 | 8.7 | 7.2 | 3.6 | 1.4 | 0.5 | 0.1 | * | - | - | - | - | - | - | 23.5 | 4633 |
| 16 - 20 | * | 1.1 | 5.1 | 5.8 | 3.4 | 1.9 | 0.7 | 0.2 | * | * | - | - | - | - | - | 18.2 | 3597 |
| 21 - 24 | * | 0.1 | 1.4 | 2.1 | 2.3 | 1.1 | 0.5 | 0.2 | * | * | * | - | - | - | - | 7.9 | 1552 |
| 25 - 33 | * | 0.1 | 0.3 | 0.6 | 1.4 | 1.4 | 0.8 | 0.3 | 0.1 | * | - | - | - | - | - | 5.1 | 1000 |
| 34 - 47 | - | - | - | - | * | 0.1 | 0.1 | 0.2 | 0.1 | 0.1 | - | - | - | - | - | 0.6 | 122 |
| > 48 | - | 0.9 | 3.8 | 4.3 | 3.7 | 1.7 | 0.6 | 0.2 | 0.1 | * | - | - | - | - | - | 15.2 | 3002 |
| TOTAL % | 0.4 | 6.1 | 30.8 | 29.2 | 18.7 | 9.4 | 3.7 | 1.2 | 0.3 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 80 | 1204 | 6080 | 5766 | 3691 | 1851 | 729 | 237 | 67 | 27 | 5 | 0 | 0 | 0 | 0 | | 19737 |

(* < 0.05%)

STATION: 46029

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

Months: MAR, APR, MAY (Spring)

| WIND SPEED | WAVE HEIGHT | | | | | | | | | | | | | | | TOT % | TOT N |
|------------|-------------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| | 0.0- | 0.5- | 1.5- | 2.5- | 3.5- | 4.5- | 5.5- | 6.5- | 7.5- | 8.5- | 9.5- | 10.5- | 11.5- | 12.5- | >13.4 | | |
| 0 | 0.4 | 1.4 | 2.4 | 3.4 | 4.4 | 5.4 | 6.4 | 7.4 | 8.4 | 9.4 | 10.4 | 11.4 | 12.4 | 13.4 | >13.4 | 0.8 | 136 |
| 1 - 3 | 0.1 | 0.2 | 0.4 | 0.1 | - | - | - | - | - | - | - | - | - | - | - | 7.6 | 1260 |
| 4 - 6 | 0.2 | 4.3 | 6.9 | 2.2 | 0.6 | 0.1 | * | * | - | - | - | - | - | - | - | 14.3 | 2392 |
| 7 - 10 | 0.2 | 6.6 | 12.8 | 5.0 | 1.5 | 0.4 | 0.1 | - | - | - | - | - | - | - | - | 26.5 | 4421 |
| 11 - 15 | 0.1 | 5.9 | 14.2 | 7.0 | 2.1 | 0.6 | 0.2 | 0.1 | - | - | - | - | - | - | - | 30.1 | 5016 |
| 16 - 20 | * | 1.4 | 5.6 | 4.7 | 1.9 | 0.9 | 0.3 | 0.1 | * | - | - | - | - | - | - | 14.8 | 2469 |
| 21 - 24 | - | 0.1 | 0.8 | 1.1 | 0.9 | 0.3 | 0.2 | 0.1 | * | - | - | - | - | - | - | 3.5 | 585 |
| 25 - 33 | - | - | 0.1 | 0.5 | 0.7 | 0.4 | 0.2 | 0.1 | * | * | - | - | - | - | - | 2.1 | 346 |
| 34 - 47 | - | - | - | - | * | 0.1 | 0.1 | * | - | * | * | * | * | * | - | 0.2 | 38 |
| > 48 | - | * | * | * | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 8 |
| TOTAL % | 1.0 | 20.6 | 44.5 | 21.7 | 8.0 | 2.8 | 1.0 | 0.3 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 166 | 3437 | 7416 | 3611 | 1336 | 463 | 173 | 48 | 9 | 5 | 3 | 3 | 0 | 1 | 0 | | 16671 |

(* < 0.05%)

STATION: 46029

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

Months: JUN, JUL, AUG (Summer)

| WIND SPEED | WAVE HEIGHT | | | | | | | | | | | | | | | TOT % | TOT N |
|------------|-------------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| | 0.0- | 0.5- | 1.5- | 2.5- | 3.5- | 4.5- | 5.5- | 6.5- | 7.5- | 8.5- | 9.5- | 10.5- | 11.5- | 12.5- | >13.4 | | |
| 0 | 0.4 | 1.4 | 2.4 | 3.4 | 4.4 | 5.4 | 6.4 | 7.4 | 8.4 | 9.4 | 10.4 | 11.4 | 12.4 | 13.4 | >13.4 | 0.8 | 136 |

| WIND SPEED | 0.4 | 1.4 | 2.4 | 3.4 | 4.4 | 5.4 | 6.4 | 7.4 | 8.4 | 9.4 | 10.4 | 11.4 | 12.4 | 13.4 | >13.4 | TOT % | TOT N |
|------------|-----|-------|------|------|-----|-----|-----|-----|-----|-----|------|------|------|------|-------|-------|-------|
| 0 | - | 0.7 | 0.2 | * | - | - | - | - | - | - | - | - | - | - | - | 1.0 | 221 |
| 1 - 3 | * | 7.8 | 2.8 | 0.2 | * | - | - | - | - | - | - | - | - | - | - | 10.9 | 2485 |
| 4 - 6 | * | 13.8 | 5.9 | 0.6 | * | - | - | - | - | - | - | - | - | - | - | 20.4 | 4639 |
| 7 - 10 | * | 17.6 | 11.3 | 1.2 | 0.1 | * | - | - | - | - | - | - | - | - | - | 30.2 | 6861 |
| 11 - 15 | - | 12.8 | 12.4 | 1.5 | 0.1 | * | - | - | - | - | - | - | - | - | - | 26.8 | 6087 |
| 16 - 20 | - | 2.8 | 6.0 | 0.7 | 0.2 | * | * | - | - | - | - | - | - | - | - | 9.7 | 2208 |
| 21 - 24 | - | 0.1 | 0.5 | 0.2 | 0.1 | * | * | - | - | - | - | - | - | - | - | 0.9 | 202 |
| 25 - 33 | - | - | * | * | * | - | - | - | - | - | - | - | - | - | - | 0.1 | 19 |
| 34 - 47 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| > 48 | - | * | * | * | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 11 |
| TOTAL % | 0.1 | 55.7 | 39.1 | 4.5 | 0.6 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 16 | 12652 | 8879 | 1022 | 134 | 22 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 22733 |

(* < 0.05%)

STATION: 46029

4 - PERCENT FREQUENCY OF AVERAGE WIND SPEED(KNOTS) VS SIGNIFICANT WAVE HEIGHT(METERS)

Months: SEP, OCT, NOV (Autumn)

| WIND SPEED | WAVE HEIGHT | | | | | | | | | | | | | | | TOT % | TOT N |
|------------|-------------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| | 0.0- | 0.5- | 1.5- | 2.5- | 3.5- | 4.5- | 5.5- | 6.5- | 7.5- | 8.5- | 9.5- | 10.5- | 11.5- | 12.5- | >13.4 | | |
| 0 | 0.4 | 1.4 | 2.4 | 3.4 | 4.4 | 5.4 | 6.4 | 7.4 | 8.4 | 9.4 | 10.4 | 11.4 | 12.4 | 13.4 | >13.4 | 0.7 | 148 |
| 1 - 3 | * | 2.9 | 3.4 | 1.4 | 0.5 | 0.1 | * | - | - | - | - | - | - | - | - | 8.3 | 1844 |
| 4 - 6 | * | 4.6 | 6.0 | 2.6 | 0.9 | 0.1 | 0.1 | - | - | - | - | - | - | - | - | 14.3 | 3169 |
| 7 - 10 | * | 7.0 | 10.0 | 5.3 | 1.8 | 0.4 | 0.1 | * | - | * | - | - | - | - | - | 24.6 | 5459 |
| 11 - 15 | * | 5.6 | 11.2 | 5.8 | 2.3 | 0.7 | 0.2 | 0.1 | * | * | - | - | - | - | - | 26.0 | 5752 |
| 16 - 20 | - | 1.8 | 5.5 | 3.8 | 1.8 | 0.8 | 0.4 | 0.1 | 0.1 | * | - | - | - | - | - | 14.3 | 3167 |
| 21 - 24 | - | 0.1 | 1.0 | 1.7 | 1.0 | 0.5 | 0.3 | 0.2 | 0.1 | * | - | - | - | - | - | 4.8 | 1055 |
| 25 - 33 | - | * | 0.1 | 0.6 | 0.9 | 0.6 | 0.5 | 0.2 | 0.1 | * | * | - | - | - | - | 2.9 | 647 |
| 34 - 47 | - | - | - | * | * | 0.1 | 0.1 | 0.1 | * | * | - | - | - | - | - | 0.3 | 68 |
| > 48 | - | * | 0.6 | 1.0 | 1.4 | 0.6 | 0.1 | * | - | - | - | - | - | - | - | 3.8 | 849 |
| TOTAL % | 0.0 | 22.3 | 38.2 | 22.4 | 10.6 | 3.8 | 1.7 | 0.7 | 0.3 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 10 | 4934 | 8470 | 4958 | 2338 | 832 | 372 | 156 | 58 | 29 | 1 | 0 | 0 | 0 | 0 | | 22158 |

(* < 0.05%)

STATION: 46029

5 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS DOMINANT WAVE PERIOD(SECONDS)

Month: JAN

| WAVE PERIOD | WAVE HEIGHT | | | | | | | | | | | | | | | TOT % | TOT N |
|-------------|-------------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| | 0.0- | 0.5- | 1.5- | 2.5- | 3.5- | 4.5- | 5.5- | 6.5- | 7.5- | 8.5- | 9.5- | 10.5- | 11.5- | 12.5- | >13.4 | | |
| < 0.5 | 1.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1.0 | 70 |
| 0.5 - 1.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 1.5 - 2.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 2.5 - 3.4 | - | 0.2 | * | - | - | - | - | - | - | - | - | - | - | - | - | 0.2 | 13 |
| 3.5 - 4.4 | * | 0.2 | 0.7 | - | - | - | - | - | - | - | - | - | - | - | - | 0.9 | 64 |
| 4.5 - 5.4 | * | - | 0.3 | * | - | - | - | - | - | - | - | - | - | - | - | 0.4 | 30 |
| 5.5 - 6.4 | - | - | 0.2 | 0.2 | - | - | - | - | - | - | - | - | - | - | - | 0.4 | 25 |
| 6.5 - 7.4 | * | * | 0.2 | 0.6 | 0.2 | - | - | - | - | - | - | - | - | - | - | 1.0 | 67 |
| 7.5 - 8.4 | * | 0.3 | 1.3 | 1.4 | 0.9 | 0.1 | - | - | - | - | - | - | - | - | - | 4.0 | 277 |
| 8.5 - 9.4 | - | 0.4 | 2.1 | 1.8 | 0.9 | 0.4 | 0.1 | * | - | - | - | - | - | - | - | 5.7 | 392 |
| 9.5 - 10.4 | - | 0.6 | 3.2 | 2.6 | 1.6 | 0.7 | 0.2 | 0.2 | * | - | - | - | - | - | - | 9.1 | 628 |
| 10.5 - 11.4 | - | 1.5 | 6.0 | 4.4 | 4.3 | 1.2 | 0.6 | 0.1 | 0.1 | * | - | - | - | - | - | 18.2 | 1254 |
| 11.5 - 12.4 | - | - | 0.6 | 0.4 | 0.2 | 0.2 | 0.2 | * | - | - | - | - | - | - | - | 1.5 | 105 |
| 12.5 - 13.4 | - | 1.3 | 6.7 | 6.3 | 4.6 | 2.0 | 0.7 | 0.2 | 0.1 | 0.1 | - | - | - | - | - | 21.9 | 1511 |
| 13.5 - 14.4 | - | 1.4 | 7.2 | 6.8 | 3.7 | 2.1 | 0.7 | 0.2 | 0.1 | * | - | - | - | - | - | 22.3 | 1540 |
| 14.5 - 15.4 | - | 0.1 | 0.6 | 0.2 | 0.2 | 0.1 | 0.1 | - | - | - | - | - | - | - | - | 1.2 | 86 |
| 15.5 - 16.4 | - | * | 0.2 | 0.1 | 0.1 | 0.2 | 0.1 | - | - | - | - | - | - | - | - | 0.8 | 55 |
| 16.5 - 17.4 | - | 0.7 | 2.7 | 2.3 | 1.9 | 1.1 | 0.4 | 0.1 | * | - | - | - | - | - | - | 9.3 | 644 |
| 17.5 - 18.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 18.5 - 19.4 | - | 0.1 | 0.1 | - | * | - | * | * | - | - | - | - | - | - | - | 0.3 | 20 |
| 19.5 - 20.4 | - | 0.1 | 0.6 | 0.5 | 0.3 | 0.2 | 0.1 | - | - | - | - | - | - | - | - | 1.7 | 118 |
| 20.5 - 21.4 | * | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 1 |
| 21.5 - 22.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 22.5 - 23.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 23.5 - 24.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 24.5 - 25.4 | - | - | * | 0.1 | - | - | - | - | - | - | - | - | - | - | - | 0.1 | 6 |
| TOTAL % | 1.1 | 6.9 | 32.8 | 27.6 | 18.9 | 8.3 | 3.2 | 0.8 | 0.3 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 79 | 474 | 2268 | 1909 | 1305 | 570 | 219 | 54 | 18 | 10 | 0 | 0 | 0 | 0 | 0 | | 6906 |

(* < 0.05%)

STATION: 46029

5 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS DOMINANT WAVE PERIOD(SECONDS)

Month: FEB

| WAVE PERIOD | WAVE HEIGHT | | | | | | | | | | | | | | |
|-------------|-------------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--|
| | 0.0- | 0.5- | 1.5- | 2.5- | 3.5- | 4.5- | 5.5- | 6.5- | 7.5- | 8.5- | 9.5- | 10.5- | 11.5- | 12.5- | |

| WAVE PERIOD | 0.4 | 1.4 | 2.4 | 3.4 | 4.4 | 5.4 | 6.4 | 7.4 | 8.4 | 9.4 | 10.4 | 11.4 | 12.4 | 13.4 | >13.4 | TOT % | TOT N |
|-------------|-----|-----|------|------|------|-----|-----|-----|-----|-----|------|------|------|------|-------|-------|-------|
| < 0.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 0.5 - 1.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 1.5 - 2.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 2.5 - 3.4 | - | 0.4 | * | - | - | - | - | - | - | - | - | - | - | - | - | 0.4 | 21 |
| 3.5 - 4.4 | - | 0.2 | 1.0 | - | - | - | - | - | - | - | - | - | - | - | - | 1.2 | 63 |
| 4.5 - 5.4 | - | * | 0.1 | * | - | - | - | - | - | - | - | - | - | - | - | 0.2 | 10 |
| 5.5 - 6.4 | - | * | 0.4 | 0.6 | - | - | - | - | - | - | - | - | - | - | - | 1.0 | 52 |
| 6.5 - 7.4 | - | * | 0.6 | 1.1 | 0.1 | - | - | - | - | - | - | - | - | - | - | 1.9 | 98 |
| 7.5 - 8.4 | - | 0.2 | 1.9 | 2.6 | 0.8 | 0.2 | * | - | - | - | - | - | - | - | - | 5.8 | 293 |
| 8.5 - 9.4 | - | 0.1 | 2.6 | 2.0 | 1.0 | 0.3 | 0.2 | - | - | - | - | - | - | - | - | 6.2 | 315 |
| 9.5 - 10.4 | - | 0.3 | 3.7 | 2.9 | 1.7 | 0.5 | 0.3 | 0.1 | - | - | - | - | - | - | - | 9.3 | 474 |
| 10.5 - 11.4 | - | 0.8 | 7.3 | 5.7 | 2.5 | 1.4 | 0.8 | 0.2 | * | 0.1 | - | - | - | - | - | 18.7 | 952 |
| 11.5 - 12.4 | - | 0.3 | 0.7 | 0.4 | 0.1 | 0.1 | * | - | - | - | - | - | - | - | - | 1.5 | 78 |
| 12.5 - 13.4 | - | 1.8 | 8.6 | 6.1 | 3.4 | 2.1 | 0.9 | 0.3 | 0.2 | * | - | - | - | - | - | 23.4 | 1192 |
| 13.5 - 14.4 | - | 1.5 | 7.0 | 4.5 | 2.3 | 1.5 | 1.1 | 0.5 | 0.1 | - | - | - | - | - | - | 18.5 | 941 |
| 14.5 - 15.4 | - | - | 0.6 | 0.7 | 0.1 | * | - | - | - | - | - | - | - | - | - | 1.5 | 75 |
| 15.5 - 16.4 | - | - | 0.6 | 0.5 | 0.1 | * | - | - | - | - | - | - | - | - | - | 1.2 | 59 |
| 16.5 - 17.4 | - | 0.4 | 3.4 | 2.0 | 0.4 | 0.4 | 0.1 | 0.2 | 0.1 | - | - | - | - | - | - | 7.0 | 356 |
| 17.5 - 18.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 18.5 - 19.4 | - | 0.2 | 0.3 | 0.1 | - | * | - | - | - | - | - | - | - | - | - | 0.6 | 29 |
| 19.5 - 20.4 | - | 0.1 | 0.7 | 0.4 | 0.2 | * | - | - | - | * | * | - | - | - | - | 1.4 | 72 |
| 20.5 - 21.4 | - | - | 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | 0.1 | 4 |
| TOTAL % | 0.0 | 6.4 | 39.6 | 29.5 | 12.7 | 6.6 | 3.3 | 1.4 | 0.5 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 0 | 326 | 2014 | 1498 | 644 | 334 | 169 | 70 | 23 | 5 | 1 | 0 | 0 | 0 | 0 | | 5084 |

(* < 0.05%)

STATION: 46029

5 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS DOMINANT WAVE PERIOD(SECONDS)

Month: MAR

| WAVE PERIOD | WAVE HEIGHT | | | | | | | | | | | | | | | TOT % | TOT N |
|-------------|-------------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| | 0.0- | 0.5- | 1.5- | 2.5- | 3.5- | 4.5- | 5.5- | 6.5- | 7.5- | 8.5- | 9.5- | 10.5- | 11.5- | 12.5- | >13.4 | | |
| < 0.5 | 0.4 | 1.4 | 2.4 | 3.4 | 4.4 | 5.4 | 6.4 | 7.4 | 8.4 | 9.4 | 10.4 | 11.4 | 12.4 | 13.4 | >13.4 | TOT % | TOT N |
| 0.5 - 1.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 1.5 - 2.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 2.5 - 3.4 | - | 0.2 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.2 | 9 |
| 3.5 - 4.4 | - | 0.2 | 0.2 | - | - | - | - | - | - | - | - | - | - | - | - | 0.4 | 19 |
| 4.5 - 5.4 | - | 0.1 | 0.2 | - | - | - | - | - | - | - | - | - | - | - | - | 0.3 | 15 |
| 5.5 - 6.4 | - | 0.3 | 0.4 | 0.3 | - | - | - | - | - | - | - | - | - | - | - | 1.0 | 51 |
| 6.5 - 7.4 | - | 0.1 | 0.7 | 0.7 | 0.3 | - | - | - | - | - | - | - | - | - | - | 1.8 | 90 |
| 7.5 - 8.4 | - | 0.6 | 1.9 | 1.2 | 1.1 | 0.3 | - | - | - | - | - | - | - | - | - | 5.0 | 253 |
| 8.5 - 9.4 | - | 0.9 | 1.5 | 1.4 | 0.8 | 0.4 | 0.1 | - | - | - | - | - | - | - | - | 5.2 | 261 |
| 9.5 - 10.4 | - | 1.3 | 3.7 | 2.0 | 1.0 | 0.6 | 0.3 | 0.1 | - | - | - | - | - | - | - | 8.9 | 448 |
| 10.5 - 11.4 | - | 1.5 | 7.4 | 4.3 | 3.1 | 0.7 | 0.4 | 0.1 | - | - | - | - | - | - | - | 17.6 | 887 |
| 11.5 - 12.4 | - | * | 0.4 | 1.1 | 0.2 | 0.2 | * | * | - | * | - | - | - | - | - | 2.0 | 101 |
| 12.5 - 13.4 | - | 1.5 | 8.8 | 7.7 | 3.7 | 1.2 | 0.2 | 0.1 | 0.1 | * | - | - | - | - | - | 23.3 | 1175 |
| 13.5 - 14.4 | - | 1.0 | 6.2 | 7.5 | 4.2 | 1.8 | 0.8 | 0.2 | 0.1 | * | * | - | - | - | - | 21.9 | 1106 |
| 14.5 - 15.4 | - | * | 0.1 | 0.4 | 0.1 | 0.1 | 0.2 | * | - | - | - | - | - | - | - | 1.1 | 53 |
| 15.5 - 16.4 | - | - | 0.1 | * | 0.2 | 0.1 | * | - | - | - | - | - | - | - | - | 0.4 | 21 |
| 16.5 - 17.4 | - | 0.3 | 2.3 | 2.8 | 1.8 | 0.8 | 0.5 | 0.2 | * | - | * | 0.1 | - | * | - | 8.7 | 440 |
| 17.5 - 18.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 18.5 - 19.4 | - | - | - | - | * | * | - | - | - | - | - | - | - | - | - | 0.0 | 2 |
| 19.5 - 20.4 | - | * | 1.0 | 0.4 | 0.3 | 0.3 | - | - | - | - | - | - | - | - | - | 2.0 | 103 |
| 20.5 - 21.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 21.5 - 22.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 22.5 - 23.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 23.5 - 24.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 24.5 - 25.4 | - | - | - | 0.1 | * | * | - | - | - | - | - | - | - | - | - | 0.2 | 9 |
| TOTAL % | 0.0 | 8.2 | 34.8 | 30.0 | 16.8 | 6.4 | 2.6 | 0.8 | 0.2 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 0 | 413 | 1756 | 1511 | 846 | 322 | 132 | 42 | 9 | 5 | 3 | 3 | 0 | 1 | 0 | | 5043 |

(* < 0.05%)

STATION: 46029

5 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS DOMINANT WAVE PERIOD(SECONDS)

Month: APR

| WAVE PERIOD | WAVE HEIGHT | | | | | | | | | | | | | | | TOT % | TOT N |
|-------------|-------------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| | 0.0- | 0.5- | 1.5- | 2.5- | 3.5- | 4.5- | 5.5- | 6.5- | 7.5- | 8.5- | 9.5- | 10.5- | 11.5- | 12.5- | >13.4 | | |
| < 0.5 | 0.4 | 1.4 | 2.4 | 3.4 | 4.4 | 5.4 | 6.4 | 7.4 | 8.4 | 9.4 | 10.4 | 11.4 | 12.4 | 13.4 | >13.4 | TOT % | TOT N |
| 0.5 - 1.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 1.5 - 2.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 2.5 - 3.4 | - | 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.1 | 4 |
| 3.5 - 4.4 | - | 0.3 | * | - | - | - | - | - | - | - | - | - | - | - | - | 0.3 | 16 |
| 4.5 - 5.4 | - | 0.3 | 0.6 | * | - | - | - | - | - | - | - | - | - | - | - | 0.9 | 44 |
| 5.5 - 6.4 | - | 0.6 | 1.3 | 0.5 | - | - | - | - | - | - | - | - | - | - | - | 2.4 | 113 |
| 6.5 - 7.4 | - | 1.0 | 1.7 | 0.7 | 0.1 | - | - | - | - | - | - | - | - | - | - | 3.5 | 165 |
| 7.5 - 8.4 | - | 3.5 | 7.0 | 2.4 | 0.6 | 0.1 | - | - | - | - | - | - | - | - | - | 13.7 | 642 |

STATION: 46029

5 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS DOMINANT WAVE PERIOD(SECONDS)

