

| | | | | | | | | | | | | | | |
|------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| | DAY-HR | - | - | - | - | - | - | - | - | - | - | 13-00 | 01-02 | NOV |
| | MINIMUM | - | - | - | - | - | - | - | - | - | - | 22.3 | 21.3 | 21.3 |
| | DAY-HR | - | - | - | - | - | - | - | - | - | - | 09-13 | 18-16 | DEC |
| | # OBS | - | - | - | - | - | - | - | - | - | - | 536 | 743 | 1279 |
| 1985 | MEAN | 23.0 | 23.0 | 22.4 | 23.2 | 23.7 | 24.2 | 25.2 | 25.4 | 25.6 | 25.6 | 25.2 | 25.0 | 24.3 |
| | MAXIMUM | 24.6 | 24.2 | 23.5 | 24.1 | 25.2 | 25.2 | 26.2 | 26.4 | 27.8 | 26.7 | 26.9 | 26.3 | 27.8 |
| | DAY-HR | 15-03 | 03-03 | 31-02 | 13-20 | 20-04 | 25-04 | 17-03 | 19-23 | 09-02 | 05-02 | 19-02 | 09-02 | SEP |
| | MINIMUM | 20.8 | 19.3 | 19.7 | 19.7 | 22.2 | 21.9 | 21.6 | 23.8 | 22.6 | 23.6 | 21.5 | 22.3 | 19.3 |
| | DAY-HR | 17-16 | 25-22 | 08-14 | 03-02 | 14-22 | 01-08 | 01-21 | 26-04 | 21-17 | 29-03 | 27-20 | 31-13 | FEB |
| | # OBS | 743 | 669 | 741 | 718 | 743 | 719 | 741 | 741 | 715 | 741 | 717 | 742 | 8730 |
| 1986 | MEAN | 24.4 | 24.4 | 24.9 | 24.3 | 24.9 | 25.2 | 25.5 | 26.2 | 26.7 | 26.4 | - | - | 25.3 |
| | MAXIMUM | 26.2 | 26.1 | 26.1 | 25.4 | 26.9 | 26.1 | 26.8 | 27.3 | 27.6 | 27.3 | - | - | 27.6 |
| | DAY-HR | 25-03 | 28-03 | 07-03 | 26-22 | 29-04 | 30-04 | 13-02 | 25-03 | 17-03 | 03-00 | - | - | SEP |
| | MINIMUM | 21.6 | 21.7 | 21.7 | 21.2 | 22.3 | 22.7 | 22.0 | 23.9 | 24.6 | - | - | - | 21.2 |
| | DAY-HR | 21-16 | 05-05 | 28-08 | 08-21 | 20-11 | 18-09 | 23-04 | 18-13 | 27-23 | 16-12 | - | - | APR |
| | # OBS | 742 | 667 | 738 | 720 | 738 | 718 | 744 | 742 | 717 | 395 | - | - | 6921 |
| 1987 | MEAN | - | - | - | 24.1 | 24.0 | 25.0 | 25.6 | 26.0 | 26.3 | 26.2 | 25.6 | 24.8 | 25.4 |
| | MAXIMUM | - | - | - | 26.8 | 26.2 | 26.3 | 26.8 | 26.9 | 27.4 | 27.3 | 26.7 | 25.8 | 27.4 |
| | DAY-HR | - | - | - | 24-04 | 30-02 | 25-03 | 22-03 | 22-03 | 03-03 | 02-03 | 12-01 | 13-01 | SEP |
| | MINIMUM | - | - | - | 21.0 | 20.7 | 22.5 | 22.2 | 22.6 | 23.7 | 23.9 | 21.6 | 22.4 | 20.7 |