Month: JUL

| WAVE PERIOD | WAVE HEIGHT | | | | | | | | | | | | | | | TOT % | TOT N |
|-------------|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|-----------|-----------|-----------|-------|-------|-------|
| | 0.0-0.4 | 0.5-1.4 | 1.5-2.4 | 2.5-3.4 | 3.5-4.4 | 4.5-5.4 | 5.5-6.4 | 6.5-7.4 | 7.5-8.4 | 8.5-9.4 | 9.5-10.4 | 10.5-11.4 | 11.5-12.4 | 12.5-13.4 | >13.4 | | |
| < 0.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 0.5 - 1.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 1.5 - 2.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 2.5 - 3.4 | - | 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.1 | 9 |
| 3.5 - 4.4 | - | 1.1 | * | - | - | - | - | - | - | - | - | - | - | - | - | 1.1 | 84 |
| 4.5 - 5.4 | - | 2.9 | 0.7 | - | - | - | - | - | - | - | - | - | - | - | - | 3.6 | 265 |
| 5.5 - 6.4 | - | 5.0 | 1.9 | * | - | - | - | - | - | - | - | - | - | - | - | 6.9 | 512 |
| 6.5 - 7.4 | - | 11.5 | 4.0 | * | - | - | - | - | - | - | - | - | - | - | - | 15.5 | 1144 |
| 7.5 - 8.4 | - | 18.7 | 15.3 | 0.2 | - | - | - | - | - | - | - | - | - | - | - | 34.2 | 2530 |
| 8.5 - 9.4 | - | 7.4 | 8.1 | 0.5 | - | - | - | - | - | - | - | - | - | - | - | 16.0 | 1179 |
| 9.5 - 10.4 | - | 3.4 | 4.2 | 1.4 | * | - | - | - | - | - | - | - | - | - | - | 9.1 | 672 |
| 10.5 - 11.4 | - | 1.6 | 3.0 | 0.1 | * | - | - | - | - | - | - | - | - | - | - | 4.7 | 346 |
| 11.5 - 12.4 | - | * | * | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 3 |
| 12.5 - 13.4 | - | 1.2 | 0.8 | * | - | - | - | - | - | - | - | - | - | - | - | 2.0 | 147 |
| 13.5 - 14.4 | - | 2.5 | 0.2 | * | - | - | - | - | - | - | - | - | - | - | - | 2.7 | 202 |
| 14.5 - 15.4 | - | 0.6 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.6 | 41 |
| 15.5 - 16.4 | - | 0.6 | * | - | - | - | - | - | - | - | - | - | - | - | - | 0.7 | 49 |
| 16.5 - 17.4 | - | 2.5 | 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | 2.6 | 190 |
| 17.5 - 18.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 18.5 - 19.4 | - | 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.1 | 5 |
| 19.5 - 20.4 | - | 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.1 | 5 |
| 20.5 - 21.4 | - | 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.1 | 5 |
| TOTAL % | 0.0 | 59.3 | 38.3 | 2.3 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 0 | 4379 | 2833 | 170 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 7388 |

(* < 0.05%)

STATION: 46029

5 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS DOMINANT WAVE PERIOD(SECONDS)

Month: AUG

| WAVE PERIOD | WAVE HEIGHT | | | | | | | | | | | | | | | TOT % | TOT N |
|-------------|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|-----------|-----------|-----------|-------|-------|-------|
| | 0.0-0.4 | 0.5-1.4 | 1.5-2.4 | 2.5-3.4 | 3.5-4.4 | 4.5-5.4 | 5.5-6.4 | 6.5-7.4 | 7.5-8.4 | 8.5-9.4 | 9.5-10.4 | 10.5-11.4 | 11.5-12.4 | 12.5-13.4 | >13.4 | | |
| < 0.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 0.5 - 1.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 1.5 - 2.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 2.5 - 3.4 | - | 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.1 | 8 |
| 3.5 - 4.4 | - | 1.2 | * | - | - | - | - | - | - | - | - | - | - | - | - | 1.2 | 96 |
| 4.5 - 5.4 | - | 3.4 | 0.9 | - | - | - | - | - | - | - | - | - | - | - | - | 4.2 | 345 |
| 5.5 - 6.4 | 0.2 | 6.0 | 2.7 | * | - | - | - | - | - | - | - | - | - | - | - | 8.9 | 726 |
| 6.5 - 7.4 | - | 10.3 | 3.4 | 0.2 | - | - | - | - | - | - | - | - | - | - | - | 13.9 | 1126 |
| 7.5 - 8.4 | - | 16.6 | 10.9 | 0.4 | 0.1 | - | - | - | - | - | - | - | - | - | - | 27.9 | 2271 |
| 8.5 - 9.4 | - | 5.9 | 7.2 | 0.3 | - | - | - | - | - | - | - | - | - | - | - | 13.4 | 1087 |
| 9.5 - 10.4 | - | 3.5 | 6.2 | 0.7 | * | - | - | - | - | - | - | - | - | - | - | 10.4 | 844 |
| 10.5 - 11.4 | - | 1.6 | 2.9 | 0.3 | 0.2 | - | - | - | - | - | - | - | - | - | - | 5.0 | 403 |
| 11.5 - 12.4 | - | 0.2 | * | - | - | - | - | - | - | - | - | - | - | - | - | 0.2 | 16 |
| 12.5 - 13.4 | - | 1.9 | 0.8 | 0.4 | 0.1 | - | - | - | - | - | - | - | - | - | - | 3.2 | 262 |
| 13.5 - 14.4 | - | 4.5 | 0.3 | 0.1 | 0.1 | * | - | - | - | - | - | - | - | - | - | 5.0 | 407 |
| 14.5 - 15.4 | - | 0.8 | 0.2 | * | - | - | - | - | - | - | - | - | - | - | - | 1.0 | 83 |
| 15.5 - 16.4 | - | 0.5 | * | - | - | - | - | - | - | - | - | - | - | - | - | 0.5 | 43 |
| 16.5 - 17.4 | - | 3.6 | 0.6 | - | - | - | - | - | - | - | - | - | - | - | - | 4.1 | 337 |
| 17.5 - 18.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 18.5 - 19.4 | - | 0.3 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.3 | 23 |
| 19.5 - 20.4 | - | 0.5 | * | - | - | - | - | - | - | - | - | - | - | - | - | 0.5 | 40 |
| 20.5 - 21.4 | - | 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.1 | 11 |
| TOTAL % | 0.2 | 61.0 | 35.9 | 2.4 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 13 | 4961 | 2922 | 194 | 36 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 8128 |

(* < 0.05%)

STATION: 46029

5 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS DOMINANT WAVE PERIOD(SECONDS)

Month: SEP

| WAVE PERIOD | WAVE HEIGHT | | | | | | | | | | | | | | | TOT % | TOT N |
|-------------|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|-----------|-----------|-----------|-------|-------|-------|
| | 0.0-0.4 | 0.5-1.4 | 1.5-2.4 | 2.5-3.4 | 3.5-4.4 | 4.5-5.4 | 5.5-6.4 | 6.5-7.4 | 7.5-8.4 | 8.5-9.4 | 9.5-10.4 | 10.5-11.4 | 11.5-12.4 | 12.5-13.4 | >13.4 | | |
| < 0.5 | * | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 1 |
| 0.5 - 1.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 1.5 - 2.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 2.5 - 3.4 | - | 0.2 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.2 | 17 |
| 3.5 - 4.4 | - | 0.4 | * | - | - | - | - | - | - | - | - | - | - | - | - | 0.4 | 30 |

| | | | | | | | | | | | | | | | | | | |
|-------------|-----|-----|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|------|-----|
| 15.5 - 16.4 | - | * | 0.2 | * | 0.4 | * | - | * | - | - | - | - | - | - | - | - | 0.7 | 50 |
| 16.5 - 17.4 | - | 0.2 | 0.5 | 1.0 | 1.2 | 1.0 | 0.7 | 0.2 | 0.1 | - | - | - | - | - | - | - | 4.9 | 343 |
| 17.5 - 18.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 18.5 - 19.4 | - | - | 0.1 | * | - | - | - | - | - | - | - | - | - | - | - | - | 0.1 | 6 |
| 19.5 - 20.4 | - | - | - | * | 0.2 | 0.1 | * | * | * | - | - | - | - | - | - | - | 0.4 | 27 |
| TOTAL % | 0.0 | 5.7 | 29.5 | 29.3 | 20.1 | 8.8 | 4.1 | 1.6 | 0.6 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | | |
| TOTAL N | 0 | 398 | 2055 | 2035 | 1400 | 609 | 287 | 110 | 45 | 16 | 1 | 0 | 0 | 0 | 0 | | 6956 | |

(* < 0.05%)

STATION: 46029

5 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS DOMINANT WAVE PERIOD(SECONDS)

Month: DEC

| WAVE PERIOD | WAVE HEIGHT | | | | | | | | | | | | | | | TOT % | TOT N | |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|---------------|---------------|---------------|-------|-------|-------|--|
| | 0.0- 0.4 | 0.5- 1.4 | 1.5- 2.4 | 2.5- 3.4 | 3.5- 4.4 | 4.5- 5.4 | 5.5- 6.4 | 6.5- 7.4 | 7.5- 8.4 | 8.5- 9.4 | 9.5- 10.4 | 10.5- 11.4 | 11.5- 12.4 | 12.5- 13.4 | >13.4 | | | |
| < 0.5 | * | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 1 | |
| 0.5 - 1.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 | |
| 1.5 - 2.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 | |
| 2.5 - 3.4 | - | 0.2 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.2 | 19 | |
| 3.5 - 4.4 | - | 0.9 | 0.4 | - | - | - | - | - | - | - | - | - | - | - | - | 1.3 | 99 | |
| 4.5 - 5.4 | - | 0.1 | 0.3 | * | - | - | - | - | - | - | - | - | - | - | - | 0.4 | 31 | |
| 5.5 - 6.4 | - | * | 0.3 | 0.2 | * | - | - | - | - | - | - | - | - | - | - | 0.6 | 48 | |
| 6.5 - 7.4 | - | 0.1 | 0.3 | 0.3 | 0.2 | * | - | - | - | - | - | - | - | - | - | 0.9 | 72 | |
| 7.5 - 8.4 | - | 0.3 | 0.7 | 1.1 | 0.9 | 0.4 | * | - | - | - | - | - | - | - | - | 3.5 | 274 | |
| 8.5 - 9.4 | - | 0.3 | 1.2 | 1.4 | 1.1 | 0.6 | 0.3 | - | - | - | - | - | - | - | - | 4.9 | 376 | |
| 9.5 - 10.4 | - | 0.6 | 2.5 | 2.6 | 1.6 | 1.2 | 0.4 | 0.1 | * | - | - | - | - | - | - | 8.9 | 691 | |
| 10.5 - 11.4 | - | 1.0 | 4.2 | 5.2 | 2.9 | 1.8 | 0.7 | 0.3 | 0.1 | - | - | - | - | - | - | 16.1 | 1245 | |
| 11.5 - 12.4 | - | - | 0.6 | 0.5 | 0.2 | 0.1 | 0.1 | * | - | - | - | - | - | - | - | 1.5 | 113 | |
| 12.5 - 13.4 | - | 1.2 | 6.3 | 8.1 | 5.8 | 2.6 | 0.8 | 0.4 | 0.2 | * | * | - | - | - | - | 25.3 | 1960 | |
| 13.5 - 14.4 | - | 0.6 | 4.9 | 7.2 | 6.8 | 3.4 | 1.1 | 0.3 | * | 0.1 | * | - | - | - | - | 24.4 | 1891 | |
| 14.5 - 15.4 | - | - | * | 0.5 | 0.4 | 0.1 | 0.1 | * | - | - | - | - | - | - | - | 1.1 | 82 | |
| 15.5 - 16.4 | - | - | * | 0.2 | 0.3 | 0.1 | * | - | - | - | - | - | - | - | - | 0.6 | 48 | |
| 16.5 - 17.4 | - | 0.1 | 0.9 | 2.5 | 2.1 | 1.8 | 0.8 | 0.3 | 0.1 | * | - | - | - | - | - | 8.6 | 664 | |
| 17.5 - 18.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 | |
| 18.5 - 19.4 | - | - | 0.1 | 0.1 | - | - | - | - | - | - | - | - | - | - | - | 0.1 | 10 | |
| 19.5 - 20.4 | - | * | 0.3 | 0.5 | 0.2 | 0.2 | 0.1 | * | - | - | - | - | - | - | - | 1.4 | 107 | |
| 20.5 - 21.4 | - | - | * | * | - | - | - | - | - | - | - | - | - | - | - | 0.1 | 6 | |
| 21.5 - 22.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 | |
| 22.5 - 23.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 | |
| 23.5 - 24.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 | |
| 24.5 - 25.4 | - | - | 0.1 | * | * | - | - | - | - | - | - | - | - | - | - | 0.1 | 8 | |
| TOTAL % | 0.0 | 5.2 | 23.2 | 30.5 | 22.5 | 12.2 | 4.4 | 1.5 | 0.3 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | | |
| TOTAL N | 1 | 403 | 1798 | 2359 | 1741 | 947 | 341 | 113 | 26 | 12 | 4 | 0 | 0 | 0 | 0 | | 7745 | |

(* < 0.05%)

STATION: 46029

5 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS DOMINANT WAVE PERIOD(SECONDS)

All Months: Annual

| WAVE PERIOD | WAVE HEIGHT | | | | | | | | | | | | | | | TOT % | TOT N |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|---------------|---------------|---------------|-------|-------|-------|
| | 0.0- 0.4 | 0.5- 1.4 | 1.5- 2.4 | 2.5- 3.4 | 3.5- 4.4 | 4.5- 5.4 | 5.5- 6.4 | 6.5- 7.4 | 7.5- 8.4 | 8.5- 9.4 | 9.5- 10.4 | 10.5- 11.4 | 11.5- 12.4 | 12.5- 13.4 | >13.4 | | |
| < 0.5 | 0.3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.3 | 238 |
| 0.5 - 1.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 1.5 - 2.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 2.5 - 3.4 | - | 0.2 | * | - | - | - | - | - | - | - | - | - | - | - | - | 0.2 | 154 |
| 3.5 - 4.4 | * | 0.6 | 0.2 | - | - | - | - | - | - | - | - | - | - | - | - | 0.8 | 685 |
| 4.5 - 5.4 | * | 1.2 | 0.5 | * | - | - | - | - | - | - | - | - | - | - | - | 1.8 | 1451 |
| 5.5 - 6.4 | * | 1.9 | 1.3 | 0.2 | * | - | - | - | - | - | - | - | - | - | - | 3.4 | 2751 |
| 6.5 - 7.4 | * | 3.6 | 1.9 | 0.5 | 0.1 | * | - | - | - | - | - | - | - | - | - | 6.1 | 4992 |
| 7.5 - 8.4 | * | 6.5 | 6.3 | 1.2 | 0.5 | 0.1 | * | - | - | - | - | - | - | - | - | 14.7 | 11975 |
| 8.5 - 9.4 | - | 3.3 | 5.3 | 1.6 | 0.5 | 0.2 | 0.1 | * | - | - | - | - | - | - | - | 11.0 | 8969 |
| 9.5 - 10.4 | - | 2.5 | 6.1 | 2.4 | 0.9 | 0.4 | 0.2 | * | * | - | - | - | - | - | - | 12.5 | 10188 |
| 10.5 - 11.4 | - | 2.0 | 6.4 | 3.6 | 1.7 | 0.6 | 0.3 | 0.1 | * | * | - | - | - | - | - | 14.7 | 11937 |
| 11.5 - 12.4 | - | 0.1 | 0.4 | 0.3 | 0.1 | 0.1 | * | * | - | * | - | - | - | - | - | 0.9 | 766 |
| 12.5 - 13.4 | - | 1.5 | 4.8 | 4.4 | 2.2 | 0.8 | 0.3 | 0.2 | 0.1 | * | * | - | - | - | - | 14.2 | 11583 |
| 13.5 - 14.4 | - | 1.8 | 2.9 | 3.1 | 2.2 | 1.1 | 0.4 | 0.1 | * | * | * | - | - | - | - | 11.8 | 9556 |
| 14.5 - 15.4 | - | 0.2 | 0.2 | 0.2 | 0.1 | * | * | * | * | - | - | - | - | - | - | 0.8 | 640 |
| 15.5 - 16.4 | - | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | * | * | - | - | - | - | - | - | - | 0.6 | 492 |
| 16.5 - 17.4 | - | 1.4 | 1.1 | 1.0 | 0.7 | 0.5 | 0.2 | 0.1 | * | * | * | * | - | * | - | 5.0 | 4078 |
| 17.5 - 18.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 18.5 - 19.4 | - | 0.1 | * | * | * | * | * | * | - | - | - | - | - | - | - | 0.1 | 113 |
| 19.5 - 20.4 | - | 0.2 | 0.3 | 0.2 | 0.1 | 0.1 | * | * | * | * | * | - | - | - | - | 0.8 | 675 |
| 20.5 - 21.4 | * | * | * | * | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 28 |
| 21.5 - 22.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 22.5 - 23.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 23.5 - 24.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 24.5 - 25.4 | - | * | * | * | * | * | - | - | - | - | - | - | - | - | - | 0.0 | 25 |

| | | | | | | | | | | | | | | | | | |
|---------|-----|-------|-------|-------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|
| TOTAL % | 0.3 | 27.3 | 37.9 | 18.9 | 9.2 | 3.9 | 1.6 | 0.5 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 272 | 22225 | 30845 | 15357 | 7498 | 3168 | 1282 | 441 | 134 | 61 | 9 | 3 | 0 | 1 | 0 | | 81296 |

(* < 0.05%)

STATION: 46029

5 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS DOMINANT WAVE PERIOD(SECONDS)

Months: DEC, JAN, FEB (Winter)

| WAVE PERIOD | WAVE HEIGHT | | | | | | | | | | | | | | | TOT % | TOT N |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|---------------|---------------|---------------|-------|-------|-------|
| | 0.0- 0.4 | 0.5- 1.4 | 1.5- 2.4 | 2.5- 3.4 | 3.5- 4.4 | 4.5- 5.4 | 5.5- 6.4 | 6.5- 7.4 | 7.5- 8.4 | 8.5- 9.4 | 9.5- 10.4 | 10.5- 11.4 | 11.5- 12.4 | 12.5- 13.4 | >13.4 | | |
| < 0.5 | 0.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.4 | 71 |
| 0.5 - 1.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 1.5 - 2.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 2.5 - 3.4 | - | 0.3 | * | - | - | - | - | - | - | - | - | - | - | - | - | 0.3 | 53 |
| 3.5 - 4.4 | * | 0.5 | 0.6 | - | - | - | - | - | - | - | - | - | - | - | - | 1.1 | 226 |
| 4.5 - 5.4 | * | * | 0.3 | * | - | - | - | - | - | - | - | - | - | - | - | 0.4 | 71 |
| 5.5 - 6.4 | - | * | 0.3 | 0.3 | * | - | - | - | - | - | - | - | - | - | - | 0.6 | 125 |
| 6.5 - 7.4 | * | * | 0.4 | 0.6 | 0.2 | * | - | - | - | - | - | - | - | - | - | 1.2 | 237 |
| 7.5 - 8.4 | * | 0.3 | 1.2 | 1.6 | 0.9 | 0.3 | * | - | - | - | - | - | - | - | - | 4.3 | 844 |
| 8.5 - 9.4 | - | 0.3 | 1.9 | 1.7 | 1.0 | 0.5 | 0.2 | * | - | - | - | - | - | - | - | 5.5 | 1083 |
| 9.5 - 10.4 | - | 0.5 | 3.0 | 2.7 | 1.6 | 0.8 | 0.3 | 0.1 | * | - | - | - | - | - | - | 9.1 | 1793 |
| 10.5 - 11.4 | - | 1.1 | 5.6 | 5.0 | 3.3 | 1.4 | 0.7 | 0.2 | 0.1 | * | - | - | - | - | - | 17.5 | 3451 |
| 11.5 - 12.4 | - | 0.1 | 0.6 | 0.4 | 0.2 | 0.1 | 0.1 | * | - | - | - | - | - | - | - | 1.5 | 296 |
| 12.5 - 13.4 | - | 1.4 | 7.0 | 6.9 | 4.8 | 2.2 | 0.8 | 0.3 | 0.1 | 0.1 | * | - | - | - | - | 23.6 | 4663 |
| 13.5 - 14.4 | - | 1.1 | 6.3 | 6.4 | 4.5 | 2.5 | 1.0 | 0.3 | 0.1 | * | * | - | - | - | - | 22.2 | 4372 |
| 14.5 - 15.4 | - | * | 0.4 | 0.4 | 0.2 | 0.1 | 0.1 | * | - | - | - | - | - | - | - | 1.2 | 243 |
| 15.5 - 16.4 | - | * | 0.2 | 0.2 | 0.2 | 0.1 | * | - | - | - | - | - | - | - | - | 0.8 | 162 |
| 16.5 - 17.4 | - | 0.4 | 2.2 | 2.3 | 1.6 | 1.2 | 0.5 | 0.2 | 0.1 | * | - | - | - | - | - | 8.4 | 1664 |
| 17.5 - 18.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 18.5 - 19.4 | - | 0.1 | 0.1 | 0.1 | * | * | * | * | - | - | - | - | - | - | - | 0.3 | 59 |
| 19.5 - 20.4 | - | 0.1 | 0.5 | 0.5 | 0.2 | 0.1 | 0.1 | * | - | * | * | - | - | - | - | 1.5 | 297 |
| 20.5 - 21.4 | * | - | * | * | - | - | - | - | - | - | - | - | - | - | - | 0.1 | 11 |
| 21.5 - 22.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 22.5 - 23.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 23.5 - 24.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 24.5 - 25.4 | - | - | * | * | * | - | - | - | - | - | - | - | - | - | - | 0.1 | 14 |
| TOTAL % | 0.4 | 6.1 | 30.8 | 29.2 | 18.7 | 9.4 | 3.7 | 1.2 | 0.3 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 80 | 1203 | 6080 | 5766 | 3690 | 1851 | 729 | 237 | 67 | 27 | 5 | 0 | 0 | 0 | 0 | | 19735 |

(* < 0.05%)

STATION: 46029

5 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS DOMINANT WAVE PERIOD(SECONDS)

Months: MAR, APR, MAY (Spring)

| WAVE PERIOD | WAVE HEIGHT | | | | | | | | | | | | | | | TOT % | TOT N |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|---------------|---------------|---------------|-------|-------|-------|
| | 0.0- 0.4 | 0.5- 1.4 | 1.5- 2.4 | 2.5- 3.4 | 3.5- 4.4 | 4.5- 5.4 | 5.5- 6.4 | 6.5- 7.4 | 7.5- 8.4 | 8.5- 9.4 | 9.5- 10.4 | 10.5- 11.4 | 11.5- 12.4 | 12.5- 13.4 | >13.4 | | |
| < 0.5 | 1.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1.0 | 166 |
| 0.5 - 1.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 1.5 - 2.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 2.5 - 3.4 | - | 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.1 | 14 |
| 3.5 - 4.4 | - | 0.4 | 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | 0.5 | 78 |
| 4.5 - 5.4 | - | 0.7 | 0.6 | * | - | - | - | - | - | - | - | - | - | - | - | 1.3 | 219 |
| 5.5 - 6.4 | - | 0.9 | 1.1 | 0.3 | - | - | - | - | - | - | - | - | - | - | - | 2.2 | 375 |
| 6.5 - 7.4 | - | 1.6 | 1.9 | 0.6 | 0.1 | - | - | - | - | - | - | - | - | - | - | 4.3 | 709 |
| 7.5 - 8.4 | - | 3.7 | 6.9 | 1.7 | 0.6 | 0.1 | - | - | - | - | - | - | - | - | - | 13.1 | 2179 |
| 8.5 - 9.4 | - | 2.7 | 6.2 | 2.5 | 0.6 | 0.2 | * | - | - | - | - | - | - | - | - | 12.2 | 2038 |
| 9.5 - 10.4 | - | 2.5 | 7.1 | 2.8 | 0.6 | 0.3 | 0.1 | * | - | - | - | - | - | - | - | 13.4 | 2242 |
| 10.5 - 11.4 | - | 2.9 | 9.1 | 3.9 | 1.3 | 0.3 | 0.2 | * | - | - | - | - | - | - | - | 17.6 | 2937 |
| 11.5 - 12.4 | - | 0.3 | 0.5 | 0.5 | 0.1 | * | * | * | - | * | - | - | - | - | - | 1.4 | 234 |
| 12.5 - 13.4 | - | 1.8 | 6.1 | 4.6 | 1.8 | 0.4 | 0.2 | * | * | * | - | - | - | - | - | 15.0 | 2505 |
| 13.5 - 14.4 | - | 1.5 | 3.1 | 3.4 | 2.1 | 0.9 | 0.3 | 0.1 | * | * | * | - | - | - | - | 11.3 | 1892 |
| 14.5 - 15.4 | - | 0.2 | 0.1 | 0.1 | * | * | 0.1 | * | - | - | - | - | - | - | - | 0.5 | 89 |
| 15.5 - 16.4 | - | 0.4 | 0.1 | * | 0.1 | * | * | - | - | - | - | - | - | - | - | 0.5 | 88 |
| 16.5 - 17.4 | - | 0.9 | 1.2 | 1.0 | 0.7 | 0.3 | 0.2 | 0.1 | * | - | * | * | - | * | - | 4.4 | 740 |
| 17.5 - 18.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 18.5 - 19.4 | - | * | - | - | * | * | - | - | - | - | - | - | - | - | - | 0.0 | 3 |
| 19.5 - 20.4 | - | 0.1 | 0.4 | 0.2 | 0.1 | 0.1 | - | - | - | - | - | - | - | - | - | 0.9 | 153 |
| 20.5 - 21.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 21.5 - 22.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 22.5 - 23.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 23.5 - 24.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 24.5 - 25.4 | - | - | - | * | * | * | - | - | - | - | - | - | - | - | - | 0.1 | 9 |
| TOTAL % | 1.0 | 20.6 | 44.5 | 21.7 | 8.0 | 2.8 | 1.0 | 0.3 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 166 | 3436 | 7416 | 3611 | 1336 | 463 | 173 | 48 | 9 | 5 | 3 | 3 | 0 | 1 | 0 | | 16670 |

(* < 0.05%)

STATION: 46029

5 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS DOMINANT WAVE PERIOD(SECONDS)

Months: JUN, JUL, AUG (Summer)

| WAVE PERIOD | WAVE HEIGHT | | | | | | | | | | | | | | | TOT % | TOT N |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|---------------|---------------|---------------|-------|-------|-------|
| | 0.0- 0.4 | 0.5- 1.4 | 1.5- 2.4 | 2.5- 3.4 | 3.5- 4.4 | 4.5- 5.4 | 5.5- 6.4 | 6.5- 7.4 | 7.5- 8.4 | 8.5- 9.4 | 9.5- 10.4 | 10.5- 11.4 | 11.5- 12.4 | 12.5- 13.4 | >13.4 | | |
| < 0.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 0.5 - 1.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 1.5 - 2.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 2.5 - 3.4 | - | 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.1 | 21 |
| 3.5 - 4.4 | - | 1.1 | 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | 1.1 | 260 |
| 4.5 - 5.4 | - | 3.3 | 0.8 | - | - | - | - | - | - | - | - | - | - | - | - | 4.0 | 916 |
| 5.5 - 6.4 | 0.1 | 5.1 | 2.5 | * | - | - | - | - | - | - | - | - | - | - | - | 7.7 | 1747 |
| 6.5 - 7.4 | * | 9.7 | 3.8 | 0.1 | * | - | - | - | - | - | - | - | - | - | - | 13.6 | 3088 |
| 7.5 - 8.4 | - | 16.0 | 12.3 | 0.4 | 0.1 | - | - | - | - | - | - | - | - | - | - | 28.8 | 6538 |
| 8.5 - 9.4 | - | 6.3 | 7.7 | 0.8 | 0.1 | * | - | - | - | - | - | - | - | - | - | 14.8 | 3370 |
| 9.5 - 10.4 | - | 3.3 | 6.3 | 1.4 | 0.1 | - | - | - | - | - | - | - | - | - | - | 11.1 | 2518 |
| 10.5 - 11.4 | - | 1.7 | 3.6 | 0.8 | 0.1 | * | - | - | - | - | - | - | - | - | - | 6.2 | 1409 |
| 11.5 - 12.4 | - | 0.1 | 0.1 | 0.1 | * | - | - | - | - | - | - | - | - | - | - | 0.2 | 54 |
| 12.5 - 13.4 | - | 1.5 | 1.1 | 0.7 | 0.1 | * | * | - | - | - | - | - | - | - | - | 3.4 | 772 |
| 13.5 - 14.4 | - | 3.0 | 0.4 | 0.2 | 0.1 | 0.1 | * | - | - | - | - | - | - | - | - | 3.7 | 849 |
| 14.5 - 15.4 | - | 0.6 | 0.1 | * | - | - | - | - | - | - | - | - | - | - | - | 0.7 | 153 |
| 15.5 - 16.4 | - | 0.5 | * | - | - | - | - | - | - | - | - | - | - | - | - | 0.6 | 132 |
| 16.5 - 17.4 | - | 3.0 | 0.3 | * | * | - | - | - | - | - | - | - | - | - | - | 3.4 | 768 |
| 17.5 - 18.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 18.5 - 19.4 | - | 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.1 | 33 |
| 19.5 - 20.4 | - | 0.3 | 0.1 | * | - | - | - | - | - | - | - | - | - | - | - | 0.4 | 89 |
| 20.5 - 21.4 | - | 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.1 | 16 |
| TOTAL % | 0.1 | 55.7 | 39.1 | 4.5 | 0.6 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 16 | 12652 | 8879 | 1022 | 134 | 22 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 22733 |

(* < 0.05%)

STATION: 46029

5 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS DOMINANT WAVE PERIOD(SECONDS)

Months: SEP, OCT, NOV (Autumn)

| WAVE PERIOD | WAVE HEIGHT | | | | | | | | | | | | | | | TOT % | TOT N |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|---------------|---------------|---------------|-------|-------|-------|
| | 0.0- 0.4 | 0.5- 1.4 | 1.5- 2.4 | 2.5- 3.4 | 3.5- 4.4 | 4.5- 5.4 | 5.5- 6.4 | 6.5- 7.4 | 7.5- 8.4 | 8.5- 9.4 | 9.5- 10.4 | 10.5- 11.4 | 11.5- 12.4 | 12.5- 13.4 | >13.4 | | |
| < 0.5 | * | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 1 |
| 0.5 - 1.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 1.5 - 2.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 2.5 - 3.4 | - | 0.3 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.3 | 66 |
| 3.5 - 4.4 | - | 0.4 | 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | 0.5 | 121 |
| 4.5 - 5.4 | - | 0.6 | 0.4 | * | - | - | - | - | - | - | - | - | - | - | - | 1.1 | 245 |
| 5.5 - 6.4 | - | 1.0 | 1.0 | 0.3 | * | - | - | - | - | - | - | - | - | - | - | 2.3 | 504 |
| 6.5 - 7.4 | * | 2.1 | 1.4 | 0.7 | 0.2 | - | - | - | - | - | - | - | - | - | - | 4.3 | 958 |
| 7.5 - 8.4 | * | 4.5 | 4.3 | 1.3 | 0.6 | 0.1 | * | - | - | - | - | - | - | - | - | 10.9 | 2414 |
| 8.5 - 9.4 | - | 3.5 | 5.2 | 1.6 | 0.6 | 0.2 | * | - | - | - | - | - | - | - | - | 11.2 | 2478 |
| 9.5 - 10.4 | - | 3.4 | 8.0 | 3.0 | 1.3 | 0.4 | 0.2 | * | - | - | - | - | - | - | - | 16.4 | 3635 |
| 10.5 - 11.4 | - | 2.3 | 8.1 | 5.1 | 2.1 | 0.7 | 0.2 | 0.1 | * | - | - | - | - | - | - | 18.7 | 4140 |
| 11.5 - 12.4 | - | 0.1 | 0.4 | 0.2 | 0.1 | * | * | - | - | - | - | - | - | - | - | 0.8 | 182 |
| 12.5 - 13.4 | - | 1.3 | 5.5 | 5.9 | 2.3 | 0.7 | 0.3 | 0.3 | 0.1 | * | - | - | - | - | - | 16.4 | 3643 |
| 13.5 - 14.4 | - | 1.3 | 2.5 | 3.0 | 2.5 | 1.0 | 0.5 | 0.2 | 0.1 | 0.1 | * | - | - | - | - | 11.0 | 2443 |
| 14.5 - 15.4 | - | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | * | * | - | - | - | - | - | - | 0.7 | 155 |
| 15.5 - 16.4 | - | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | * | * | - | - | - | - | - | - | - | 0.5 | 110 |
| 16.5 - 17.4 | - | 1.0 | 0.8 | 0.9 | 0.5 | 0.3 | 0.2 | 0.1 | 0.1 | * | - | - | - | - | - | 4.1 | 906 |
| 17.5 - 18.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 18.5 - 19.4 | - | * | * | * | * | * | - | - | - | - | - | - | - | - | - | 0.1 | 18 |
| 19.5 - 20.4 | - | 0.2 | 0.2 | 0.1 | 0.1 | * | * | * | * | - | - | - | - | - | - | 0.6 | 136 |
| 20.5 - 21.4 | - | - | * | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 1 |
| 21.5 - 22.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 22.5 - 23.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 23.5 - 24.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 24.5 - 25.4 | - | * | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 2 |
| TOTAL % | 0.0 | 22.3 | 38.2 | 22.4 | 10.6 | 3.8 | 1.7 | 0.7 | 0.3 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 10 | 4934 | 8470 | 4958 | 2338 | 832 | 372 | 156 | 58 | 29 | 1 | 0 | 0 | 0 | 0 | | 22158 |

(* < 0.05%)

STATION: 46029

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Month: JAN

| WAVE PERIOD | WAVE HEIGHT | | | | | | | | | | | | | | | TOT % | TOT N |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|---------------|---------------|---------------|-------|-------|-------|
| | 0.0- 0.4 | 0.5- 1.4 | 1.5- 2.4 | 2.5- 3.4 | 3.5- 4.4 | 4.5- 5.4 | 5.5- 6.4 | 6.5- 7.4 | 7.5- 8.4 | 8.5- 9.4 | 9.5- 10.4 | 10.5- 11.4 | 11.5- 12.4 | 12.5- 13.4 | >13.4 | | |
| < 0.5 | 1.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1.0 | 70 |
| 0.5 - 1.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 1.5 - 2.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 2.5 - 3.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 3.5 - 4.4 | 0.1 | 1.6 | 1.5 | - | - | - | - | - | - | - | - | - | - | - | - | 3.2 | 218 |
| 4.5 - 5.4 | * | 2.2 | 4.1 | 0.6 | * | - | - | - | - | - | - | - | - | - | - | 6.9 | 480 |
| 5.5 - 6.4 | * | 1.2 | 6.8 | 5.3 | 1.5 | * | - | - | - | - | - | - | - | - | - | 15.0 | 1034 |

| | | | | | | | | | | | | | | | | | |
|-------------|-----|-----|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|------|
| 6.5 - 7.4 | - | 0.9 | 8.9 | 7.8 | 6.3 | 1.5 | 0.1 | - | - | - | - | - | - | - | - | 25.5 | 1760 |
| 7.5 - 8.4 | - | 0.7 | 6.9 | 6.6 | 5.7 | 3.2 | 1.3 | 0.2 | * | - | - | - | - | - | - | 24.7 | 1709 |
| 8.5 - 9.4 | * | 0.2 | 2.9 | 4.0 | 3.1 | 2.2 | 1.1 | 0.4 | 0.2 | 0.1 | - | - | - | - | - | 14.3 | 985 |
| 9.5 - 10.4 | - | * | 1.3 | 1.7 | 1.3 | 1.0 | 0.5 | 0.1 | 0.1 | 0.1 | - | - | - | - | - | 6.0 | 416 |
| 10.5 - 11.4 | - | - | 0.3 | 1.0 | 0.5 | 0.3 | 0.1 | - | - | - | - | - | - | - | - | 2.3 | 158 |
| 11.5 - 12.4 | - | - | * | 0.6 | 0.3 | * | 0.1 | - | - | - | - | - | - | - | - | 1.0 | 71 |
| 12.5 - 13.4 | - | - | - | * | 0.1 | * | - | - | - | - | - | - | - | - | - | 0.1 | 6 |
| TOTAL % | 1.1 | 6.9 | 32.8 | 27.6 | 18.9 | 8.3 | 3.2 | 0.8 | 0.3 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 79 | 475 | 2268 | 1909 | 1305 | 570 | 219 | 54 | 18 | 10 | 0 | 0 | 0 | 0 | 0 | 6907 | |

(* < 0.05%)

STATION: 46029

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Month: FEB

| | | WAVE HEIGHT | | | | | | | | | | | | | | | | |
|-------------|--|-------------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| | | 0.0- | 0.5- | 1.5- | 2.5- | 3.5- | 4.5- | 5.5- | 6.5- | 7.5- | 8.5- | 9.5- | 10.5- | 11.5- | 12.5- | >13.4 | TOT % | TOT N |
| WAVE PERIOD | | 0.4 | 1.4 | 2.4 | 3.4 | 4.4 | 5.4 | 6.4 | 7.4 | 8.4 | 9.4 | 10.4 | 11.4 | 12.4 | 13.4 | | | |
| < 0.5 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 0.5 - 1.4 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 1.5 - 2.4 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 2.5 - 3.4 | | - | 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.1 | 5 |
| 3.5 - 4.4 | | - | 0.8 | 0.8 | - | - | - | - | - | - | - | - | - | - | - | - | 1.6 | 76 |
| 4.5 - 5.4 | | - | 0.9 | 4.8 | 1.5 | - | - | - | - | - | - | - | - | - | - | - | 7.1 | 342 |
| 5.5 - 6.4 | | - | 1.3 | 7.6 | 5.4 | 1.3 | - | - | - | - | - | - | - | - | - | - | 15.6 | 747 |
| 6.5 - 7.4 | | - | 1.3 | 8.9 | 8.8 | 3.9 | 0.9 | * | - | - | - | - | - | - | - | - | 23.8 | 1142 |
| 7.5 - 8.4 | | - | 0.7 | 8.3 | 6.7 | 2.8 | 2.6 | 1.3 | 0.2 | - | - | - | - | - | - | - | 22.7 | 1086 |
| 8.5 - 9.4 | | - | 0.5 | 5.3 | 4.3 | 3.3 | 2.4 | 1.6 | 0.5 | 0.3 | 0.1 | - | - | - | - | - | 18.2 | 874 |
| 9.5 - 10.4 | | - | 0.2 | 2.0 | 1.8 | 1.2 | 0.7 | 0.5 | 0.6 | 0.1 | * | - | - | - | - | - | 7.0 | 337 |
| 10.5 - 11.4 | | - | 0.2 | 0.8 | 0.7 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | - | - | - | - | - | - | 2.5 | 121 |
| 11.5 - 12.4 | | - | * | 0.6 | 0.3 | * | 0.1 | - | - | - | * | - | - | - | - | - | 1.1 | 53 |
| 12.5 - 13.4 | | - | - | 0.1 | 0.1 | - | * | - | - | - | - | * | - | - | - | - | 0.2 | 9 |
| 13.5 - 14.4 | | - | - | * | * | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 2 |
| TOTAL % | | 0.0 | 5.9 | 39.2 | 29.6 | 12.8 | 6.9 | 3.5 | 1.5 | 0.5 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | | 0 | 281 | 1879 | 1419 | 615 | 332 | 169 | 70 | 23 | 5 | 1 | 0 | 0 | 0 | 0 | 4794 | |

(* < 0.05%)

STATION: 46029

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Month: MAR

| | | WAVE HEIGHT | | | | | | | | | | | | | | | | |
|-------------|--|-------------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| | | 0.0- | 0.5- | 1.5- | 2.5- | 3.5- | 4.5- | 5.5- | 6.5- | 7.5- | 8.5- | 9.5- | 10.5- | 11.5- | 12.5- | >13.4 | TOT % | TOT N |
| WAVE PERIOD | | 0.4 | 1.4 | 2.4 | 3.4 | 4.4 | 5.4 | 6.4 | 7.4 | 8.4 | 9.4 | 10.4 | 11.4 | 12.4 | 13.4 | | | |
| < 0.5 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 0.5 - 1.4 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 1.5 - 2.4 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 2.5 - 3.4 | | - | 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.1 | 6 |
| 3.5 - 4.4 | | - | 0.7 | 0.3 | - | - | - | - | - | - | - | - | - | - | - | - | 1.0 | 49 |
| 4.5 - 5.4 | | - | 2.7 | 3.0 | 0.3 | * | - | - | - | - | - | - | - | - | - | - | 6.0 | 302 |
| 5.5 - 6.4 | | - | 2.1 | 6.4 | 3.7 | 1.2 | - | - | - | - | - | - | - | - | - | - | 13.4 | 678 |
| 6.5 - 7.4 | | - | 1.1 | 8.1 | 7.3 | 3.3 | 0.8 | 0.1 | - | - | - | - | - | - | - | - | 20.7 | 1046 |
| 7.5 - 8.4 | | - | 1.0 | 7.8 | 8.2 | 6.0 | 1.7 | 0.7 | 0.1 | - | - | - | - | - | - | - | 25.4 | 1283 |
| 8.5 - 9.4 | | - | 0.4 | 6.2 | 5.8 | 3.9 | 2.0 | 1.0 | 0.4 | 0.1 | * | - | - | - | - | - | 19.8 | 1000 |
| 9.5 - 10.4 | | - | 0.1 | 2.4 | 2.9 | 1.6 | 1.2 | 0.4 | 0.2 | 0.1 | 0.1 | * | - | - | - | - | 9.0 | 454 |
| 10.5 - 11.4 | | - | * | 0.5 | 1.3 | 0.5 | 0.7 | 0.4 | 0.1 | * | - | * | * | - | - | - | 3.5 | 178 |
| 11.5 - 12.4 | | - | - | 0.1 | 0.3 | 0.1 | 0.1 | - | * | - | - | - | - | - | * | - | 0.6 | 30 |
| 12.5 - 13.4 | | - | - | * | 0.2 | 0.1 | - | - | - | - | - | - | - | - | - | - | 0.3 | 13 |
| 13.5 - 14.4 | | - | - | - | - | 0.1 | - | - | - | - | - | - | - | - | - | - | 0.1 | 3 |
| 14.5 - 15.4 | | - | - | - | - | * | - | - | - | - | - | - | - | - | - | - | 0.0 | 1 |
| TOTAL % | | 0.0 | 8.2 | 34.8 | 30.0 | 16.8 | 6.4 | 2.6 | 0.8 | 0.2 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | | 0 | 413 | 1756 | 1511 | 846 | 322 | 132 | 42 | 9 | 5 | 3 | 3 | 0 | 1 | 0 | 5043 | |

(* < 0.05%)

STATION: 46029

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Month: APR

| | | WAVE HEIGHT | | | | | | | | | | | | | | | | |
|-------------|--|-------------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| | | 0.0- | 0.5- | 1.5- | 2.5- | 3.5- | 4.5- | 5.5- | 6.5- | 7.5- | 8.5- | 9.5- | 10.5- | 11.5- | 12.5- | >13.4 | TOT % | TOT N |
| WAVE PERIOD | | 0.4 | 1.4 | 2.4 | 3.4 | 4.4 | 5.4 | 6.4 | 7.4 | 8.4 | 9.4 | 10.4 | 11.4 | 12.4 | 13.4 | | | |
| < 0.5 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 0.5 - 1.4 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 1.5 - 2.4 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 2.5 - 3.4 | | - | 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.1 | 3 |
| 3.5 - 4.4 | | - | 1.5 | 0.7 | - | - | - | - | - | - | - | - | - | - | - | - | 2.2 | 103 |
| 4.5 - 5.4 | | - | 5.0 | 4.1 | 0.8 | - | - | - | - | - | - | - | - | - | - | - | 9.9 | 464 |
| 5.5 - 6.4 | | - | 5.2 | 13.3 | 5.0 | 0.7 | * | - | - | - | - | - | - | - | - | - | 24.3 | 1136 |

| | | | | | | | | | | | | | | | | | |
|-------------|-----|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|------|
| 6.5 - 7.4 | - | 5.0 | 19.6 | 8.3 | 1.9 | 0.5 | - | - | - | - | - | - | - | - | - | 35.2 | 1649 |
| 7.5 - 8.4 | - | 1.9 | 7.5 | 5.6 | 1.7 | 0.7 | 0.2 | - | - | - | - | - | - | - | - | 17.6 | 823 |
| 8.5 - 9.4 | - | 0.7 | 1.7 | 2.5 | 1.8 | 0.5 | 0.4 | * | - | - | - | - | - | - | - | 7.4 | 346 |
| 9.5 - 10.4 | - | * | 0.2 | 0.7 | 0.7 | 0.5 | 0.2 | - | - | - | - | - | - | - | - | 2.4 | 113 |
| 10.5 - 11.4 | - | - | - | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | - | - | - | - | - | - | - | 0.6 | 28 |
| 11.5 - 12.4 | - | - | - | 0.1 | - | * | - | * | - | - | - | - | - | - | - | 0.2 | 10 |
| 12.5 - 13.4 | - | - | - | * | * | - | - | - | - | - | - | - | - | - | - | 0.1 | 4 |
| TOTAL % | 0.0 | 19.3 | 47.0 | 23.4 | 7.0 | 2.3 | 0.9 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 0 | 903 | 2199 | 1095 | 326 | 109 | 41 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 4679 |

(* < 0.05%)

STATION: 46029

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Month: MAY

| | | WAVE HEIGHT | | | | | | | | | | | | | | | |
|-------------|------|-------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| WAVE PERIOD | 0.0- | 0.5- | 1.5- | 2.5- | 3.5- | 4.5- | 5.5- | 6.5- | 7.5- | 8.5- | 9.5- | 10.5- | 11.5- | 12.5- | >13.4 | TOT % | TOT N |
| < 0.5 | 0.4 | 1.4 | 2.4 | 3.4 | 4.4 | 5.4 | 6.4 | 7.4 | 8.4 | 9.4 | 10.4 | 11.4 | 12.4 | 13.4 | - | 2.4 | 166 |
| 0.5 - 1.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 1.5 - 2.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 2.5 - 3.4 | - | * | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 3 |
| 3.5 - 4.4 | - | 1.8 | 0.4 | - | - | - | - | - | - | - | - | - | - | - | - | 2.2 | 153 |
| 4.5 - 5.4 | - | 7.9 | 6.6 | 0.3 | - | - | - | - | - | - | - | - | - | - | - | 14.8 | 1026 |
| 5.5 - 6.4 | - | 11.6 | 19.9 | 2.7 | 0.1 | - | - | - | - | - | - | - | - | - | - | 34.2 | 2379 |
| 6.5 - 7.4 | - | 7.7 | 15.3 | 6.8 | 0.5 | * | - | - | - | - | - | - | - | - | - | 30.3 | 2109 |
| 7.5 - 8.4 | - | 1.4 | 6.3 | 3.5 | 0.8 | * | - | - | - | - | - | - | - | - | - | 12.1 | 838 |
| 8.5 - 9.4 | - | 0.1 | 1.0 | 1.0 | 0.9 | 0.3 | - | - | - | - | - | - | - | - | - | 3.4 | 233 |
| 9.5 - 10.4 | - | * | 0.2 | 0.1 | 0.1 | 0.1 | - | - | - | - | - | - | - | - | - | 0.5 | 37 |
| 10.5 - 11.4 | - | - | 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | 0.1 | 5 |
| TOTAL % | 2.4 | 30.5 | 49.8 | 14.5 | 2.4 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 166 | 2121 | 3461 | 1005 | 164 | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 6949 |

(* < 0.05%)