| | DAY-HR | - | - | - | 27-17 | 03-04 | 14-16 | 01-17 | 06-11 | 30-06 | 03-17 | 16-01 | 29-10 | MAY |
| | # OBS | - | - | - | 190 | 737 | 706 | 742 | 743 | 678 | 483 | 239 | 248 | 4766 |
| 1988 | MEAN | 24.3 | 24.2 | - | - | - | - | 25.2 | 25.6 | 26.1 | 26.1 | 25.7 | 24.6 | 25.5 |
| | MAXIMUM | 26.1 | 24.6 | - | - | - | - | 26.0 | 26.4 | 26.9 | 27.1 | 27.1 | 26.2 | 27.1 |
| | DAY-HR | 31-04 | 11-07 | - | - | - | - | 30-19 | 31-03 | 28-02 | 17-03 | 05-07 | 06-21 | NOV |
| | MINIMUM | 21.9 | 21.4 | - | - | - | - | 23.6 | 23.2 | 23.6 | 23.9 | 23.6 | 21.9 | 21.4 |
| | DAY-HR | 06-22 | 09-16 | - | - | - | - | 14-12 | 27-14 | 20-16 | 06-14 | 26-15 | 17-18 | FEB |
| | # OBS | 248 | 128 | - | - | - | - | 425 | 737 | 711 | 739 | 716 | 741 | 4445 |
| 1989 | MEAN | 23.6 | 23.4 | 23.9 | 24.2 | 25.0 | 25.2 | 25.4 | 25.6 | 25.6 | 25.7 | 25.3 | 24.7 | 24.6 |
| | MAXIMUM | 24.6 | 24.8 | 25.0 | 26.4 | 26.0 | 26.2 | 26.2 | 26.7 | 26.6 | 26.5 | 26.3 | 26.3 | 26.7 |
| | DAY-HR | 02-19 | 09-04 | 05-03 | 11-04 | 29-00 | 18-01 | 23-03 | 30-00 | 12-03 | 04-03 | 27-02 | 01-03 | AUG |
| | MINIMUM | 21.1 | 19.9 | 22.1 | 19.8 | 22.3 | 23.0 | 22.9 | 23.7 | 22.6 | 23.4 | 22.0 | 21.5 | 19.8 |
| | DAY-HR | 23-01 | 06-10 | 08-03 | 09-20 | 01-17 | 29-13 | 04-14 | 10-15 | 22-21 | 05-09 | 20-14 | 10-13 | APR |
| | # OBS | 743 | 668 | 737 | 717 | 732 | 715 | 542 | 239 | 235 | 37 | 502 | 740 | 6607 |
| 1990 | MEAN | 23.8 | 23.0 | 23.1 | 23.8 | 24.3 | 24.7 | 25.4 | 26.0 | 26.2 | 26.1 | 25.8 | 24.7 | 24.8 |
| | MAXIMUM | 25.1 | 24.5 | 24.3 | 24.9 | 25.3 | 25.5 | 26.5 | 27.2 | 27.4 | 27.1 | 27.1 | 25.7 | 27.4 |
| | DAY-HR | 02-22 | 26-02 | 21-04 | 13-03 | 31-07 | 30-23 | 31-23 | 28-01 | 05-03 | 20-02 | 12-02 | 26-20 | SEP |
| | MINIMUM | 20.1 | 19.9 | 19.7 | 21.0 | 22.3 | 22.8 | 22.4 | 23.7 | 23.4 | 23.6 | 22.9 | 21.7 | 19.7 |
| | DAY-HR | 13-07 | 11-13 | 02-04 | 03-22 | 17-13 | 26-16 | 01-17 | 16-03 | 18-00 | 10-13 | 19-18 | 13-19 | MAR |
| | # OBS | 742 | 671 | 744 | 710 | 735 | 713 | 732 | 735 | 716 | 740 | 718 | 707 | 8663 |
| 1991 | MEAN | - | 24.1 | 23.5 | 23.8 | 23.9 | - | 25.3 | 26.0 | 26.1 | 25.9 | 25.8 | 24.6 | 25.0 |