STATION: 46029

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Month: JUN

| | | WAVE HEIGHT | | | | | | | | | | | | | | | |
|-------------|------|-------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| WAVE PERIOD | 0.0- | 0.5- | 1.5- | 2.5- | 3.5- | 4.5- | 5.5- | 6.5- | 7.5- | 8.5- | 9.5- | 10.5- | 11.5- | 12.5- | >13.4 | TOT % | TOT N |
| < 0.5 | 0.4 | 1.4 | 2.4 | 3.4 | 4.4 | 5.4 | 6.4 | 7.4 | 8.4 | 9.4 | 10.4 | 11.4 | 12.4 | 13.4 | - | 0.0 | 0 |
| 0.5 - 1.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 1.5 - 2.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 2.5 - 3.4 | - | 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.1 | 6 |
| 3.5 - 4.4 | - | 5.5 | 1.4 | - | - | - | - | - | - | - | - | - | - | - | - | 6.9 | 499 |
| 4.5 - 5.4 | * | 15.8 | 7.5 | 0.1 | - | - | - | - | - | - | - | - | - | - | - | 23.4 | 1689 |
| 5.5 - 6.4 | - | 15.1 | 16.5 | 0.6 | 0.1 | - | - | - | - | - | - | - | - | - | - | 32.3 | 2332 |
| 6.5 - 7.4 | - | 7.7 | 12.0 | 4.6 | 0.5 | * | - | - | - | - | - | - | - | - | - | 24.8 | 1788 |
| 7.5 - 8.4 | - | 1.6 | 5.1 | 2.8 | 0.5 | 0.2 | * | - | - | - | - | - | - | - | - | 10.2 | 739 |
| 8.5 - 9.4 | - | 0.2 | 0.7 | 0.9 | 0.2 | * | 0.1 | - | - | - | - | - | - | - | - | 2.0 | 147 |
| 9.5 - 10.4 | - | - | 0.1 | 0.1 | * | - | - | - | - | - | - | - | - | - | - | 0.2 | 17 |
| TOTAL % | 0.0 | 45.9 | 43.3 | 9.1 | 1.3 | 0.3 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 3 | 3312 | 3124 | 658 | 92 | 20 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 7217 |

(* < 0.05%)

STATION: 46029

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Month: JUL

| | | WAVE HEIGHT | | | | | | | | | | | | | | | |
|-------------|------|-------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| WAVE PERIOD | 0.0- | 0.5- | 1.5- | 2.5- | 3.5- | 4.5- | 5.5- | 6.5- | 7.5- | 8.5- | 9.5- | 10.5- | 11.5- | 12.5- | >13.4 | TOT % | TOT N |
| < 0.5 | 0.4 | 1.4 | 2.4 | 3.4 | 4.4 | 5.4 | 6.4 | 7.4 | 8.4 | 9.4 | 10.4 | 11.4 | 12.4 | 13.4 | - | 0.0 | 0 |
| 0.5 - 1.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 1.5 - 2.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 2.5 - 3.4 | - | 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.1 | 11 |
| 3.5 - 4.4 | - | 5.3 | 0.9 | - | - | - | - | - | - | - | - | - | - | - | - | 6.2 | 457 |
| 4.5 - 5.4 | - | 22.4 | 8.6 | * | - | - | - | - | - | - | - | - | - | - | - | 31.1 | 2294 |
| 5.5 - 6.4 | - | 21.8 | 17.8 | 0.4 | - | - | - | - | - | - | - | - | - | - | - | 40.0 | 2955 |
| 6.5 - 7.4 | - | 9.0 | 9.1 | 1.4 | * | - | - | - | - | - | - | - | - | - | - | 19.5 | 1439 |
| 7.5 - 8.4 | - | 0.7 | 1.6 | 0.5 | 0.1 | - | - | - | - | - | - | - | - | - | - | 2.9 | 215 |
| 8.5 - 9.4 | - | - | 0.2 | * | - | - | - | - | - | - | - | - | - | - | - | 0.2 | 17 |
| TOTAL % | 0.0 | 59.3 | 38.3 | 2.3 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 0 | 4379 | 2833 | 170 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 7388 |

(* < 0.05%)

STATION: 46029

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Month: AUG

| WAVE PERIOD | WAVE HEIGHT | | | | | | | | | | | | | | | TOT % | TOT N |
|-------------|-------------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| | 0.0- | 0.5- | 1.5- | 2.5- | 3.5- | 4.5- | 5.5- | 6.5- | 7.5- | 8.5- | 9.5- | 10.5- | 11.5- | 12.5- | >13.4 | | |
| < 0.5 | 0.4 | 1.4 | 2.4 | 3.4 | 4.4 | 5.4 | 6.4 | 7.4 | 8.4 | 9.4 | 10.4 | 11.4 | 12.4 | 13.4 | | 0.0 | 0 |
| 0.5 - 1.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 1.5 - 2.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 2.5 - 3.4 | - | 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.1 | 10 |
| 3.5 - 4.4 | * | 5.5 | 0.5 | - | - | - | - | - | - | - | - | - | - | - | - | 6.1 | 492 |
| 4.5 - 5.4 | 0.1 | 20.8 | 7.8 | 0.1 | - | - | - | - | - | - | - | - | - | - | - | 28.9 | 2348 |
| 5.5 - 6.4 | - | 23.9 | 16.1 | 0.5 | - | - | - | - | - | - | - | - | - | - | - | 40.5 | 3295 |
| 6.5 - 7.4 | - | 9.3 | 8.8 | 0.9 | * | - | - | - | - | - | - | - | - | - | - | 19.1 | 1549 |
| 7.5 - 8.4 | - | 1.3 | 2.4 | 0.6 | 0.3 | * | - | - | - | - | - | - | - | - | - | 4.6 | 373 |
| 8.5 - 9.4 | - | * | 0.3 | 0.3 | 0.1 | * | - | - | - | - | - | - | - | - | - | 0.6 | 50 |
| 9.5 - 10.4 | - | - | * | 0.1 | - | - | - | - | - | - | - | - | - | - | - | 0.1 | 11 |
| TOTAL % | 0.2 | 61.0 | 35.9 | 2.4 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 13 | 4961 | 2922 | 194 | 36 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 8128 |

(* < 0.05%)

STATION: 46029

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Month: SEP

| WAVE PERIOD | WAVE HEIGHT | | | | | | | | | | | | | | | TOT % | TOT N |
|-------------|-------------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| | 0.0- | 0.5- | 1.5- | 2.5- | 3.5- | 4.5- | 5.5- | 6.5- | 7.5- | 8.5- | 9.5- | 10.5- | 11.5- | 12.5- | >13.4 | | |
| < 0.5 | 0.4 | 1.4 | 2.4 | 3.4 | 4.4 | 5.4 | 6.4 | 7.4 | 8.4 | 9.4 | 10.4 | 11.4 | 12.4 | 13.4 | | 0.0 | 1 |
| 0.5 - 1.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 1.5 - 2.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 2.5 - 3.4 | * | 0.2 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.2 | 18 |
| 3.5 - 4.4 | * | 3.3 | 0.9 | - | - | - | - | - | - | - | - | - | - | - | - | 4.3 | 317 |
| 4.5 - 5.4 | * | 11.0 | 6.2 | 0.2 | - | - | - | - | - | - | - | - | - | - | - | 17.4 | 1298 |
| 5.5 - 6.4 | * | 14.1 | 14.4 | 1.4 | 0.1 | - | - | - | - | - | - | - | - | - | - | 29.9 | 2229 |
| 6.5 - 7.4 | - | 8.2 | 14.7 | 3.9 | 0.3 | * | - | - | - | - | - | - | - | - | - | 27.1 | 2021 |
| 7.5 - 8.4 | - | 2.2 | 6.2 | 3.7 | 0.6 | 0.1 | * | - | - | - | - | - | - | - | - | 12.8 | 956 |
| 8.5 - 9.4 | - | 0.6 | 2.2 | 1.9 | 0.4 | 0.1 | * | - | - | - | - | - | - | - | - | 5.3 | 392 |
| 9.5 - 10.4 | - | 0.1 | 0.7 | 0.8 | 0.3 | 0.1 | 0.1 | * | - | - | - | - | - | - | - | 2.1 | 159 |
| 10.5 - 11.4 | - | * | 0.3 | 0.3 | 0.1 | - | - | - | - | - | - | - | - | - | - | 0.7 | 50 |
| 11.5 - 12.4 | - | * | * | * | - | - | - | - | - | - | - | - | - | - | - | 0.1 | 5 |
| 12.5 - 13.4 | - | - | * | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 1 |
| TOTAL % | 0.1 | 39.8 | 45.6 | 12.2 | 1.8 | 0.3 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 10 | 2965 | 3396 | 909 | 133 | 20 | 11 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 7447 |

(* < 0.05%)

STATION: 46029

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Month: OCT

| WAVE PERIOD | WAVE HEIGHT | | | | | | | | | | | | | | | TOT % | TOT N |
|-------------|-------------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| | 0.0- | 0.5- | 1.5- | 2.5- | 3.5- | 4.5- | 5.5- | 6.5- | 7.5- | 8.5- | 9.5- | 10.5- | 11.5- | 12.5- | >13.4 | | |
| < 0.5 | 0.4 | 1.4 | 2.4 | 3.4 | 4.4 | 5.4 | 6.4 | 7.4 | 8.4 | 9.4 | 10.4 | 11.4 | 12.4 | 13.4 | | 0.0 | 0 |
| 0.5 - 1.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 1.5 - 2.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 2.5 - 3.4 | - | 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.1 | 8 |
| 3.5 - 4.4 | - | 2.0 | 0.5 | - | - | - | - | - | - | - | - | - | - | - | - | 2.4 | 189 |
| 4.5 - 5.4 | - | 4.7 | 3.6 | 0.6 | * | - | - | - | - | - | - | - | - | - | - | 8.9 | 687 |
| 5.5 - 6.4 | - | 6.0 | 10.1 | 3.3 | 0.3 | * | - | - | - | - | - | - | - | - | - | 19.8 | 1535 |
| 6.5 - 7.4 | - | 3.8 | 12.8 | 7.7 | 2.7 | 0.4 | * | - | - | - | - | - | - | - | - | 27.5 | 2129 |
| 7.5 - 8.4 | - | 2.0 | 7.8 | 8.8 | 3.7 | 1.0 | 0.4 | * | - | - | - | - | - | - | - | 23.6 | 1834 |
| 8.5 - 9.4 | - | 1.2 | 2.7 | 3.9 | 2.6 | 0.9 | 0.2 | 0.2 | - | - | - | - | - | - | - | 11.7 | 906 |
| 9.5 - 10.4 | - | 0.4 | 1.1 | 1.2 | 0.7 | 0.3 | 0.3 | 0.3 | 0.1 | * | - | - | - | - | - | 4.5 | 352 |
| 10.5 - 11.4 | - | - | 0.4 | 0.4 | 0.2 | 0.1 | * | 0.1 | 0.1 | 0.1 | - | - | - | - | - | 1.3 | 103 |
| 11.5 - 12.4 | - | - | * | * | 0.1 | - | - | - | - | - | - | - | - | - | - | 0.1 | 9 |
| 12.5 - 13.4 | - | - | - | * | * | * | - | - | - | - | - | - | - | - | - | 0.0 | 3 |
| TOTAL % | 0.0 | 20.3 | 38.9 | 26.0 | 10.4 | 2.6 | 1.0 | 0.6 | 0.2 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 0 | 1571 | 3019 | 2014 | 805 | 203 | 74 | 43 | 13 | 13 | 0 | 0 | 0 | 0 | 0 | | 7755 |

(* < 0.05%)

STATION: 46029

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Month: NOV

WAVE HEIGHT

| WAVE PERIOD | 0.0- 0.4 | 0.5- 1.4 | 1.5- 2.4 | 2.5- 3.4 | 3.5- 4.4 | 4.5- 5.4 | 5.5- 6.4 | 6.5- 7.4 | 7.5- 8.4 | 8.5- 9.4 | 9.5- 10.4 | 10.5- 11.4 | 11.5- 12.4 | 12.5- 13.4 | >13.4 | TOT % | TOT N |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|---------------|---------------|---------------|-------|-------|-------|
| < 0.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 0.5 - 1.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 1.5 - 2.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 2.5 - 3.4 | - | 0.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.5 | 38 |
| 3.5 - 4.4 | - | 1.3 | 1.3 | - | - | - | - | - | - | - | - | - | - | - | - | 2.5 | 177 |
| 4.5 - 5.4 | - | 1.2 | 3.6 | 0.7 | * | - | - | - | - | - | - | - | - | - | - | 5.5 | 381 |
| 5.5 - 6.4 | - | 1.2 | 6.9 | 6.0 | 1.0 | * | - | - | - | - | - | - | - | - | - | 15.3 | 1063 |
| 6.5 - 7.4 | - | 0.9 | 8.6 | 8.2 | 5.6 | 1.2 | 0.1 | - | - | - | - | - | - | - | - | 24.5 | 1707 |
| 7.5 - 8.4 | - | 0.4 | 6.0 | 9.4 | 6.8 | 3.1 | 1.2 | 0.2 | * | - | - | - | - | - | - | 27.1 | 1884 |
| 8.5 - 9.4 | - | 0.1 | 2.4 | 3.9 | 4.9 | 2.5 | 1.7 | 0.7 | 0.2 | * | - | - | - | - | - | 16.5 | 1148 |
| 9.5 - 10.4 | - | * | 0.6 | 1.1 | 1.4 | 1.4 | 0.8 | 0.4 | 0.2 | 0.1 | * | - | - | - | - | 6.1 | 427 |
| 10.5 - 11.4 | - | - | 0.2 | * | 0.3 | 0.4 | 0.3 | 0.2 | 0.2 | 0.1 | - | - | - | - | - | 1.6 | 108 |
| 11.5 - 12.4 | - | - | * | - | * | 0.1 | * | * | 0.1 | * | - | - | - | - | - | 0.3 | 22 |
| 12.5 - 13.4 | - | - | - | - | - | - | - | * | - | - | - | - | - | - | - | 0.0 | 1 |
| TOTAL % | 0.0 | 5.7 | 29.5 | 29.3 | 20.1 | 8.8 | 4.1 | 1.6 | 0.6 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 0 | 398 | 2055 | 2035 | 1400 | 609 | 287 | 110 | 45 | 16 | 1 | 0 | 0 | 0 | 0 | | 6956 |

(* < 0.05%)

STATION: 46029

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Month: DEC

| WAVE PERIOD | WAVE HEIGHT | | | | | | | | | | | | | | | TOT % | TOT N |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|---------------|---------------|---------------|-------|-------|-------|
| | 0.0- 0.4 | 0.5- 1.4 | 1.5- 2.4 | 2.5- 3.4 | 3.5- 4.4 | 4.5- 5.4 | 5.5- 6.4 | 6.5- 7.4 | 7.5- 8.4 | 8.5- 9.4 | 9.5- 10.4 | 10.5- 11.4 | 11.5- 12.4 | 12.5- 13.4 | >13.4 | | |
| < 0.5 | * | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 1 |
| 0.5 - 1.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 1.5 - 2.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 2.5 - 3.4 | - | 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.1 | 7 |
| 3.5 - 4.4 | - | 1.4 | 0.4 | - | - | - | - | - | - | - | - | - | - | - | - | 1.8 | 141 |
| 4.5 - 5.4 | - | 1.0 | 4.3 | 0.6 | - | - | - | - | - | - | - | - | - | - | - | 5.9 | 455 |
| 5.5 - 6.4 | - | 1.1 | 5.4 | 5.2 | 1.5 | 0.1 | - | - | - | - | - | - | - | - | - | 13.2 | 1021 |
| 6.5 - 7.4 | - | 1.0 | 6.6 | 8.7 | 5.5 | 2.2 | 0.2 | - | - | - | - | - | - | - | - | 24.2 | 1873 |
| 7.5 - 8.4 | - | 0.6 | 4.1 | 8.8 | 6.8 | 4.1 | 1.4 | 0.4 | * | - | - | - | - | - | - | 26.2 | 2032 |
| 8.5 - 9.4 | - | * | 1.9 | 4.6 | 6.1 | 3.4 | 1.3 | 0.6 | 0.2 | * | - | - | - | - | - | 18.1 | 1403 |
| 9.5 - 10.4 | - | - | 0.4 | 2.0 | 1.9 | 1.8 | 0.9 | 0.1 | 0.1 | 0.1 | * | - | - | - | - | 7.4 | 570 |
| 10.5 - 11.4 | - | - | 0.2 | 0.5 | 0.6 | 0.5 | 0.4 | 0.3 | * | * | * | - | - | - | - | 2.5 | 197 |
| 11.5 - 12.4 | - | - | - | 0.1 | 0.1 | 0.2 | 0.1 | 0.1 | - | * | - | - | - | - | - | 0.5 | 38 |
| 12.5 - 13.4 | - | - | - | - | - | - | 0.1 | - | * | - | - | - | - | - | - | 0.1 | 7 |
| 13.5 - 14.4 | - | - | - | - | - | - | - | * | - | - | - | - | - | - | - | 0.0 | 1 |
| TOTAL % | 0.0 | 5.2 | 23.2 | 30.5 | 22.5 | 12.2 | 4.4 | 1.5 | 0.3 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 1 | 403 | 1798 | 2359 | 1742 | 947 | 341 | 113 | 26 | 12 | 4 | 0 | 0 | 0 | 0 | | 7746 |

(* < 0.05%)

STATION: 46029

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

All Months: Annual

| WAVE PERIOD | WAVE HEIGHT | | | | | | | | | | | | | | | TOT % | TOT N |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|---------------|---------------|---------------|-------|-------|-------|
| | 0.0- 0.4 | 0.5- 1.4 | 1.5- 2.4 | 2.5- 3.4 | 3.5- 4.4 | 4.5- 5.4 | 5.5- 6.4 | 6.5- 7.4 | 7.5- 8.4 | 8.5- 9.4 | 9.5- 10.4 | 10.5- 11.4 | 11.5- 12.4 | 12.5- 13.4 | >13.4 | | |
| < 0.5 | 0.3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.3 | 238 |
| 0.5 - 1.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 1.5 - 2.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 2.5 - 3.4 | * | 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.1 | 115 |
| 3.5 - 4.4 | * | 2.7 | 0.8 | - | - | - | - | - | - | - | - | - | - | - | - | 3.5 | 2871 |
| 4.5 - 5.4 | * | 8.6 | 5.5 | 0.4 | * | - | - | - | - | - | - | - | - | - | - | 14.5 | 11766 |
| 5.5 - 6.4 | * | 9.4 | 12.0 | 3.1 | 0.6 | * | - | - | - | - | - | - | - | - | - | 25.2 | 20404 |
| 6.5 - 7.4 | - | 4.9 | 11.0 | 6.0 | 2.5 | 0.6 | * | - | - | - | - | - | - | - | - | 25.0 | 20212 |
| 7.5 - 8.4 | - | 1.2 | 5.6 | 5.3 | 2.9 | 1.4 | 0.5 | 0.1 | * | - | - | - | - | - | - | 17.0 | 13772 |
| 8.5 - 9.4 | * | 0.3 | 2.1 | 2.6 | 2.2 | 1.1 | 0.6 | 0.2 | 0.1 | * | - | - | - | - | - | 9.3 | 7501 |
| 9.5 - 10.4 | - | 0.1 | 0.7 | 1.0 | 0.7 | 0.6 | 0.3 | 0.1 | 0.1 | * | * | - | - | - | - | 3.6 | 2893 |
| 10.5 - 11.4 | - | * | 0.2 | 0.3 | 0.2 | 0.2 | 0.1 | 0.1 | * | * | * | - | - | - | - | 1.2 | 948 |
| 11.5 - 12.4 | - | * | 0.1 | 0.1 | * | * | * | * | * | * | - | - | - | * | - | 0.3 | 238 |
| 12.5 - 13.4 | - | - | * | * | * | * | * | * | * | - | * | - | - | - | - | 0.1 | 44 |
| 13.5 - 14.4 | - | - | * | * | * | * | * | * | - | - | - | - | - | - | - | 0.0 | 6 |
| 14.5 - 15.4 | - | - | - | - | * | - | - | - | - | - | - | - | - | - | - | 0.0 | 1 |
| TOTAL % | 0.3 | 27.4 | 37.9 | 18.9 | 9.2 | 3.9 | 1.6 | 0.5 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 272 | 22182 | 30710 | 15278 | 7470 | 3166 | 1282 | 441 | 134 | 61 | 9 | 3 | 0 | 1 | 0 | | 81009 |

(* < 0.05%)

STATION: 46029

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Months: DEC, JAN, FEB (Winter)

WAVE HEIGHT

| WAVE PERIOD | 0.0- | 0.5- | 1.5- | 2.5- | 3.5- | 4.5- | 5.5- | 6.5- | 7.5- | 8.5- | 9.5- | 10.5- | 11.5- | 12.5- | >13.4 | TOT % | TOT N |
|-------------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| < 0.5 | 0.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.4 | 71 |
| 0.5 - 1.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 1.5 - 2.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 2.5 - 3.4 | - | 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.1 | 12 |
| 3.5 - 4.4 | * | 1.3 | 0.9 | - | - | - | - | - | - | - | - | - | - | - | - | 2.2 | 435 |
| 4.5 - 5.4 | * | 1.4 | 4.4 | 0.8 | * | - | - | - | - | - | - | - | - | - | - | 6.6 | 1277 |
| 5.5 - 6.4 | * | 1.2 | 6.4 | 5.3 | 1.5 | * | - | - | - | - | - | - | - | - | - | 14.4 | 2802 |
| 6.5 - 7.4 | - | 1.0 | 8.0 | 8.4 | 5.4 | 1.6 | 0.1 | - | - | - | - | - | - | - | - | 24.6 | 4775 |
| 7.5 - 8.4 | - | 0.7 | 6.1 | 7.5 | 5.4 | 3.4 | 1.4 | 0.3 | * | - | - | - | - | - | - | 24.8 | 4827 |
| 8.5 - 9.4 | * | 0.2 | 3.1 | 4.3 | 4.4 | 2.7 | 1.3 | 0.5 | 0.2 | 0.1 | - | - | - | - | - | 16.8 | 3262 |
| 9.5 - 10.4 | - | 0.1 | 1.1 | 1.8 | 1.5 | 1.2 | 0.7 | 0.2 | 0.1 | 0.1 | * | - | - | - | - | 6.8 | 1323 |
| 10.5 - 11.4 | - | * | 0.4 | 0.8 | 0.5 | 0.4 | 0.2 | 0.1 | * | * | * | - | - | - | - | 2.4 | 476 |
| 11.5 - 12.4 | - | * | 0.2 | 0.3 | 0.2 | 0.1 | 0.1 | * | - | * | - | - | - | - | - | 0.8 | 162 |
| 12.5 - 13.4 | - | - | * | * | * | * | * | - | * | - | * | - | - | - | - | 0.1 | 22 |
| 13.5 - 14.4 | - | - | * | * | - | - | - | * | - | - | - | - | - | - | - | 0.0 | 3 |
| TOTAL % | 0.4 | 6.0 | 30.6 | 29.2 | 18.8 | 9.5 | 3.7 | 1.2 | 0.3 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 80 | 1159 | 5945 | 5687 | 3662 | 1849 | 729 | 237 | 67 | 27 | 5 | 0 | 0 | 0 | 0 | | 19447 |

(* < 0.05%)

STATION: 46029

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Months: MAR, APR, MAY (Spring)

| WAVE PERIOD | WAVE HEIGHT | | | | | | | | | | | | | | | TOT % | TOT N | |
|-------------|-------------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|------|
| | 0.0- | 0.5- | 1.5- | 2.5- | 3.5- | 4.5- | 5.5- | 6.5- | 7.5- | 8.5- | 9.5- | 10.5- | 11.5- | 12.5- | >13.4 | | | |
| < 0.5 | 1.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1.0 | 166 |
| 0.5 - 1.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 1.5 - 2.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 2.5 - 3.4 | - | 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.1 | 12 |
| 3.5 - 4.4 | - | 1.4 | 0.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | 1.8 | 305 |
| 4.5 - 5.4 | - | 5.5 | 4.8 | 0.5 | * | - | - | - | - | - | - | - | - | - | - | - | 10.7 | 1792 |
| 5.5 - 6.4 | - | 6.9 | 14.0 | 3.7 | 0.6 | * | - | - | - | - | - | - | - | - | - | - | 25.2 | 4193 |
| 6.5 - 7.4 | - | 5.0 | 14.3 | 7.4 | 1.7 | 0.4 | * | - | - | - | - | - | - | - | - | - | 28.8 | 4804 |
| 7.5 - 8.4 | - | 1.4 | 7.1 | 5.5 | 2.6 | 0.7 | 0.3 | * | - | - | - | - | - | - | - | - | 17.7 | 2944 |
| 8.5 - 9.4 | - | 0.4 | 2.8 | 2.8 | 2.0 | 0.9 | 0.4 | 0.1 | * | * | - | - | - | - | - | - | 9.5 | 1579 |
| 9.5 - 10.4 | - | 0.1 | 0.9 | 1.1 | 0.7 | 0.5 | 0.2 | 0.1 | * | * | * | * | - | - | - | - | 3.6 | 604 |
| 10.5 - 11.4 | - | * | 0.2 | 0.4 | 0.2 | 0.2 | 0.1 | 0.1 | * | - | * | * | - | - | - | - | 1.3 | 211 |
| 11.5 - 12.4 | - | - | * | 0.1 | * | * | - | * | - | - | - | - | - | - | * | - | 0.2 | 40 |
| 12.5 - 13.4 | - | - | * | 0.1 | * | - | - | - | - | - | - | - | - | - | - | - | 0.1 | 17 |
| 13.5 - 14.4 | - | - | - | - | * | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 3 |
| 14.5 - 15.4 | - | - | - | - | * | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 1 |
| TOTAL % | 1.0 | 20.6 | 44.5 | 21.7 | 8.0 | 2.8 | 1.0 | 0.3 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | | |
| TOTAL N | 166 | 3437 | 7416 | 3611 | 1336 | 463 | 173 | 48 | 9 | 5 | 3 | 3 | 0 | 1 | 0 | | 16671 | |

(* < 0.05%)

STATION: 46029

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Months: JUN, JUL, AUG (Summer)

| WAVE PERIOD | WAVE HEIGHT | | | | | | | | | | | | | | | TOT % | TOT N | |
|-------------|-------------|-------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|------|
| | 0.0- | 0.5- | 1.5- | 2.5- | 3.5- | 4.5- | 5.5- | 6.5- | 7.5- | 8.5- | 9.5- | 10.5- | 11.5- | 12.5- | >13.4 | | | |
| < 0.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 0.5 - 1.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 1.5 - 2.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 2.5 - 3.4 | - | 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.1 | 27 |
| 3.5 - 4.4 | * | 5.4 | 0.9 | - | - | - | - | - | - | - | - | - | - | - | - | - | 6.4 | 1448 |
| 4.5 - 5.4 | 0.1 | 19.7 | 8.0 | 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | 27.8 | 6331 |
| 5.5 - 6.4 | - | 20.4 | 16.8 | 0.5 | * | - | - | - | - | - | - | - | - | - | - | - | 37.8 | 8582 |
| 6.5 - 7.4 | - | 8.7 | 9.9 | 2.2 | 0.2 | * | - | - | - | - | - | - | - | - | - | - | 21.0 | 4776 |
| 7.5 - 8.4 | - | 1.2 | 3.0 | 1.3 | 0.3 | 0.1 | * | - | - | - | - | - | - | - | - | - | 5.8 | 1327 |
| 8.5 - 9.4 | - | 0.1 | 0.4 | 0.4 | 0.1 | * | * | - | - | - | - | - | - | - | - | - | 0.9 | 214 |
| 9.5 - 10.4 | - | - | * | 0.1 | * | - | - | - | - | - | - | - | - | - | - | - | 0.1 | 28 |
| TOTAL % | 0.1 | 55.7 | 39.1 | 4.5 | 0.6 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | | |
| TOTAL N | 16 | 12652 | 8879 | 1022 | 134 | 22 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 22733 | |

(* < 0.05%)

STATION: 46029

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE WAVE PERIOD(SECONDS)

Months: SEP, OCT, NOV (Autumn)

| WAVE PERIOD | WAVE HEIGHT | | | | | | | | | | | | | | | TOT % | TOT N | |
|-------------|-------------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|----|
| | 0.0- | 0.5- | 1.5- | 2.5- | 3.5- | 4.5- | 5.5- | 6.5- | 7.5- | 8.5- | 9.5- | 10.5- | 11.5- | 12.5- | >13.4 | | | |
| < 0.5 | * | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 1 |
| 0.5 - 1.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 1.5 - 2.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 2.5 - 3.4 | * | 0.3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.3 | 64 |

| | | | | | | | | | | | | | | | | | | |
|-------------|-----|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|------|
| 3.5 - 4.4 | * | 2.2 | 0.8 | - | - | - | - | - | - | - | - | - | - | - | - | - | 3.1 | 683 |
| 4.5 - 5.4 | * | 5.7 | 4.5 | 0.5 | * | - | - | - | - | - | - | - | - | - | - | - | 10.7 | 2366 |
| 5.5 - 6.4 | * | 7.2 | 10.6 | 3.5 | 0.5 | * | - | - | - | - | - | - | - | - | - | - | 21.8 | 4827 |
| 6.5 - 7.4 | - | 4.4 | 12.1 | 6.6 | 2.8 | 0.5 | * | - | - | - | - | - | - | - | - | - | 26.4 | 5857 |
| 7.5 - 8.4 | - | 1.6 | 6.7 | 7.3 | 3.7 | 1.3 | 0.5 | 0.1 | * | - | - | - | - | - | - | - | 21.1 | 4674 |
| 8.5 - 9.4 | - | 0.7 | 2.4 | 3.2 | 2.6 | 1.1 | 0.6 | 0.3 | 0.1 | * | - | - | - | - | - | - | 11.0 | 2446 |
| 9.5 - 10.4 | - | 0.2 | 0.8 | 1.0 | 0.8 | 0.6 | 0.4 | 0.3 | 0.1 | * | * | - | - | - | - | - | 4.2 | 938 |
| 10.5 - 11.4 | - | * | 0.3 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | - | - | - | - | - | - | 1.2 | 261 |
| 11.5 - 12.4 | - | * | * | * | * | * | * | * | * | * | - | - | - | - | - | - | 0.2 | 36 |
| 12.5 - 13.4 | - | - | * | * | * | * | - | * | - | - | - | - | - | - | - | - | 0.0 | 5 |
| TOTAL % | 0.0 | 22.3 | 38.2 | 22.4 | 10.6 | 3.8 | 1.7 | 0.7 | 0.3 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 10 | 4934 | 8470 | 4958 | 2338 | 832 | 372 | 156 | 58 | 29 | 1 | 0 | 0 | 0 | 0 | 0 | 22158 | |

(* < 0.05%)

STATION: 46029

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD(SECONDS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: JAN

| WAVE PERIOD | MEAN WAVE DIRECTION | | | | | | | | | | | | TOT % | TOT N | |
|-------------|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| | 35-01 | 02-04 | 05-07 | 08-10 | 11-13 | 14-16 | 17-19 | 20-22 | 23-25 | 26-28 | 29-31 | 32-34 | | | |
| < 0.5 | 2.2 | - | - | - | - | - | - | - | - | - | - | - | - | 2.2 | 70 |
| 0.5 - 1.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 1.5 - 2.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 2.5 - 3.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 3.5 - 4.4 | - | 0.1 | - | * | - | - | - | - | * | - | - | - | - | 0.1 | 4 |
| 4.5 - 5.4 | - | - | - | 0.2 | 0.1 | * | * | - | - | * | * | * | - | 0.4 | 14 |
| 5.5 - 6.4 | - | - | - | - | - | - | 0.1 | 0.3 | - | * | 0.1 | - | - | 0.4 | 13 |
| 6.5 - 7.4 | - | * | - | - | - | - | 0.1 | 0.7 | 0.4 | - | 0.2 | - | - | 1.3 | 42 |
| 7.5 - 8.4 | * | - | - | - | - | - | 0.4 | 2.2 | 1.2 | 0.4 | 0.5 | * | - | 4.8 | 150 |
| 8.5 - 9.4 | - | - | - | - | - | - | 0.4 | 1.7 | 1.3 | 1.1 | 1.7 | 0.1 | 0.1 | 6.3 | 196 |
| 9.5 - 10.4 | - | - | - | - | - | - | 0.3 | 1.3 | 2.7 | 1.9 | 2.4 | * | - | 8.6 | 268 |
| 10.5 - 11.4 | - | - | - | - | - | - | 0.2 | 2.7 | 5.1 | 6.4 | 4.5 | 0.1 | - | 19.0 | 593 |
| 11.5 - 12.4 | - | - | - | - | - | - | - | 0.3 | 0.9 | 1.6 | 0.6 | - | - | 3.4 | 105 |
| 12.5 - 13.4 | - | - | - | - | - | - | - | 0.7 | 2.3 | 12.3 | 3.8 | - | - | 19.1 | 595 |
| 13.5 - 14.4 | - | - | - | - | - | - | - | - | 1.1 | 14.7 | 4.0 | - | - | 19.9 | 619 |
| 14.5 - 15.4 | - | - | - | - | - | - | - | * | 0.1 | 2.4 | 0.2 | - | - | 2.8 | 86 |
| 15.5 - 16.4 | - | - | - | - | - | - | - | - | * | 1.6 | 0.2 | - | - | 1.8 | 55 |
| 16.5 - 17.4 | - | - | - | - | - | - | - | - | 0.1 | 6.0 | 1.8 | - | - | 7.9 | 245 |
| 17.5 - 18.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 18.5 - 19.4 | - | - | - | * | - | - | - | - | - | 0.5 | 0.1 | - | - | 0.6 | 20 |
| 19.5 - 20.4 | - | - | - | - | - | - | - | - | - | 1.0 | 0.2 | - | - | 1.2 | 38 |
| 20.5 - 21.4 | - | * | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 1 |
| TOTAL % | 2.3 | 0.1 | 0.0 | 0.3 | 0.1 | 0.0 | 1.6 | 9.7 | 15.2 | 50.1 | 20.4 | 0.3 | 100.0 | | |
| TOTAL N | 71 | 4 | 0 | 9 | 2 | 1 | 50 | 302 | 473 | 1560 | 634 | 8 | 3114 | | |

(* < 0.05%)

STATION: 46029

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD(SECONDS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: FEB

| WAVE PERIOD | MEAN WAVE DIRECTION | | | | | | | | | | | | TOT % | TOT N | |
|-------------|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| | 35-01 | 02-04 | 05-07 | 08-10 | 11-13 | 14-16 | 17-19 | 20-22 | 23-25 | 26-28 | 29-31 | 32-34 | | | |
| < 0.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 0.5 - 1.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 1.5 - 2.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 2.5 - 3.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 3.5 - 4.4 | 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | 0.1 | 1 |
| 4.5 - 5.4 | 0.3 | - | - | - | - | - | - | - | - | - | - | - | - | 0.3 | 5 |
| 5.5 - 6.4 | 0.3 | - | - | - | - | 0.1 | 0.1 | 0.3 | - | - | - | 0.2 | - | 0.9 | 17 |
| 6.5 - 7.4 | - | - | - | - | - | - | 0.3 | 0.6 | 0.1 | - | 0.2 | 0.1 | - | 1.1 | 22 |
| 7.5 - 8.4 | - | - | - | - | - | - | 0.6 | 1.2 | 0.3 | 0.2 | 1.8 | 0.3 | - | 4.4 | 85 |
| 8.5 - 9.4 | - | - | - | - | - | - | 0.9 | 1.7 | 0.6 | 0.4 | 0.8 | 0.1 | - | 4.5 | 88 |
| 9.5 - 10.4 | - | - | - | - | - | - | 0.1 | 2.4 | 1.1 | 1.5 | 2.3 | 0.1 | - | 7.4 | 145 |
| 10.5 - 11.4 | - | - | - | - | - | - | 0.4 | 3.1 | 3.0 | 8.0 | 2.6 | - | - | 17.1 | 335 |
| 11.5 - 12.4 | - | - | - | - | - | - | - | - | 0.3 | 3.4 | 0.4 | - | - | 4.0 | 78 |
| 12.5 - 13.4 | - | - | - | - | - | - | 0.3 | 1.6 | 4.0 | 11.3 | 6.8 | - | - | 23.9 | 467 |
| 13.5 - 14.4 | - | - | - | - | - | - | - | 0.7 | 1.8 | 10.8 | 6.1 | - | - | 19.5 | 382 |
| 14.5 - 15.4 | - | - | - | - | - | - | - | - | - | 3.0 | 0.9 | - | - | 3.8 | 75 |
| 15.5 - 16.4 | - | - | - | - | - | - | - | - | - | 2.5 | 0.6 | - | - | 3.0 | 59 |
| 16.5 - 17.4 | - | - | - | - | - | - | - | 0.1 | 0.9 | 3.9 | 2.5 | - | - | 7.3 | 143 |
| 17.5 - 18.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 18.5 - 19.4 | - | - | - | - | - | - | - | - | - | 1.2 | 0.3 | - | - | 1.5 | 29 |
| 19.5 - 20.4 | - | - | - | - | - | - | - | - | 0.2 | 0.6 | 0.3 | - | - | 1.0 | 19 |
| 20.5 - 21.4 | - | - | - | - | - | - | - | - | 0.1 | 0.2 | - | - | - | 0.2 | 4 |
| TOTAL % | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 2.6 | 11.7 | 12.3 | 46.8 | 25.3 | 0.8 | 100.0 | | |
| TOTAL N | 11 | 0 | 0 | 0 | 0 | 1 | 51 | 228 | 240 | 914 | 494 | 15 | 1954 | | |

(* < 0.05%)

STATION: 46029

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD(SECONDS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: MAR

| WAVE PERIOD | MEAN WAVE DIRECTION | | | | | | | | | | | | TOT % | TOT N |
|-------------|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 35-01 | 02-04 | 05-07 | 08-10 | 11-13 | 14-16 | 17-19 | 20-22 | 23-25 | 26-28 | 29-31 | 32-34 | | |
| < 0.5 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 0.5 - 1.4 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 1.5 - 2.4 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 2.5 - 3.4 | - | - | - | * | - | - | - | - | - | - | - | - | 0.0 | 1 |
| 3.5 - 4.4 | - | - | - | - | - | * | - | - | - | - | - | - | 0.0 | 1 |
| 4.5 - 5.4 | - | - | - | - | - | 0.2 | 0.2 | 0.1 | - | - | - | - | 0.6 | 12 |
| 5.5 - 6.4 | - | - | - | - | - | 0.3 | 1.0 | 0.1 | - | - | - | - | 1.4 | 31 |
| 6.5 - 7.4 | - | - | - | - | - | 0.2 | 1.0 | 0.3 | 0.3 | 0.3 | * | - | 2.0 | 44 |
| 7.5 - 8.4 | - | - | - | - | - | 0.2 | 2.4 | 1.6 | 1.3 | 0.4 | 0.1 | - | 6.1 | 131 |
| 8.5 - 9.4 | - | - | - | - | - | 0.2 | 1.6 | 0.9 | 1.4 | 1.8 | 0.1 | - | 6.0 | 129 |
| 9.5 - 10.4 | - | - | - | - | - | 0.5 | 1.8 | 0.6 | 1.9 | 4.4 | 0.1 | - | 9.4 | 204 |
| 10.5 - 11.4 | - | - | - | - | - | * | 1.6 | 2.0 | 8.0 | 7.4 | 0.3 | - | 19.4 | 420 |
| 11.5 - 12.4 | - | - | - | - | - | - | * | 0.3 | 2.2 | 2.1 | - | - | 4.7 | 101 |
| 12.5 - 13.4 | - | - | - | - | - | - | - | 0.9 | 9.6 | 8.2 | - | - | 18.7 | 404 |
| 13.5 - 14.4 | - | - | - | - | - | - | 0.2 | 1.0 | 8.7 | 6.4 | - | - | 16.4 | 355 |
| 14.5 - 15.4 | - | - | - | - | - | - | - | * | 0.8 | 1.6 | - | - | 2.5 | 53 |
| 15.5 - 16.4 | - | - | - | - | - | - | - | - | 0.3 | 0.6 | - | - | 1.0 | 21 |
| 16.5 - 17.4 | - | - | - | - | - | - | 0.1 | 0.1 | 4.0 | 4.7 | - | - | 9.0 | 194 |
| 17.5 - 18.4 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 18.5 - 19.4 | - | - | - | - | - | - | - | - | - | 0.1 | - | - | 0.1 | 2 |
| 19.5 - 20.4 | - | - | - | - | - | - | - | - | 0.8 | 1.6 | - | - | 2.4 | 51 |
| 20.5 - 21.4 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 21.5 - 22.4 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 22.5 - 23.4 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 23.5 - 24.4 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 24.5 - 25.4 | - | - | - | - | - | - | - | - | 0.2 | 0.2 | - | - | 0.4 | 9 |
| TOTAL % | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.6 | 10.1 | 8.2 | 39.6 | 39.8 | 0.7 | 100.0 | |
| TOTAL N | 0 | 0 | 0 | 1 | 0 | 0 | 35 | 218 | 177 | 856 | 861 | 15 | | 2163 |

(* < 0.05%)

STATION: 46029

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD(SECONDS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: APR

| WAVE PERIOD | MEAN WAVE DIRECTION | | | | | | | | | | | | TOT % | TOT N |
|-------------|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 35-01 | 02-04 | 05-07 | 08-10 | 11-13 | 14-16 | 17-19 | 20-22 | 23-25 | 26-28 | 29-31 | 32-34 | | |
| < 0.5 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 0.5 - 1.4 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 1.5 - 2.4 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 2.5 - 3.4 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 3.5 - 4.4 | - | - | 0.1 | 0.1 | * | - | 0.1 | - | - | - | 0.1 | - | 0.5 | 10 |
| 4.5 - 5.4 | - | - | - | - | - | - | 0.2 | - | * | 0.1 | 0.4 | - | 0.8 | 17 |
| 5.5 - 6.4 | - | - | - | - | - | 0.1 | 0.5 | 0.3 | 0.1 | 0.3 | 0.5 | - | 1.9 | 40 |
| 6.5 - 7.4 | - | - | - | - | - | 0.2 | 0.9 | 0.7 | 0.7 | 1.8 | 0.2 | - | 4.4 | 92 |
| 7.5 - 8.4 | - | - | - | - | - | 0.1 | 2.3 | 2.5 | 3.9 | 5.1 | 0.2 | - | 14.2 | 299 |
| 8.5 - 9.4 | - | - | - | - | - | 0.4 | 1.1 | 1.4 | 4.5 | 4.5 | 0.2 | - | 12.1 | 255 |
| 9.5 - 10.4 | - | - | - | - | - | 0.4 | 1.5 | 0.6 | 8.0 | 7.4 | 0.1 | - | 18.0 | 380 |
| 10.5 - 11.4 | - | - | - | - | - | 0.1 | * | 0.1 | 10.8 | 10.2 | 0.8 | - | 22.2 | 468 |
| 11.5 - 12.4 | - | - | - | - | - | - | - | - | 2.8 | 1.2 | - | - | 4.1 | 86 |
| 12.5 - 13.4 | - | - | - | - | - | - | - | - | 3.9 | 7.3 | 0.4 | - | 11.6 | 245 |
| 13.5 - 14.4 | - | - | - | - | - | * | 1.0 | 0.5 | 0.9 | 4.8 | - | - | 7.4 | 156 |
| 14.5 - 15.4 | - | - | - | - | - | - | - | - | 0.2 | 0.1 | - | - | 0.3 | 7 |
| 15.5 - 16.4 | - | - | - | - | - | - | - | - | 0.3 | - | - | - | 0.3 | 7 |
| 16.5 - 17.4 | - | - | - | - | - | - | - | - | 0.1 | 1.8 | - | - | 1.9 | 40 |
| 17.5 - 18.4 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 18.5 - 19.4 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 19.5 - 20.4 | - | - | - | - | - | * | - | - | - | 0.3 | - | - | 0.3 | 7 |
| TOTAL % | 0.0 | 0.0 | 0.1 | 0.1 | 0.0 | 0.0 | 1.5 | 7.7 | 6.1 | 36.4 | 45.1 | 3.0 | 100.0 | |
| TOTAL N | 0 | 0 | 2 | 2 | 1 | 0 | 31 | 162 | 129 | 767 | 952 | 63 | | 2109 |

(* < 0.05%)

STATION: 46029

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD(SECONDS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: MAY

| WAVE PERIOD | MEAN WAVE DIRECTION | | | | | | | | | | | | TOT % | TOT N |
|-------------|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 35-01 | 02-04 | 05-07 | 08-10 | 11-13 | 14-16 | 17-19 | 20-22 | 23-25 | 26-28 | 29-31 | 32-34 | | |
| < 0.5 | 4.1 | - | - | - | - | - | - | - | - | - | - | - | 4.1 | 166 |
| 0.5 - 1.4 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 1.5 - 2.4 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 2.5 - 3.4 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 3.5 - 4.4 | 0.1 | - | - | - | - | - | 0.1 | 0.1 | - | * | * | - | 0.4 | 16 |
| 4.5 - 5.4 | 0.6 | - | - | - | - | * | 0.4 | 0.3 | - | * | 0.3 | 0.6 | 2.3 | 94 |
| 5.5 - 6.4 | - | - | - | - | - | * | 0.2 | 0.7 | 0.1 | 0.2 | 1.3 | 0.7 | 3.2 | 129 |

| | | | | | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----|-------|------|
| 6.5 - 7.4 | * | - | - | - | - | * | 0.4 | 0.9 | 0.3 | 1.1 | 3.0 | 1.3 | 7.1 | 286 |
| 7.5 - 8.4 | - | - | - | - | - | * | 0.4 | 0.7 | 1.2 | 4.3 | 8.1 | 1.8 | 16.6 | 664 |
| 8.5 - 9.4 | - | - | - | - | - | - | 0.3 | 0.9 | 1.6 | 6.0 | 6.1 | 1.7 | 16.6 | 666 |
| 9.5 - 10.4 | - | - | - | - | - | - | 0.1 | 0.2 | 1.3 | 7.1 | 7.2 | 0.8 | 16.8 | 672 |
| 10.5 - 11.4 | - | - | - | - | - | - | * | * | 0.7 | 5.3 | 7.8 | 0.2 | 14.1 | 563 |
| 11.5 - 12.4 | - | - | - | - | - | - | - | - | 0.1 | 0.8 | 0.2 | - | 1.2 | 47 |
| 12.5 - 13.4 | - | - | - | - | - | - | * | 0.2 | 0.5 | 2.6 | 4.0 | - | 7.4 | 298 |
| 13.5 - 14.4 | - | - | - | - | - | - | - | 0.5 | 0.6 | 1.4 | 2.3 | - | 4.9 | 195 |
| 14.5 - 15.4 | - | - | - | - | - | - | - | 0.1 | 0.2 | 0.1 | 0.3 | - | 0.7 | 29 |
| 15.5 - 16.4 | - | * | - | - | - | - | - | 0.6 | 0.7 | 0.1 | * | - | 1.5 | 60 |
| 16.5 - 17.4 | - | - | - | - | * | * | 0.1 | 1.1 | 0.6 | 0.3 | 0.2 | * | 2.5 | 99 |
| 17.5 - 18.4 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 18.5 - 19.4 | - | - | - | - | - | - | - | - | * | - | - | - | 0.0 | 1 |
| 19.5 - 20.4 | - | - | - | - | * | * | * | 0.2 | 0.1 | - | - | - | 0.4 | 16 |
| TOTAL % | 4.9 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 2.1 | 6.5 | 8.3 | 29.5 | 41.2 | 7.1 | 100.0 | |
| TOTAL N | 198 | 1 | 0 | 0 | 3 | 6 | 84 | 262 | 333 | 1179 | 1649 | 286 | | 4001 |

(* < 0.05%)

STATION: 46029

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD(SECONDS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: JUN

| WAVE PERIOD | MEAN WAVE DIRECTION | | | | | | | | | | | | TOT % | TOT N |
|-------------|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 35-01 | 02-04 | 05-07 | 08-10 | 11-13 | 14-16 | 17-19 | 20-22 | 23-25 | 26-28 | 29-31 | 32-34 | | |
| < 0.5 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 0.5 - 1.4 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 1.5 - 2.4 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 2.5 - 3.4 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 3.5 - 4.4 | 0.1 | - | - | - | - | - | * | 0.1 | * | - | * | 0.5 | 0.9 | 37 |
| 4.5 - 5.4 | * | - | - | - | - | * | 0.2 | 0.3 | 0.3 | 0.5 | 0.5 | 1.6 | 3.5 | 143 |
| 5.5 - 6.4 | - | - | - | - | * | 0.1 | 0.2 | 0.4 | 0.4 | 0.6 | 1.8 | 2.5 | 6.0 | 246 |
| 6.5 - 7.4 | - | - | - | - | - | - | 0.1 | 0.7 | 0.7 | 2.1 | 4.2 | 1.8 | 9.6 | 396 |
| 7.5 - 8.4 | - | - | - | - | - | - | * | 0.6 | 1.5 | 7.0 | 10.7 | 2.5 | 22.4 | 922 |
| 8.5 - 9.4 | - | - | - | - | - | - | 0.3 | 0.2 | 0.4 | 6.2 | 6.9 | 1.5 | 15.6 | 641 |
| 9.5 - 10.4 | - | - | - | - | - | - | 0.3 | * | 0.3 | 7.7 | 6.9 | 0.6 | 15.8 | 652 |
| 10.5 - 11.4 | - | - | - | - | - | - | * | * | 0.5 | 5.7 | 3.7 | 0.1 | 10.1 | 414 |
| 11.5 - 12.4 | - | - | - | - | - | - | - | - | - | 0.6 | 0.2 | - | 0.9 | 35 |
| 12.5 - 13.4 | * | - | - | - | - | - | - | 0.1 | * | 3.0 | 1.6 | 0.2 | 4.9 | 203 |
| 13.5 - 14.4 | - | - | - | - | - | - | 0.1 | 1.3 | 0.6 | 1.8 | 0.4 | - | 4.2 | 171 |
| 14.5 - 15.4 | - | - | - | - | - | - | - | 0.1 | 0.3 | 0.2 | 0.1 | - | 0.7 | 29 |
| 15.5 - 16.4 | - | - | - | - | - | - | - | 0.2 | 0.4 | 0.3 | * | - | 1.0 | 40 |
| 16.5 - 17.4 | - | - | - | - | - | * | 0.2 | 2.8 | 0.9 | 0.3 | 0.1 | - | 4.3 | 177 |
| 17.5 - 18.4 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 18.5 - 19.4 | - | - | - | - | - | - | - | * | 0.1 | - | - | - | 0.1 | 5 |
| 19.5 - 20.4 | - | - | - | - | - | - | - | * | - | - | * | - | 0.1 | 3 |
| TOTAL % | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 1.6 | 7.0 | 6.6 | 36.0 | 37.0 | 11.3 | 100.0 | |
| TOTAL N | 9 | 0 | 0 | 0 | 1 | 8 | 67 | 290 | 272 | 1479 | 1523 | 465 | | 4114 |

(* < 0.05%)

STATION: 46029

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD(SECONDS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: JUL

| WAVE PERIOD | MEAN WAVE DIRECTION | | | | | | | | | | | | TOT % | TOT N |
|-------------|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 35-01 | 02-04 | 05-07 | 08-10 | 11-13 | 14-16 | 17-19 | 20-22 | 23-25 | 26-28 | 29-31 | 32-34 | | |
| < 0.5 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 0.5 - 1.4 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 1.5 - 2.4 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 2.5 - 3.4 | 0.1 | - | - | - | - | - | - | - | - | - | - | - | 0.1 | 3 |
| 3.5 - 4.4 | 0.5 | - | - | - | - | - | 0.1 | 0.1 | - | - | * | 0.4 | 1.1 | 41 |
| 4.5 - 5.4 | 0.3 | - | - | - | - | - | 0.1 | * | 0.2 | 0.3 | 0.6 | 2.3 | 3.8 | 143 |
| 5.5 - 6.4 | 0.1 | - | - | - | - | - | 0.1 | 0.1 | 0.1 | 0.9 | 3.6 | 2.0 | 6.9 | 257 |
| 6.5 - 7.4 | - | - | - | - | - | - | 0.1 | * | 0.2 | 2.3 | 9.8 | 3.4 | 15.8 | 593 |
| 7.5 - 8.4 | 0.1 | - | - | - | - | - | - | 0.2 | 1.2 | 6.0 | 22.3 | 7.4 | 37.2 | 1393 |
| 8.5 - 9.4 | - | - | - | - | - | - | - | - | 0.5 | 4.1 | 6.2 | 2.8 | 13.6 | 511 |
| 9.5 - 10.4 | * | - | - | - | - | - | - | - | 0.2 | 1.7 | 4.6 | 1.5 | 8.1 | 304 |
| 10.5 - 11.4 | - | - | - | - | - | - | - | - | - | 1.1 | 1.9 | 0.2 | 3.2 | 120 |
| 11.5 - 12.4 | - | - | - | - | - | - | - | - | - | 0.1 | * | - | 0.1 | 3 |
| 12.5 - 13.4 | - | - | - | - | - | - | - | - | * | 0.3 | 0.3 | - | 0.6 | 22 |
| 13.5 - 14.4 | - | - | - | - | - | - | * | 1.7 | 0.9 | 0.4 | 0.2 | - | 3.2 | 120 |
| 14.5 - 15.4 | - | - | - | - | - | - | - | 0.7 | 0.4 | - | - | - | 1.1 | 41 |
| 15.5 - 16.4 | - | - | - | - | - | - | - | 0.8 | 0.5 | - | - | - | 1.3 | 49 |
| 16.5 - 17.4 | - | - | - | - | - | - | 0.1 | 2.8 | 0.6 | * | - | - | 3.5 | 130 |
| 17.5 - 18.4 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 18.5 - 19.4 | - | - | - | - | - | - | - | * | 0.1 | - | - | - | 0.1 | 5 |
| 19.5 - 20.4 | - | - | - | - | - | - | - | 0.1 | 0.1 | - | - | - | 0.1 | 5 |
| 20.5 - 21.4 | - | - | - | - | - | - | - | * | 0.1 | - | - | - | 0.1 | 5 |
| TOTAL % | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.6 | 6.6 | 5.0 | 17.2 | 49.6 | 20.0 | 100.0 | |
| TOTAL N | 37 | 0 | 0 | 0 | 0 | 0 | 21 | 247 | 189 | 644 | 1859 | 748 | | 3745 |

| | | | | | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-------|-----|-----|------|------|-----|-------|------|
| 2.5 - 3.4 | - | - | * | - | - | - | - | - | - | - | - | - | 0.0 | 1 |
| 3.5 - 4.4 | 0.3 | 0.1 | 0.2 | * | - | - | 0.1 | - | - | - | - | * | 0.8 | 34 |
| 4.5 - 5.4 | 0.1 | - | - | - | - | - | * 0.3 | 0.1 | - | * | * | 0.1 | 0.7 | 32 |
| 5.5 - 6.4 | - | - | - | - | - | - | * 0.4 | 0.6 | * | 0.2 | 0.2 | 0.2 | 1.7 | 75 |
| 6.5 - 7.4 | - | - | - | - | - | - | 0.3 | 0.8 | 0.3 | 0.2 | 1.1 | 0.6 | 3.4 | 145 |
| 7.5 - 8.4 | - | - | - | - | - | - | 0.1 | 1.5 | 0.9 | 2.0 | 2.8 | 1.1 | 8.4 | 362 |
| 8.5 - 9.4 | - | - | - | - | - | - | 0.1 | 0.8 | 1.3 | 3.5 | 4.5 | 0.7 | 11.0 | 470 |
| 9.5 - 10.4 | - | - | - | - | - | - | 0.2 | 0.7 | 1.3 | 6.2 | 7.6 | 0.7 | 16.7 | 715 |
| 10.5 - 11.4 | * | - | - | - | - | - | * | 0.6 | 0.7 | 7.6 | 13.4 | 0.4 | 22.7 | 973 |
| 11.5 - 12.4 | - | - | - | - | - | - | - | - | * | 0.5 | 0.3 | 0.1 | 1.0 | 44 |
| 12.5 - 13.4 | * | - | - | - | - | - | - | * | 0.1 | 7.5 | 11.7 | 0.1 | 19.5 | 838 |
| 13.5 - 14.4 | - | - | - | - | * | - | * | 0.4 | 3.1 | 4.5 | 0.1 | - | 8.3 | 358 |
| 14.5 - 15.4 | - | - | - | - | - | - | - | - | * | 0.6 | 0.2 | - | 0.9 | 38 |
| 15.5 - 16.4 | - | - | - | - | - | - | - | * | * | 0.6 | 0.2 | - | 0.8 | 35 |
| 16.5 - 17.4 | - | - | - | * | 0.2 | * | 0.1 | 0.4 | 0.3 | 0.7 | 1.4 | - | 3.1 | 135 |
| 17.5 - 18.4 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 18.5 - 19.4 | - | - | - | - | - | - | - | * | - | 0.1 | * | - | 0.2 | 7 |
| 19.5 - 20.4 | - | - | - | - | - | - | * | 0.1 | - | 0.2 | 0.3 | - | 0.7 | 29 |
| TOTAL % | 0.5 | 0.1 | 0.2 | 0.1 | 0.2 | 0.1 | 1.9 | 5.8 | 5.3 | 33.2 | 48.4 | 4.2 | 100.0 | |
| TOTAL N | 20 | 3 | 9 | 3 | 8 | 5 | 80 | 250 | 229 | 1425 | 2077 | 182 | | 4291 |

(* < 0.05%)

STATION: 46029

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD(SECONDS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: NOV

| WAVE PERIOD | MEAN WAVE DIRECTION | | | | | | | | | | | | TOT % | TOT N |
|-------------|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 35-01 | 02-04 | 05-07 | 08-10 | 11-13 | 14-16 | 17-19 | 20-22 | 23-25 | 26-28 | 29-31 | 32-34 | | |
| < 0.5 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 0.5 - 1.4 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 1.5 - 2.4 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 2.5 - 3.4 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 3.5 - 4.4 | - | - | - | 0.1 | 0.1 | 0.1 | - | - | - | - | - | - | 0.3 | 9 |
| 4.5 - 5.4 | - | - | - | - | 0.1 | - | 0.2 | * | - | - | - | - | 0.3 | 10 |
| 5.5 - 6.4 | - | - | - | - | - | - | 0.7 | 0.2 | 0.1 | * | - | - | 1.0 | 34 |
| 6.5 - 7.4 | - | - | - | - | - | - | 0.3 | 1.0 | 0.2 | 0.1 | 0.1 | 0.1 | 1.7 | 59 |
| 7.5 - 8.4 | - | - | - | - | - | - | 0.8 | 2.5 | 0.9 | 0.6 | 0.5 | 0.2 | 5.6 | 188 |
| 8.5 - 9.4 | - | - | - | - | - | - | 0.3 | 2.3 | 1.7 | 2.0 | 0.6 | - | 6.9 | 233 |
| 9.5 - 10.4 | - | - | - | - | - | - | 0.2 | 3.5 | 3.5 | 5.2 | 2.4 | 0.1 | 15.0 | 505 |
| 10.5 - 11.4 | - | - | - | - | - | - | 0.3 | 2.5 | 4.7 | 10.0 | 5.1 | 0.1 | 22.7 | 766 |
| 11.5 - 12.4 | - | - | - | - | - | - | - | 0.1 | 0.6 | 0.9 | 0.9 | - | 2.5 | 86 |
| 12.5 - 13.4 | - | * | - | - | - | - | 0.3 | 1.2 | 2.5 | 9.8 | 5.9 | 0.1 | 19.8 | 667 |
| 13.5 - 14.4 | - | - | - | - | - | - | 0.1 | 0.3 | 1.0 | 8.0 | 5.2 | 0.1 | 14.7 | 495 |
| 14.5 - 15.4 | - | - | - | - | - | - | - | 0.1 | 0.1 | 1.5 | 0.7 | - | 2.4 | 82 |
| 15.5 - 16.4 | - | - | - | - | - | - | - | - | * | 0.8 | 0.7 | - | 1.5 | 50 |
| 16.5 - 17.4 | - | - | - | - | - | - | - | * | 0.2 | 2.9 | 1.7 | * | 4.9 | 166 |
| 17.5 - 18.4 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 18.5 - 19.4 | - | - | - | - | - | - | - | - | * | 0.1 | 0.1 | - | 0.2 | 6 |
| 19.5 - 20.4 | - | - | - | - | - | - | - | - | - | 0.4 | 0.1 | - | 0.6 | 19 |
| TOTAL % | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 | 0.1 | 3.3 | 13.7 | 15.6 | 42.3 | 24.1 | 0.6 | 100.0 | |
| TOTAL N | 0 | 1 | 0 | 3 | 6 | 2 | 112 | 464 | 526 | 1426 | 814 | 21 | | 3375 |

(* < 0.05%)

STATION: 46029

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD(SECONDS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: DEC

| WAVE PERIOD | MEAN WAVE DIRECTION | | | | | | | | | | | | TOT % | TOT N |
|-------------|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 35-01 | 02-04 | 05-07 | 08-10 | 11-13 | 14-16 | 17-19 | 20-22 | 23-25 | 26-28 | 29-31 | 32-34 | | |
| < 0.5 | * | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 1 |
| 0.5 - 1.4 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 1.5 - 2.4 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 2.5 - 3.4 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 3.5 - 4.4 | - | - | - | * | 0.2 | - | - | - | - | - | - | - | 0.2 | 7 |
| 4.5 - 5.4 | - | - | 0.1 | 0.1 | 0.1 | - | 0.2 | * | - | - | - | - | 0.5 | 16 |
| 5.5 - 6.4 | - | - | - | - | - | - | 0.2 | 0.1 | 0.1 | - | - | - | 0.4 | 12 |
| 6.5 - 7.4 | - | - | - | - | - | - | 0.2 | 0.2 | 0.1 | - | - | - | 0.5 | 17 |
| 7.5 - 8.4 | * | * | - | - | - | - | 0.3 | 1.0 | 0.4 | 0.1 | 0.1 | 0.2 | 2.2 | 75 |
| 8.5 - 9.4 | * | - | - | - | - | - | 0.2 | 1.6 | 0.6 | 0.4 | 0.4 | * | 3.1 | 105 |
| 9.5 - 10.4 | * | * | - | - | - | - | 0.3 | 2.2 | 1.5 | 2.6 | 0.7 | 0.4 | 7.6 | 255 |
| 10.5 - 11.4 | - | - | - | - | - | - | 0.1 | 2.5 | 3.3 | 8.1 | 2.9 | 0.5 | 17.3 | 577 |
| 11.5 - 12.4 | - | - | - | - | - | - | - | 0.4 | 0.1 | 1.8 | 1.1 | - | 3.4 | 113 |
| 12.5 - 13.4 | 0.2 | - | - | - | * | 0.1 | 0.2 | 1.9 | 4.1 | 14.8 | 6.5 | 0.4 | 28.2 | 940 |
| 13.5 - 14.4 | - | - | 0.1 | - | * | 0.1 | 0.1 | 0.6 | 1.8 | 13.8 | 5.9 | 0.1 | 22.4 | 746 |
| 14.5 - 15.4 | - | - | - | - | - | - | - | 0.3 | 0.1 | 1.5 | 0.6 | - | 2.5 | 82 |
| 15.5 - 16.4 | - | - | - | - | - | - | - | - | - | 1.0 | 0.5 | - | 1.4 | 48 |
| 16.5 - 17.4 | - | - | - | 0.1 | - | - | - | - | 0.4 | 4.3 | 3.1 | - | 7.8 | 259 |
| 17.5 - 18.4 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 18.5 - 19.4 | - | - | - | - | - | - | - | - | - | 0.1 | 0.1 | - | 0.3 | 10 |
| 19.5 - 20.4 | - | - | - | - | - | - | - | - | * | 1.3 | 0.5 | - | 1.9 | 63 |

| | | | | | | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|-----|-------|-----|------|
| 20.5 - 21.4 | - | - | - | - | - | - | - | - | - | - | 0.1 | * | - | 0.2 | 6 |
| 21.5 - 22.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 22.5 - 23.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 23.5 - 24.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 24.5 - 25.4 | - | - | - | - | - | - | - | - | - | - | 0.1 | - | - | 0.1 | 2 |
| TOTAL % | 0.3 | 0.1 | 0.1 | 0.1 | 0.4 | 0.1 | 1.8 | 10.7 | 12.4 | 50.0 | 22.5 | 1.5 | 100.0 | | |
| TOTAL N | 10 | 2 | 4 | 5 | 12 | 5 | 61 | 356 | 412 | 1668 | 749 | 50 | | | 3334 |

(* < 0.05%)

STATION: 46029

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD(SECONDS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

All Months: Annual

| WAVE PERIOD | MEAN WAVE DIRECTION | | | | | | | | | | | | TOT % | TOT N | |
|-------------|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 35-01 | 02-04 | 05-07 | 08-10 | 11-13 | 14-16 | 17-19 | 20-22 | 23-25 | 26-28 | 29-31 | 32-34 | | | |
| < 0.5 | 0.6 | - | - | - | - | - | - | - | - | - | - | - | - | 0.6 | 238 |
| 0.5 - 1.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 1.5 - 2.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 2.5 - 3.4 | * | - | * | * | - | - | - | - | - | - | - | - | - | 0.0 | 5 |
| 3.5 - 4.4 | 0.1 | * | * | * | * | * | 0.1 | * | * | * | * | 0.1 | 0.5 | 198 | |
| 4.5 - 5.4 | 0.2 | - | * | * | * | * | 0.2 | 0.2 | 0.1 | 0.1 | 0.2 | 0.6 | 1.7 | 680 | |
| 5.5 - 6.4 | 0.1 | - | - | - | * | * | 0.2 | 0.4 | 0.2 | 0.3 | 1.2 | 0.9 | 3.3 | 1364 | |
| 6.5 - 7.4 | * | * | - | - | - | * | 0.2 | 0.6 | 0.3 | 1.1 | 3.0 | 1.1 | 6.4 | 2624 | |
| 7.5 - 8.4 | * | * | - | - | - | * | 0.3 | 1.2 | 1.1 | 3.2 | 7.7 | 1.8 | 15.3 | 6245 | |
| 8.5 - 9.4 | * | - | - | - | - | - | 0.2 | 0.9 | 0.9 | 3.3 | 4.9 | 0.8 | 11.0 | 4511 | |
| 9.5 - 10.4 | * | * | - | - | - | - | 0.2 | 1.0 | 1.2 | 4.5 | 5.6 | 0.5 | 12.9 | 5261 | |
| 10.5 - 11.4 | * | - | - | - | - | - | 0.1 | 1.0 | 1.5 | 6.0 | 6.1 | 0.2 | 14.8 | 6074 | |
| 11.5 - 12.4 | - | - | - | - | - | - | * | 0.1 | 0.2 | 1.0 | 0.5 | * | 1.9 | 766 | |
| 12.5 - 13.4 | * | * | - | - | * | * | 0.1 | 0.4 | 1.1 | 6.2 | 4.9 | 0.1 | 12.8 | 5244 | |
| 13.5 - 14.4 | * | - | * | - | * | * | 0.1 | 0.7 | 0.9 | 5.0 | 3.3 | * | 10.1 | 4138 | |
| 14.5 - 15.4 | - | - | - | * | - | - | * | 0.1 | 0.2 | 0.9 | 0.4 | * | 1.6 | 640 | |
| 15.5 - 16.4 | - | * | - | - | - | - | - | 0.2 | 0.2 | 0.6 | 0.2 | - | 1.2 | 492 | |
| 16.5 - 17.4 | - | - | - | * | * | * | 0.1 | 1.1 | 0.5 | 1.8 | 1.3 | * | 4.9 | 1988 | |
| 17.5 - 18.4 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 | |
| 18.5 - 19.4 | - | - | - | * | - | - | - | * | 0.1 | 0.1 | 0.1 | - | 0.3 | 113 | |
| 19.5 - 20.4 | - | - | - | * | * | * | * | 0.1 | 0.1 | 0.3 | 0.2 | - | 0.8 | 317 | |
| 20.5 - 21.4 | - | * | - | - | - | - | - | * | * | * | * | - | 0.1 | 28 | |
| 21.5 - 22.4 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 | |
| 22.5 - 23.4 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 | |
| 23.5 - 24.4 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 | |
| 24.5 - 25.4 | - | - | - | - | * | - | - | - | - | * | * | - | 0.0 | 13 | |
| TOTAL % | 1.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 1.7 | 8.0 | 8.5 | 34.5 | 39.6 | 6.3 | 100.0 | | |
| TOTAL N | 416 | 11 | 16 | 26 | 40 | 43 | 691 | 3293 | 3494 | 14135 | 16215 | 2559 | | | 40939 |

(* < 0.05%)

STATION: 46029

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD(SECONDS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Months: DEC, JAN, FEB (Winter)

| WAVE PERIOD | MEAN WAVE DIRECTION | | | | | | | | | | | | TOT % | TOT N | |
|-------------|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| | 35-01 | 02-04 | 05-07 | 08-10 | 11-13 | 14-16 | 17-19 | 20-22 | 23-25 | 26-28 | 29-31 | 32-34 | | | |
| < 0.5 | 0.8 | - | - | - | - | - | - | - | - | - | - | - | - | 0.8 | 71 |
| 0.5 - 1.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 1.5 - 2.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 2.5 - 3.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 3.5 - 4.4 | * | * | - | * | 0.1 | - | - | - | * | - | - | - | - | 0.1 | 12 |
| 4.5 - 5.4 | 0.1 | - | * | 0.1 | 0.1 | * | 0.1 | * | - | * | * | * | 0.4 | 35 | |
| 5.5 - 6.4 | 0.1 | - | - | - | - | * | 0.1 | 0.2 | * | * | * | * | 0.5 | 42 | |
| 6.5 - 7.4 | - | * | - | - | - | - | 0.2 | 0.5 | 0.2 | - | 0.1 | * | 1.0 | 81 | |
| 7.5 - 8.4 | * | * | - | - | - | - | 0.4 | 1.5 | 0.7 | 0.2 | 0.7 | 0.2 | 3.7 | 310 | |
| 8.5 - 9.4 | * | - | - | - | - | - | 0.5 | 1.7 | 0.9 | 0.6 | 1.0 | 0.1 | 4.6 | 389 | |
| 9.5 - 10.4 | * | * | - | - | - | - | 0.2 | 1.9 | 1.8 | 2.1 | 1.7 | 0.2 | 8.0 | 668 | |
| 10.5 - 11.4 | - | - | - | - | - | - | 0.2 | 2.7 | 3.9 | 7.5 | 3.4 | 0.2 | 17.9 | 1505 | |
| 11.5 - 12.4 | - | - | - | - | - | - | - | 0.2 | 0.4 | 2.1 | 0.8 | - | 3.5 | 296 | |
| 12.5 - 13.4 | 0.1 | - | - | - | * | * | 0.1 | 1.4 | 3.4 | 13.1 | 5.5 | 0.1 | 23.8 | 2002 | |
| 13.5 - 14.4 | - | - | * | - | * | * | * | 0.4 | 1.5 | 13.5 | 5.3 | * | 20.8 | 1747 | |
| 14.5 - 15.4 | - | - | - | - | - | - | - | 0.1 | * | 2.2 | 0.5 | - | 2.9 | 243 | |
| 15.5 - 16.4 | - | - | - | - | - | - | - | - | * | 1.5 | 0.4 | - | 1.9 | 162 | |
| 16.5 - 17.4 | - | - | - | * | - | - | - | * | 0.4 | 4.8 | 2.4 | - | 7.7 | 647 | |
| 17.5 - 18.4 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 | |
| 18.5 - 19.4 | - | - | - | * | - | - | - | - | - | 0.5 | 0.2 | - | 0.7 | 59 | |
| 19.5 - 20.4 | - | - | - | - | - | - | - | - | * | 1.0 | 0.4 | - | 1.4 | 120 | |
| 20.5 - 21.4 | - | * | - | - | - | - | - | - | * | 0.1 | * | - | 0.1 | 11 | |
| 21.5 - 22.4 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 | |
| 22.5 - 23.4 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 | |
| 23.5 - 24.4 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 | |
| 24.5 - 25.4 | - | - | - | - | - | - | - | - | - | * | - | - | 0.0 | 2 | |
| TOTAL % | 1.1 | 0.1 | 0.0 | 0.2 | 0.2 | 0.1 | 1.9 | 10.5 | 13.4 | 49.3 | 22.3 | 0.9 | 100.0 | | |
| TOTAL N | 92 | 6 | 4 | 14 | 14 | 7 | 162 | 886 | 1125 | 4142 | 1877 | 73 | | | 8402 |

(* < 0.05%)

STATION: 46029

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD(SECONDS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Months: MAR, APR, MAY (Spring)

| WAVE PERIOD | MEAN WAVE DIRECTION | | | | | | | | | | | | TOT % | TOT N | |
|-------------|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| | 35-01 | 02-04 | 05-07 | 08-10 | 11-13 | 14-16 | 17-19 | 20-22 | 23-25 | 26-28 | 29-31 | 32-34 | | | |
| < 0.5 | 2.0 | - | - | - | - | - | - | - | - | - | - | - | - | 2.0 | 166 |
| 0.5 - 1.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 1.5 - 2.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 2.5 - 3.4 | - | - | - | * | - | - | - | - | - | - | - | - | - | 0.0 | 1 |
| 3.5 - 4.4 | * | - | * | * | * | - | 0.1 | 0.1 | - | * | * | * | - | 0.3 | 27 |
| 4.5 - 5.4 | 0.3 | - | - | - | - | * | 0.3 | 0.3 | * | * | 0.2 | 0.4 | - | 1.5 | 123 |
| 5.5 - 6.4 | - | - | - | - | - | * | 0.2 | 0.7 | 0.2 | 0.1 | 0.7 | 0.5 | - | 2.4 | 200 |
| 6.5 - 7.4 | * | - | - | - | - | * | 0.3 | 0.9 | 0.4 | 0.8 | 2.0 | 0.7 | - | 5.1 | 422 |
| 7.5 - 8.4 | - | - | - | - | - | * | 0.3 | 1.5 | 1.7 | 3.4 | 5.3 | 0.9 | - | 13.2 | 1094 |
| 8.5 - 9.4 | - | - | - | - | - | - | 0.3 | 1.1 | 1.4 | 4.4 | 4.6 | 0.9 | - | 12.7 | 1050 |
| 9.5 - 10.4 | - | - | - | - | - | - | 0.3 | 1.0 | 1.0 | 6.0 | 6.6 | 0.5 | - | 15.2 | 1256 |
| 10.5 - 11.4 | - | - | - | - | - | - | 0.1 | 0.4 | 0.9 | 7.4 | 8.4 | 0.4 | - | 17.5 | 1451 |
| 11.5 - 12.4 | - | - | - | - | - | - | - | * | 0.1 | 1.7 | 1.0 | - | - | 2.8 | 234 |
| 12.5 - 13.4 | - | - | - | - | - | - | * | 0.1 | 0.5 | 4.8 | 5.9 | 0.1 | - | 11.4 | 947 |
| 13.5 - 14.4 | - | - | - | - | - | - | * | 0.6 | 0.7 | 3.2 | 4.0 | - | - | 8.5 | 706 |
| 14.5 - 15.4 | - | - | - | - | - | - | - | 0.1 | 0.1 | 0.3 | 0.6 | - | - | 1.1 | 89 |
| 15.5 - 16.4 | - | * | - | - | - | - | - | 0.3 | 0.3 | 0.2 | 0.2 | - | - | 1.1 | 88 |
| 16.5 - 17.4 | - | - | - | - | * | * | * | 0.6 | 0.3 | 1.2 | 1.8 | * | - | 4.0 | 333 |
| 17.5 - 18.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 18.5 - 19.4 | - | - | - | - | - | - | - | - | * | - | * | - | - | 0.0 | 3 |
| 19.5 - 20.4 | - | - | - | - | * | * | * | 0.1 | 0.1 | 0.2 | 0.5 | - | - | 0.9 | 74 |
| 20.5 - 21.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 21.5 - 22.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 22.5 - 23.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 23.5 - 24.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 24.5 - 25.4 | - | - | - | - | - | - | - | - | - | * | 0.1 | - | - | 0.1 | 9 |
| TOTAL % | 2.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 1.8 | 7.8 | 7.7 | 33.9 | 41.8 | 4.4 | 100.0 | | |
| TOTAL N | 198 | 1 | 2 | 3 | 4 | 6 | 150 | 642 | 639 | 2802 | 3462 | 364 | | 8273 | |

(* < 0.05%)

STATION: 46029

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD(SECONDS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Months: JUN, JUL, AUG (Summer)

| WAVE PERIOD | MEAN WAVE DIRECTION | | | | | | | | | | | | TOT % | TOT N | |
|-------------|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| | 35-01 | 02-04 | 05-07 | 08-10 | 11-13 | 14-16 | 17-19 | 20-22 | 23-25 | 26-28 | 29-31 | 32-34 | | | |
| < 0.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 0.5 - 1.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 1.5 - 2.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 2.5 - 3.4 | * | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 3 |
| 3.5 - 4.4 | 0.3 | - | - | - | - | * | 0.1 | 0.1 | * | * | * | 0.4 | - | 0.9 | 111 |
| 4.5 - 5.4 | 0.3 | - | - | - | - | 0.1 | 0.1 | 0.3 | 0.2 | 0.3 | 0.5 | 1.7 | - | 3.5 | 428 |
| 5.5 - 6.4 | 0.1 | - | - | - | * | * | 0.2 | 0.4 | 0.3 | 0.8 | 3.1 | 2.5 | - | 7.4 | 908 |
| 6.5 - 7.4 | - | - | - | - | - | - | 0.1 | 0.5 | 0.5 | 2.6 | 7.0 | 2.7 | - | 13.3 | 1640 |
| 7.5 - 8.4 | * | - | - | - | - | - | * | 0.5 | 1.2 | 6.0 | 17.0 | 4.4 | - | 29.1 | 3585 |
| 8.5 - 9.4 | - | - | - | - | - | - | 0.1 | 0.1 | 0.4 | 4.5 | 6.9 | 1.6 | - | 13.6 | 1672 |
| 9.5 - 10.4 | * | - | - | - | - | - | 0.1 | 0.1 | 0.4 | 4.3 | 5.7 | 0.7 | - | 11.2 | 1386 |
| 10.5 - 11.4 | - | - | - | - | - | - | * | * | 0.2 | 3.0 | 2.9 | 0.1 | - | 6.2 | 770 |
| 11.5 - 12.4 | - | - | - | - | - | - | - | * | - | 0.3 | 0.1 | - | - | 0.4 | 54 |
| 12.5 - 13.4 | * | - | - | - | - | - | - | 0.1 | 0.2 | 1.7 | 1.0 | 0.1 | - | 3.0 | 366 |
| 13.5 - 14.4 | - | - | - | - | * | - | 0.1 | 1.5 | 0.8 | 1.3 | 0.4 | - | - | 4.1 | 505 |
| 14.5 - 15.4 | - | - | - | - | - | - | * | 0.3 | 0.4 | 0.5 | * | * | - | 1.2 | 153 |
| 15.5 - 16.4 | - | - | - | - | - | - | - | 0.4 | 0.4 | 0.3 | * | - | - | 1.1 | 132 |
| 16.5 - 17.4 | - | - | - | - | * | * | 0.2 | 2.7 | 1.0 | 0.2 | 0.1 | - | - | 4.2 | 517 |
| 17.5 - 18.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 18.5 - 19.4 | - | - | - | - | - | - | - | * | 0.2 | - | - | - | - | 0.3 | 33 |
| 19.5 - 20.4 | - | - | - | - | - | - | * | 0.2 | 0.1 | - | * | - | - | 0.3 | 42 |
| 20.5 - 21.4 | - | - | - | - | - | - | - | * | 0.1 | - | - | - | - | 0.1 | 16 |
| TOTAL % | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 1.1 | 7.2 | 6.5 | 25.6 | 44.7 | 14.0 | 100.0 | | |
| TOTAL N | 92 | 0 | 0 | 0 | 3 | 16 | 139 | 888 | 797 | 3160 | 5505 | 1721 | | 12321 | |

(* < 0.05%)

STATION: 46029

7 - PERCENT FREQUENCY OF DOMINANT WAVE PERIOD(SECONDS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Months: SEP, OCT, NOV (Autumn)

| WAVE PERIOD | MEAN WAVE DIRECTION | | | | | | | | | | | | TOT % | TOT N | |
|-------------|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| | 35-01 | 02-04 | 05-07 | 08-10 | 11-13 | 14-16 | 17-19 | 20-22 | 23-25 | 26-28 | 29-31 | 32-34 | | | |
| < 0.5 | * | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 1 |
| 0.5 - 1.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 1.5 - 2.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 2.5 - 3.4 | - | - | * | - | - | - | - | - | - | - | - | - | - | 0.0 | 1 |
| 3.5 - 4.4 | 0.1 | * | 0.1 | * | * | * | 0.1 | - | - | - | - | * | - | 0.4 | 48 |
| 4.5 - 5.4 | 0.1 | - | - | - | * | * | 0.3 | 0.1 | * | 0.1 | 0.1 | 0.2 | - | 0.8 | 94 |

| | | | | | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----|-------|-------|
| 5.5 - 6.4 | - | - | - | - | - | * | 0.4 | 0.4 | 0.1 | 0.2 | 0.3 | 0.3 | 1.8 | 214 |
| 6.5 - 7.4 | - | - | - | - | - | - | 0.3 | 0.7 | 0.3 | 0.6 | 1.6 | 0.6 | 4.0 | 481 |
| 7.5 - 8.4 | - | - | - | - | - | - | 0.4 | 1.4 | 0.8 | 2.1 | 4.8 | 0.9 | 10.5 | 1256 |
| 8.5 - 9.4 | - | - | - | - | - | - | 0.1 | 1.1 | 1.1 | 3.2 | 5.7 | 0.5 | 11.7 | 1400 |
| 9.5 - 10.4 | - | - | - | - | - | - | 0.1 | 1.3 | 1.6 | 5.4 | 7.4 | 0.4 | 16.3 | 1951 |
| 10.5 - 11.4 | * | - | - | - | - | - | 0.1 | 1.0 | 1.7 | 7.0 | 9.6 | 0.2 | 19.7 | 2348 |
| 11.5 - 12.4 | - | - | - | - | - | - | * | 0.1 | 0.2 | 0.6 | 0.6 | * | 1.5 | 182 |
| 12.5 - 13.4 | * | * | - | - | - | - | 0.1 | 0.4 | 0.8 | 6.8 | 7.8 | 0.1 | 16.2 | 1929 |
| 13.5 - 14.4 | * | - | - | - | * | * | 0.1 | 0.3 | 0.6 | 4.3 | 4.5 | 0.1 | 9.9 | 1180 |
| 14.5 - 15.4 | - | - | - | * | - | - | - | * | * | 0.8 | 0.5 | - | 1.3 | 155 |
| 15.5 - 16.4 | - | - | - | - | - | - | - | * | * | 0.5 | 0.4 | - | 0.9 | 110 |
| 16.5 - 17.4 | - | - | - | * | 0.1 | * | 0.1 | 0.5 | 0.4 | 1.6 | 1.4 | * | 4.1 | 491 |
| 17.5 - 18.4 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 18.5 - 19.4 | - | - | - | - | - | - | - | * | * | 0.1 | 0.1 | - | 0.2 | 18 |
| 19.5 - 20.4 | - | - | - | * | * | * | * | * | * | 0.3 | 0.2 | - | 0.7 | 81 |
| 20.5 - 21.4 | - | - | - | - | - | - | - | - | - | * | - | - | 0.0 | 1 |
| 21.5 - 22.4 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 22.5 - 23.4 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 23.5 - 24.4 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 24.5 - 25.4 | - | - | - | - | * | - | - | - | - | - | - | - | 0.0 | 2 |
| TOTAL % | 0.3 | 0.0 | 0.1 | 0.1 | 0.2 | 0.1 | 2.0 | 7.3 | 7.8 | 33.8 | 45.0 | 3.4 | 100.0 | |
| TOTAL N | 34 | 4 | 10 | 9 | 19 | 14 | 240 | 877 | 933 | 4031 | 5371 | 401 | | 11943 |

(* < 0.05%)

STATION: 46029

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: JAN

| | | | | | | | | | | | | | | MEAN WAVE DIRECTION | |
|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------------|--|
| WAVE HEIGHT | 35-01 | 02-04 | 05-07 | 08-10 | 11-13 | 14-16 | 17-19 | 20-22 | 23-25 | 26-28 | 29-31 | 32-34 | TOT % | TOT N | |
| < 0.5 | 2.3 | 0.1 | - | - | - | - | - | - | * | * | * | * | 2.5 | 79 | |
| 0.5 - 1.4 | - | - | - | * | - | - | - | - | 0.5 | 2.2 | 0.9 | - | 3.6 | 112 | |
| 1.5 - 2.4 | - | - | - | 0.3 | 0.1 | * | 0.1 | 1.2 | 4.7 | 14.1 | 6.2 | * | 26.6 | 828 | |
| 2.5 - 3.4 | - | - | - | - | - | - | 0.4 | 3.2 | 3.7 | 14.1 | 6.6 | 0.2 | 28.2 | 877 | |
| 3.5 - 4.4 | - | - | - | - | - | - | 0.6 | 2.5 | 3.6 | 11.1 | 5.2 | * | 23.1 | 720 | |
| 4.5 - 5.4 | - | - | - | - | - | - | 0.4 | 1.1 | 1.4 | 6.3 | 0.9 | - | 10.2 | 317 | |
| 5.5 - 6.4 | - | - | - | - | - | - | 0.1 | 0.9 | 1.0 | 1.9 | 0.6 | - | 4.5 | 140 | |
| 6.5 - 7.4 | - | - | - | - | - | - | - | 0.5 | 0.2 | 0.3 | - | - | 0.9 | 29 | |
| 7.5 - 8.4 | - | - | - | - | - | - | - | 0.2 | - | 0.1 | - | - | 0.3 | 9 | |
| 8.5 - 9.4 | - | - | - | - | - | - | - | 0.1 | - | - | - | - | 0.1 | 3 | |
| TOTAL % | 2.3 | 0.1 | 0.0 | 0.3 | 0.1 | 0.0 | 1.6 | 9.7 | 15.2 | 50.1 | 20.4 | 0.3 | 100.0 | | |
| TOTAL N | 71 | 4 | 0 | 9 | 2 | 1 | 50 | 302 | 473 | 1560 | 634 | 8 | | 3114 | |

(* < 0.05%)

STATION: 46029

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: FEB

| | | | | | | | | | | | | | | MEAN WAVE DIRECTION | |
|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------------|--|
| WAVE HEIGHT | 35-01 | 02-04 | 05-07 | 08-10 | 11-13 | 14-16 | 17-19 | 20-22 | 23-25 | 26-28 | 29-31 | 32-34 | TOT % | TOT N | |
| < 0.5 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 | |
| 0.5 - 1.4 | 0.2 | - | - | - | - | - | - | - | 0.2 | 1.9 | 2.0 | 0.1 | 4.3 | 84 | |
| 1.5 - 2.4 | 0.4 | - | - | - | - | - | 0.3 | 1.3 | 1.5 | 17.4 | 8.2 | 0.5 | 29.5 | 577 | |
| 2.5 - 3.4 | - | - | - | - | - | 0.1 | 1.1 | 2.4 | 1.8 | 12.8 | 10.9 | 0.2 | 29.3 | 572 | |
| 3.5 - 4.4 | - | - | - | - | - | - | 0.4 | 2.2 | 1.8 | 5.8 | 2.9 | 0.1 | 13.1 | 255 | |
| 4.5 - 5.4 | - | - | - | - | - | - | 0.5 | 2.4 | 3.2 | 6.2 | 0.7 | - | 13.0 | 254 | |
| 5.5 - 6.4 | - | - | - | - | - | - | 0.3 | 1.8 | 2.5 | 1.9 | 0.4 | - | 6.9 | 134 | |
| 6.5 - 7.4 | - | - | - | - | - | - | 0.2 | 1.0 | 1.0 | 0.7 | 0.2 | - | 3.0 | 58 | |
| 7.5 - 8.4 | - | - | - | - | - | - | - | 0.4 | 0.4 | - | - | - | 0.8 | 16 | |
| 8.5 - 9.4 | - | - | - | - | - | - | - | 0.2 | - | - | - | - | 0.2 | 3 | |
| 9.5 - 10.4 | - | - | - | - | - | - | - | - | 0.1 | - | - | - | 0.1 | 1 | |
| TOTAL % | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 2.6 | 11.7 | 12.3 | 46.8 | 25.3 | 0.8 | 100.0 | | |
| TOTAL N | 11 | 0 | 0 | 0 | 0 | 1 | 51 | 228 | 240 | 914 | 494 | 15 | | 1954 | |

(* < 0.05%)

STATION: 46029

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: MAR

| | | | | | | | | | | | | | | MEAN WAVE DIRECTION | |
|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------------|--|
| WAVE HEIGHT | 35-01 | 02-04 | 05-07 | 08-10 | 11-13 | 14-16 | 17-19 | 20-22 | 23-25 | 26-28 | 29-31 | 32-34 | TOT % | TOT N | |
| < 0.5 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 | |
| 0.5 - 1.4 | - | - | - | * | - | - | 0.1 | 0.7 | 0.5 | 2.0 | 2.4 | 0.1 | 5.9 | 128 | |
| 1.5 - 2.4 | - | - | - | - | - | - | 0.2 | 0.7 | 1.1 | 9.5 | 10.3 | 0.3 | 22.1 | 478 | |
| 2.5 - 3.4 | - | - | - | - | - | - | 0.4 | 2.9 | 1.6 | 12.6 | 14.3 | 0.3 | 32.0 | 693 | |
| 3.5 - 4.4 | - | - | - | - | - | - | 0.4 | 2.7 | 2.5 | 9.7 | 8.0 | - | 23.3 | 503 | |
| 4.5 - 5.4 | - | - | - | - | - | - | 0.2 | 1.9 | 1.1 | 4.1 | 3.4 | - | 10.8 | 233 | |
| 5.5 - 6.4 | - | - | - | - | - | - | 0.3 | 0.5 | 0.7 | 1.2 | 1.2 | - | 3.7 | 81 | |

| | | | | | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|------|-----|------|------|-----|-------|------|
| 6.5 - 7.4 | - | - | - | - | - | - | - | 0.3 | 0.4 | 0.4 | 0.3 | - | 1.3 | 29 |
| 7.5 - 8.4 | - | - | - | - | - | - | - | 0.1 | 0.2 | 0.1 | - | - | 0.4 | 8 |
| 8.5 - 9.4 | - | - | - | - | - | - | - | * | 0.1 | - | - | - | 0.2 | 4 |
| 9.5 - 10.4 | - | - | - | - | - | - | - | 0.1 | - | - | - | - | 0.1 | 3 |
| 10.5 - 11.4 | - | - | - | - | - | - | - | * | * | - | - | - | 0.1 | 2 |
| 11.5 - 12.4 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 12.5 - 13.4 | - | - | - | - | - | - | - | * | - | - | - | - | 0.0 | 1 |
| TOTAL % | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.6 | 10.1 | 8.2 | 39.6 | 39.8 | 0.7 | 100.0 | |
| TOTAL N | 0 | 0 | 0 | 1 | 0 | 0 | 35 | 218 | 177 | 856 | 861 | 15 | | 2163 |

(* < 0.05%)

STATION: 46029

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: APR

| | | MEAN WAVE DIRECTION | | | | | | | | | | | | |
|-------------|-------|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| WAVE HEIGHT | 35-01 | 02-04 | 05-07 | 08-10 | 11-13 | 14-16 | 17-19 | 20-22 | 23-25 | 26-28 | 29-31 | 32-34 | TOT % | TOT N |
| < 0.5 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 0.5 - 1.4 | - | - | 0.1 | 0.1 | * | - | * | 1.2 | 1.5 | 9.1 | 5.7 | 1.0 | 18.9 | 398 |
| 1.5 - 2.4 | - | - | - | - | - | - | 0.2 | 1.8 | 2.8 | 22.0 | 21.9 | 1.5 | 50.2 | 1058 |
| 2.5 - 3.4 | - | - | - | - | - | - | 0.5 | 3.4 | 1.5 | 4.4 | 12.0 | 0.1 | 21.9 | 461 |
| 3.5 - 4.4 | - | - | - | - | - | - | 0.6 | 1.1 | 0.2 | 0.6 | 3.6 | - | 6.0 | 127 |
| 4.5 - 5.4 | - | - | - | - | - | - | 0.1 | 0.2 | 0.2 | 0.3 | 1.2 | * | 2.0 | 42 |
| 5.5 - 6.4 | - | - | - | - | - | - | - | - | - | * | 0.6 | 0.3 | 0.9 | 20 |
| 6.5 - 7.4 | - | - | - | - | - | - | - | - | - | - | 0.1 | - | 0.1 | 3 |
| TOTAL % | 0.0 | 0.0 | 0.1 | 0.1 | 0.0 | 0.0 | 1.5 | 7.7 | 6.1 | 36.4 | 45.1 | 3.0 | 100.0 | |
| TOTAL N | 0 | 0 | 2 | 2 | 1 | 0 | 31 | 162 | 129 | 767 | 952 | 63 | | 2109 |

(* < 0.05%)

STATION: 46029

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: MAY

| | | MEAN WAVE DIRECTION | | | | | | | | | | | | |
|-------------|-------|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| WAVE HEIGHT | 35-01 | 02-04 | 05-07 | 08-10 | 11-13 | 14-16 | 17-19 | 20-22 | 23-25 | 26-28 | 29-31 | 32-34 | TOT % | TOT N |
| < 0.5 | 4.1 | - | - | - | - | - | - | - | - | - | - | - | 4.1 | 166 |
| 0.5 - 1.4 | 0.4 | * | - | - | 0.1 | * | 0.5 | 3.2 | 4.2 | 9.6 | 11.9 | 2.5 | 32.4 | 1297 |
| 1.5 - 2.4 | 0.4 | - | - | - | - | 0.1 | 1.0 | 2.1 | 3.2 | 14.5 | 21.5 | 3.3 | 46.2 | 1847 |
| 2.5 - 3.4 | - | - | - | - | - | * | 0.3 | 1.0 | 0.9 | 4.7 | 6.4 | 1.3 | 14.7 | 587 |
| 3.5 - 4.4 | - | - | - | - | - | - | 0.3 | 0.3 | 0.1 | 0.5 | 0.7 | - | 1.9 | 76 |
| 4.5 - 5.4 | - | - | - | - | - | - | - | - | - | 0.1 | 0.6 | - | 0.7 | 28 |
| TOTAL % | 4.9 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 2.1 | 6.5 | 8.3 | 29.5 | 41.2 | 7.1 | 100.0 | |
| TOTAL N | 198 | 1 | 0 | 0 | 3 | 6 | 84 | 262 | 333 | 1179 | 1649 | 286 | | 4001 |

(* < 0.05%)

STATION: 46029

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: JUN

| | | MEAN WAVE DIRECTION | | | | | | | | | | | | |
|-------------|-------|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| WAVE HEIGHT | 35-01 | 02-04 | 05-07 | 08-10 | 11-13 | 14-16 | 17-19 | 20-22 | 23-25 | 26-28 | 29-31 | 32-34 | TOT % | TOT N |
| < 0.5 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 0.5 - 1.4 | 0.2 | - | - | - | * | 0.2 | 0.5 | 5.2 | 4.5 | 13.0 | 14.2 | 5.3 | 43.1 | 1773 |
| 1.5 - 2.4 | * | - | - | - | - | - | 0.4 | 1.3 | 1.6 | 19.8 | 18.1 | 4.6 | 45.9 | 1888 |
| 2.5 - 3.4 | - | - | - | - | - | - | 0.5 | 0.3 | 0.5 | 3.0 | 4.5 | 1.3 | 10.1 | 417 |
| 3.5 - 4.4 | - | - | - | - | - | - | 0.3 | 0.2 | - | 0.1 | 0.2 | * | 0.8 | 34 |
| 4.5 - 5.4 | - | - | - | - | - | - | - | * | - | - | - | - | 0.0 | 2 |
| TOTAL % | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 1.6 | 7.0 | 6.6 | 36.0 | 37.0 | 11.3 | 100.0 | |
| TOTAL N | 9 | 0 | 0 | 0 | 1 | 8 | 67 | 290 | 272 | 1479 | 1523 | 465 | | 4114 |

(* < 0.05%)

STATION: 46029

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: JUL

| | | MEAN WAVE DIRECTION | | | | | | | | | | | | |
|-------------|-------|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| WAVE HEIGHT | 35-01 | 02-04 | 05-07 | 08-10 | 11-13 | 14-16 | 17-19 | 20-22 | 23-25 | 26-28 | 29-31 | 32-34 | TOT % | TOT N |
| < 0.5 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 0.5 - 1.4 | 0.7 | - | - | - | - | - | 0.2 | 6.1 | 4.1 | 12.3 | 29.6 | 7.7 | 60.7 | 2273 |
| 1.5 - 2.4 | 0.2 | - | - | - | - | - | 0.3 | 0.3 | 0.9 | 4.7 | 19.2 | 10.9 | 36.5 | 1367 |
| 2.5 - 3.4 | 0.1 | - | - | - | - | - | 0.1 | 0.2 | * | 0.2 | 0.9 | 1.2 | 2.6 | 99 |
| 3.5 - 4.4 | - | - | - | - | - | - | - | - | - | - | - | 0.2 | 0.2 | 6 |
| TOTAL % | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.6 | 6.6 | 5.0 | 17.2 | 49.6 | 20.0 | 100.0 | |
| TOTAL N | 37 | 0 | 0 | 0 | 0 | 0 | 21 | 247 | 189 | 644 | 1859 | 748 | | 3745 |

(* < 0.05%)

STATION: 46029

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: AUG

| WAVE HEIGHT | MEAN WAVE DIRECTION | | | | | | | | | | | | TOT % | TOT N | |
|-------------|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|
| | 35-01 | 02-04 | 05-07 | 08-10 | 11-13 | 14-16 | 17-19 | 20-22 | 23-25 | 26-28 | 29-31 | 32-34 | | | |
| < 0.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 0.5 - 1.4 | 0.4 | - | - | - | * | 0.2 | 0.8 | 5.5 | 5.4 | 16.3 | 22.9 | 6.2 | 57.8 | 2578 | |
| 1.5 - 2.4 | 0.7 | - | - | - | - | - | 0.2 | 1.9 | 1.9 | 6.9 | 23.0 | 5.2 | 39.7 | 1773 | |
| 2.5 - 3.4 | - | - | - | - | - | - | 0.1 | 0.4 | 0.2 | * | 0.9 | - | 1.6 | 73 | |
| 3.5 - 4.4 | - | - | - | - | - | - | - | 0.1 | - | - | 0.7 | - | 0.8 | 36 | |
| 4.5 - 5.4 | - | - | - | - | - | - | - | - | - | - | * | - | 0.0 | 2 | |
| TOTAL % | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 1.1 | 7.9 | 7.5 | 23.2 | 47.6 | 11.4 | 100.0 | | |
| TOTAL N | 46 | 0 | 0 | 0 | 2 | 8 | 51 | 351 | 336 | 1037 | 2123 | 508 | | 4462 | |

(* < 0.05%)

STATION: 46029

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: SEP

| WAVE HEIGHT | MEAN WAVE DIRECTION | | | | | | | | | | | | TOT % | TOT N | |
|-------------|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|
| | 35-01 | 02-04 | 05-07 | 08-10 | 11-13 | 14-16 | 17-19 | 20-22 | 23-25 | 26-28 | 29-31 | 32-34 | | | |
| < 0.5 | * | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 1 |
| 0.5 - 1.4 | 0.3 | - | * | 0.1 | 0.1 | 0.1 | 0.6 | 1.8 | 2.5 | 9.5 | 17.3 | 2.0 | 34.3 | 1469 | |
| 1.5 - 2.4 | * | - | - | - | * | * | 0.3 | 1.0 | 1.2 | 11.9 | 30.0 | 2.4 | 46.8 | 2002 | |
| 2.5 - 3.4 | - | - | - | - | - | - | 0.2 | 0.6 | 0.4 | 5.2 | 8.7 | 0.3 | 15.4 | 658 | |
| 3.5 - 4.4 | - | - | - | - | - | - | - | 0.3 | * | 0.5 | 1.8 | - | 2.6 | 113 | |
| 4.5 - 5.4 | - | - | - | - | - | - | - | 0.1 | - | 0.2 | 0.2 | - | 0.5 | 20 | |
| 5.5 - 6.4 | - | - | - | - | - | - | - | * | - | 0.2 | - | - | 0.3 | 11 | |
| 6.5 - 7.4 | - | - | - | - | - | - | - | - | - | 0.1 | - | - | 0.1 | 3 | |
| TOTAL % | 0.3 | 0.0 | 0.0 | 0.1 | 0.1 | 0.2 | 1.1 | 3.8 | 4.2 | 27.6 | 58.0 | 4.6 | 100.0 | | |
| TOTAL N | 14 | 0 | 1 | 3 | 5 | 7 | 48 | 163 | 178 | 1180 | 2480 | 198 | | 4277 | |

(* < 0.05%)

STATION: 46029

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: OCT

| WAVE HEIGHT | MEAN WAVE DIRECTION | | | | | | | | | | | | TOT % | TOT N | |
|-------------|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|
| | 35-01 | 02-04 | 05-07 | 08-10 | 11-13 | 14-16 | 17-19 | 20-22 | 23-25 | 26-28 | 29-31 | 32-34 | | | |
| < 0.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 0.5 - 1.4 | 0.4 | 0.1 | 0.2 | * | - | - | 0.3 | 0.5 | 1.0 | 5.7 | 4.6 | 1.7 | 14.6 | 626 | |
| 1.5 - 2.4 | 0.1 | - | - | - | - | * | 0.8 | 0.8 | 1.7 | 12.5 | 20.8 | 2.2 | 39.0 | 1672 | |
| 2.5 - 3.4 | - | - | - | - | - | * | 0.3 | 2.0 | 1.1 | 9.5 | 16.9 | 0.3 | 30.1 | 1290 | |
| 3.5 - 4.4 | - | - | - | - | 0.1 | - | 0.2 | 1.6 | 1.0 | 3.6 | 3.9 | 0.1 | 10.5 | 449 | |
| 4.5 - 5.4 | - | - | - | - | - | - | 0.2 | 0.7 | 0.1 | 1.1 | 1.1 | - | 3.3 | 142 | |
| 5.5 - 6.4 | - | - | - | - | * | - | - | 0.1 | 0.1 | 0.5 | 0.5 | - | 1.3 | 54 | |
| 6.5 - 7.4 | - | - | - | * | 0.1 | * | * | 0.1 | 0.2 | 0.2 | 0.2 | - | 0.9 | 39 | |
| 7.5 - 8.4 | - | - | - | - | - | - | - | * | 0.1 | - | 0.1 | - | 0.2 | 8 | |
| 8.5 - 9.4 | - | - | - | - | * | - | - | - | * | * | 0.2 | - | 0.3 | 11 | |
| TOTAL % | 0.5 | 0.1 | 0.2 | 0.1 | 0.2 | 0.1 | 1.9 | 5.8 | 5.3 | 33.2 | 48.4 | 4.2 | 100.0 | | |
| TOTAL N | 20 | 3 | 9 | 3 | 8 | 5 | 80 | 250 | 229 | 1425 | 2077 | 182 | | 4291 | |

(* < 0.05%)

STATION: 46029

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: NOV

| WAVE HEIGHT | MEAN WAVE DIRECTION | | | | | | | | | | | | TOT % | TOT N | |
|-------------|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|
| | 35-01 | 02-04 | 05-07 | 08-10 | 11-13 | 14-16 | 17-19 | 20-22 | 23-25 | 26-28 | 29-31 | 32-34 | | | |
| < 0.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 0.5 - 1.4 | - | * | - | 0.1 | * | - | - | - | 0.1 | 2.2 | 1.9 | 0.1 | 4.4 | 150 | |
| 1.5 - 2.4 | - | - | - | - | 0.1 | 0.1 | 0.7 | 1.0 | 2.3 | 13.6 | 9.6 | 0.4 | 27.8 | 938 | |
| 2.5 - 3.4 | - | - | - | - | - | - | 1.0 | 4.0 | 5.2 | 12.3 | 6.7 | 0.1 | 29.4 | 991 | |
| 3.5 - 4.4 | - | - | - | - | - | - | 0.6 | 3.6 | 4.3 | 8.4 | 3.8 | - | 20.7 | 697 | |
| 4.5 - 5.4 | - | - | - | - | - | - | 0.4 | 2.9 | 1.5 | 3.4 | 1.7 | - | 10.0 | 336 | |
| 5.5 - 6.4 | - | - | - | - | - | - | 0.2 | 1.3 | 1.7 | 1.5 | 0.3 | - | 4.9 | 166 | |
| 6.5 - 7.4 | - | - | - | - | - | - | 0.1 | 0.5 | 0.4 | 0.6 | 0.1 | - | 1.7 | 59 | |
| 7.5 - 8.4 | - | - | - | - | - | - | 0.1 | 0.4 | 0.1 | 0.3 | - | - | 0.9 | 29 | |
| 8.5 - 9.4 | - | - | - | - | - | - | 0.1 | 0.1 | * | * | - | - | 0.3 | 9 | |
| TOTAL % | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 | 0.1 | 3.3 | 13.7 | 15.6 | 42.3 | 24.1 | 0.6 | 100.0 | | |
| TOTAL N | 0 | 1 | 0 | 3 | 6 | 2 | 112 | 464 | 526 | 1426 | 814 | 21 | | 3375 | |

(* < 0.05%)

STATION: 46029

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Month: DEC

| WAVE HEIGHT | MEAN WAVE DIRECTION | | | | | | | | | | | | TOT % | TOT N | |
|-------------|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| | 35-01 | 02-04 | 05-07 | 08-10 | 11-13 | 14-16 | 17-19 | 20-22 | 23-25 | 26-28 | 29-31 | 32-34 | | | |
| < 0.5 | * | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 1 |
| 0.5 - 1.4 | - | 0.1 | - | - | 0.2 | * | 0.1 | * | 0.1 | 2.5 | 0.5 | 0.1 | - | 3.7 | 124 |
| 1.5 - 2.4 | 0.1 | - | 0.1 | 0.1 | 0.1 | - | 0.4 | 0.4 | 2.5 | 8.5 | 4.3 | 1.0 | - | 17.5 | 583 |
| 2.5 - 3.4 | 0.1 | - | * | 0.1 | * | 0.1 | 0.3 | 1.9 | 3.5 | 17.2 | 7.0 | 0.1 | - | 30.3 | 1011 |
| 3.5 - 4.4 | 0.1 | - | - | - | - | - | 0.3 | 2.5 | 2.9 | 13.8 | 6.8 | 0.2 | - | 26.6 | 888 |
| 4.5 - 5.4 | - | - | - | - | - | - | 0.4 | 3.1 | 2.0 | 5.5 | 2.1 | * | - | 13.0 | 435 |
| 5.5 - 6.4 | - | - | - | - | - | - | 0.2 | 1.9 | 0.9 | 2.1 | 0.8 | - | - | 5.9 | 198 |
| 6.5 - 7.4 | - | - | - | - | - | - | 0.1 | 0.8 | 0.3 | 0.4 | 0.5 | - | - | 2.1 | 70 |
| 7.5 - 8.4 | - | - | - | - | - | - | - | 0.1 | 0.1 | 0.1 | 0.1 | - | - | 0.3 | 10 |
| 8.5 - 9.4 | - | - | - | - | - | - | - | - | 0.1 | - | - | 0.2 | - | 0.3 | 10 |
| 9.5 - 10.4 | - | - | - | - | - | - | - | - | - | - | 0.1 | - | - | 0.1 | 4 |
| TOTAL % | 0.3 | 0.1 | 0.1 | 0.1 | 0.4 | 0.1 | 1.8 | 10.7 | 12.4 | 50.0 | 22.5 | 1.5 | - | 100.0 | |
| TOTAL N | 10 | 2 | 4 | 5 | 12 | 5 | 61 | 356 | 412 | 1668 | 749 | 50 | - | | 3334 |

(* < 0.05%)

STATION: 46029

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

All Months: Annual

| WAVE HEIGHT | MEAN WAVE DIRECTION | | | | | | | | | | | | TOT % | TOT N | |
|-------------|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 35-01 | 02-04 | 05-07 | 08-10 | 11-13 | 14-16 | 17-19 | 20-22 | 23-25 | 26-28 | 29-31 | 32-34 | | | |
| < 0.5 | 0.6 | * | - | - | - | - | - | - | * | * | * | * | - | 0.6 | 247 |
| 0.5 - 1.4 | 0.2 | * | * | * | * | 0.1 | 0.3 | 2.3 | 2.4 | 8.0 | 10.9 | 2.6 | - | 26.9 | 11012 |
| 1.5 - 2.4 | 0.2 | - | * | * | * | * | 0.4 | 1.2 | 2.1 | 12.5 | 17.2 | 3.1 | - | 36.7 | 15011 |
| 2.5 - 3.4 | * | - | * | * | * | * | 0.4 | 1.6 | 1.6 | 7.3 | 7.5 | 0.5 | - | 18.9 | 7729 |
| 3.5 - 4.4 | * | - | - | - | * | - | 0.3 | 1.2 | 1.2 | 4.0 | 2.8 | * | - | 9.5 | 3904 |
| 4.5 - 5.4 | - | - | - | - | - | - | 0.2 | 0.9 | 0.6 | 1.9 | 0.9 | * | - | 4.4 | 1811 |
| 5.5 - 6.4 | - | - | - | - | * | - | 0.1 | 0.5 | 0.5 | 0.7 | 0.3 | * | - | 2.0 | 804 |
| 6.5 - 7.4 | - | - | - | * | * | * | * | 0.2 | 0.2 | 0.2 | 0.1 | - | - | 0.7 | 290 |
| 7.5 - 8.4 | - | - | - | - | - | - | * | 0.1 | 0.1 | * | * | - | - | 0.2 | 80 |
| 8.5 - 9.4 | - | - | - | - | * | - | * | * | * | * | * | - | - | 0.1 | 40 |
| 9.5 - 10.4 | - | - | - | - | - | - | - | * | * | - | * | - | - | 0.0 | 8 |
| 10.5 - 11.4 | - | - | - | - | - | - | - | * | * | - | - | - | - | 0.0 | 2 |
| 11.5 - 12.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 12.5 - 13.4 | - | - | - | - | - | - | - | * | - | - | - | - | - | 0.0 | 1 |
| TOTAL % | 1.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 1.7 | 8.0 | 8.5 | 34.5 | 39.6 | 6.3 | - | 100.0 | |
| TOTAL N | 416 | 11 | 16 | 26 | 40 | 43 | 691 | 3293 | 3494 | 14135 | 16215 | 2559 | - | | 40939 |

(* < 0.05%)

STATION: 46029

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Months: DEC, JAN, FEB (Winter)

| WAVE HEIGHT | MEAN WAVE DIRECTION | | | | | | | | | | | | TOT % | TOT N | |
|-------------|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| | 35-01 | 02-04 | 05-07 | 08-10 | 11-13 | 14-16 | 17-19 | 20-22 | 23-25 | 26-28 | 29-31 | 32-34 | | | |
| < 0.5 | 0.9 | * | - | - | - | - | - | - | * | * | * | * | - | 1.0 | 80 |
| 0.5 - 1.4 | * | * | - | * | 0.1 | * | * | * | 0.3 | 2.3 | 1.0 | * | - | 3.8 | 320 |
| 1.5 - 2.4 | 0.1 | - | * | 0.1 | 0.1 | * | 0.3 | 0.9 | 3.1 | 12.6 | 5.9 | 0.5 | - | 23.7 | 1988 |
| 2.5 - 3.4 | * | - | * | * | * | 0.1 | 0.5 | 2.5 | 3.2 | 15.0 | 7.7 | 0.2 | - | 29.3 | 2460 |
| 3.5 - 4.4 | * | - | - | - | - | - | 0.4 | 2.4 | 2.9 | 10.9 | 5.3 | 0.1 | - | 22.2 | 1863 |
| 4.5 - 5.4 | - | - | - | - | - | - | 0.4 | 2.2 | 2.1 | 5.9 | 1.3 | * | - | 12.0 | 1006 |
| 5.5 - 6.4 | - | - | - | - | - | - | 0.2 | 1.5 | 1.3 | 2.0 | 0.6 | - | - | 5.6 | 472 |
| 6.5 - 7.4 | - | - | - | - | - | - | 0.1 | 0.7 | 0.4 | 0.4 | 0.2 | - | - | 1.9 | 157 |
| 7.5 - 8.4 | - | - | - | - | - | - | - | 0.2 | 0.1 | * | * | - | - | 0.4 | 35 |
| 8.5 - 9.4 | - | - | - | - | - | - | - | 0.1 | * | - | 0.1 | - | - | 0.2 | 16 |
| 9.5 - 10.4 | - | - | - | - | - | - | - | - | * | - | * | - | - | 0.1 | 5 |
| TOTAL % | 1.1 | 0.1 | 0.0 | 0.2 | 0.2 | 0.1 | 1.9 | 10.5 | 13.4 | 49.3 | 22.3 | 0.9 | - | 100.0 | |
| TOTAL N | 92 | 6 | 4 | 14 | 14 | 7 | 162 | 886 | 1125 | 4142 | 1877 | 73 | - | | 8402 |

(* < 0.05%)

STATION: 46029

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Months: MAR, APR, MAY (Spring)

| WAVE HEIGHT | MEAN WAVE DIRECTION | | | | | | | | | | | | TOT % | TOT N | |
|-------------|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| | 35-01 | 02-04 | 05-07 | 08-10 | 11-13 | 14-16 | 17-19 | 20-22 | 23-25 | 26-28 | 29-31 | 32-34 | | | |
| < 0.5 | 2.0 | - | - | - | - | - | - | - | - | - | - | - | - | 2.0 | 166 |
| 0.5 - 1.4 | 0.2 | * | * | * | * | * | 0.3 | 2.0 | 2.5 | 7.5 | 7.8 | 1.5 | - | 22.0 | 1823 |
| 1.5 - 2.4 | 0.2 | - | - | - | - | * | 0.6 | 1.7 | 2.5 | 15.1 | 18.7 | 2.1 | - | 40.9 | 3383 |
| 2.5 - 3.4 | - | - | - | - | - | * | 0.4 | 2.1 | 1.2 | 6.7 | 9.9 | 0.7 | - | 21.0 | 1741 |
| 3.5 - 4.4 | - | - | - | - | - | - | 0.4 | 1.1 | 0.7 | 2.9 | 3.3 | - | - | 8.5 | 706 |
| 4.5 - 5.4 | - | - | - | - | - | - | 0.1 | 0.5 | 0.3 | 1.2 | 1.5 | * | - | 3.7 | 303 |
| 5.5 - 6.4 | - | - | - | - | - | - | 0.1 | 0.1 | 0.2 | 0.3 | 0.5 | 0.1 | - | 1.2 | 101 |

| | | | | | | | | | | | | | | |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----|-------|------|
| 6.5 - 7.4 | - | - | - | - | - | - | - | 0.1 | 0.1 | 0.1 | 0.1 | - | 0.4 | 32 |
| 7.5 - 8.4 | - | - | - | - | - | - | - | * | * | * | - | - | 0.1 | 8 |
| 8.5 - 9.4 | - | - | - | - | - | - | - | * | * | - | - | - | 0.0 | 4 |
| 9.5 - 10.4 | - | - | - | - | - | - | - | * | - | - | - | - | 0.0 | 3 |
| 10.5 - 11.4 | - | - | - | - | - | - | - | * | * | - | - | - | 0.0 | 2 |
| 11.5 - 12.4 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 12.5 - 13.4 | - | - | - | - | - | - | - | * | - | - | - | - | 0.0 | 1 |
| TOTAL % | 2.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 1.8 | 7.8 | 7.7 | 33.9 | 41.8 | 4.4 | 100.0 | |
| TOTAL N | 198 | 1 | 2 | 3 | 4 | 6 | 150 | 642 | 639 | 2802 | 3462 | 364 | | 8273 |

(* < 0.05%)

STATION: 46029

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Months: JUN, JUL, AUG (Summer)

| WAVE HEIGHT | MEAN WAVE DIRECTION | | | | | | | | | | | | TOT % | TOT N |
|-------------|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 35-01 | 02-04 | 05-07 | 08-10 | 11-13 | 14-16 | 17-19 | 20-22 | 23-25 | 26-28 | 29-31 | 32-34 | | |
| < 0.5 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 0.5 - 1.4 | 0.4 | - | - | - | * | 0.1 | 0.5 | 5.6 | 4.7 | 14.0 | 22.0 | 6.4 | 53.8 | 6624 |
| 1.5 - 2.4 | 0.3 | - | - | - | - | 0.3 | 1.2 | 1.5 | 10.5 | 20.2 | 6.7 | 40.8 | 5028 | |
| 2.5 - 3.4 | * | - | - | - | - | 0.2 | 0.3 | 0.2 | 1.1 | 2.1 | 0.8 | 4.8 | 589 | |
| 3.5 - 4.4 | - | - | - | - | - | 0.1 | 0.1 | - | * | 0.3 | 0.1 | 0.6 | 76 | |
| 4.5 - 5.4 | - | - | - | - | - | - | - | * | - | - | * | - | 0.0 | 4 |
| TOTAL % | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 1.1 | 7.2 | 6.5 | 25.6 | 44.7 | 14.0 | 100.0 | |
| TOTAL N | 92 | 0 | 0 | 0 | 3 | 16 | 139 | 888 | 797 | 3160 | 5505 | 1721 | | 12321 |

(* < 0.05%)

STATION: 46029

8 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS MEAN WAVE DIRECTION(TENS OF DEGREES)

Months: SEP, OCT, NOV (Autumn)

| WAVE HEIGHT | MEAN WAVE DIRECTION | | | | | | | | | | | | TOT % | TOT N |
|-------------|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 35-01 | 02-04 | 05-07 | 08-10 | 11-13 | 14-16 | 17-19 | 20-22 | 23-25 | 26-28 | 29-31 | 32-34 | | |
| < 0.5 | * | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 1 |
| 0.5 - 1.4 | 0.2 | * | 0.1 | 0.1 | * | * | 0.3 | 0.8 | 1.3 | 6.1 | 8.4 | 1.3 | 18.8 | 2245 |
| 1.5 - 2.4 | * | - | - | - | 0.1 | * | 0.6 | 0.9 | 1.7 | 12.6 | 20.9 | 1.8 | 38.6 | 4612 |
| 2.5 - 3.4 | - | - | - | - | - | * | 0.5 | 2.0 | 2.0 | 8.8 | 11.1 | 0.2 | 24.6 | 2939 |
| 3.5 - 4.4 | - | - | - | - | * | - | 0.2 | 1.7 | 1.6 | 3.8 | 3.1 | * | 10.5 | 1259 |
| 4.5 - 5.4 | - | - | - | - | - | - | 0.2 | 1.1 | 0.5 | 1.4 | 0.9 | - | 4.2 | 498 |
| 5.5 - 6.4 | - | - | - | - | * | - | 0.1 | 0.4 | 0.5 | 0.7 | 0.2 | - | 1.9 | 231 |
| 6.5 - 7.4 | - | - | - | * | * | * | 0.1 | 0.2 | 0.2 | 0.3 | 0.1 | - | 0.8 | 101 |
| 7.5 - 8.4 | - | - | - | - | - | - | * | 0.1 | 0.1 | 0.1 | * | - | 0.3 | 37 |
| 8.5 - 9.4 | - | - | - | - | * | - | * | * | * | * | 0.1 | - | 0.2 | 20 |
| TOTAL % | 0.3 | 0.0 | 0.1 | 0.1 | 0.2 | 0.1 | 2.0 | 7.3 | 7.8 | 33.8 | 45.0 | 3.4 | 100.0 | |
| TOTAL N | 34 | 4 | 10 | 9 | 19 | 14 | 240 | 877 | 933 | 4031 | 5371 | 401 | | 11943 |

(* < 0.05%)

Summary complete: 09-Sep-2003 07:46:09