| | MAXIMUM | - | 25.5 | 24.8 | 24.7 | 25.0 | - | 26.5 | 27.0 | 27.1 | 26.9 | 27.0 | 26.4 | 27.1 |
| | DAY-HR | - | 25-03 | 02-08 | 26-01 | 20-00 | - | 25-03 | 25-01 | 23-22 | 31-21 | 01-00 | 01-03 | SEP |
| | MINIMUM | - | 22.2 | 21.5 | 21.6 | 20.8 | - | 22.7 | 23.5 | 24.1 | 23.3 | 23.0 | 22.6 | 20.8 |
| | DAY-HR | - | 22-01 | 16-03 | 20-16 | 05-20 | - | 22-15 | 10-12 | 18-23 | 06-14 | 28-15 | 28-18 | MAY |
| | # OBS | - | 230 | 744 | 714 | 457 | - | 523 | 738 | 715 | 688 | 239 | 248 | 5296 |
| 1992 | MEAN | 23.6 | 23.1 | 22.7 | 23.4 | 24.7 | 25.3 | 25.9 | 26.3 | 26.6 | 26.7 | 26.0 | 24.5 | 25.0 |
| | MAXIMUM | 24.7 | 24.5 | 23.7 | 26.4 | 26.6 | 26.4 | 27.3 | 27.3 | 27.8 | 27.6 | 27.6 | 26.1 | 27.8 |
| | DAY-HR | 28-00 | 25-03 | 02-21 | 26-23 | 26-03 | 01-03 | 26-23 | 27-20 | 02-03 | 24-09 | 03-03 | 01-05 | SEP |
| | MINIMUM | 21.0 | 19.5 | 20.1 | 20.4 | 21.5 | 21.8 | 23.2 | 23.0 | 23.8 | 23.7 | 22.7 | 21.8 | 19.5 |
| | DAY-HR | 18-15 | 08-00 | 21-05 | 07-16 | 07-13 | 11-02 | 10-13 | 06-13 | 27-12 | 28-02 | 27-20 | 21-16 | FEB |
| | # OBS | 246 | 504 | 742 | 718 | 743 | 719 | 742 | 739 | 716 | 743 | 715 | 739 | 8066 |
| 1993 | MEAN | 23.8 | 23.2 | 23.4 | 23.6 | 23.8 | 24.7 | 25.5 | 26.2 | 26.5 | 26.4 | 25.3 | 24.4 | 24.7 |
| | MAXIMUM | 25.7 | 25.3 | 25.1 | 25.1 | 25.6 | 25.9 | 26.8 | 27.7 | 28.6 | 27.4 | 27.1 | 26.0 | 28.6 |
| | DAY-HR | 01-01 | 01-03 | 22-01 | 26-04 | 21-22 | 14-23 | 31-03 | 18-04 | 29-03 | 26-21 | 03-02 | 02-02 | SEP |
| | MINIMUM | 21.3 | 20.7 | 19.8 | 21.1 | 21.0 | 20.8 | 21.6 | 23.2 | 23.2 | 22.8 | 22.3 | 20.8 | 19.8 |
| | DAY-HR | 27-16 | 25-04 | 10-06 | 14-13 | 24-15 | 16-16 | 05-14 | 27-09 | 26-11 | 13-18 | 27-01 | 19-14 | MAR |
| | # OBS | 736 | 638 | 726 | 715 | 738 | 712 | 734 | 737 | 718 | 738 | 716 | 744 | 8652 |
| 1994 | MEAN | 24.0 | 24.1 | 24.0 | 24.0 | 24.6 | 25.0 | 26.0 | 26.5 | 26.6 | - | - | - | 24.8 |
| | MAXIMUM | 25.5 | 25.8 | 25.6 | 25.1 | 25.4 | 26.4 | 26.9 | 28.1 | 27.6 | - | - | - | 28.1 |
| | DAY-HR | 17-01 | 21-00 | 07-03 | 23-23 | 25-04 | 26-02 | 12-04 | 31-03 | 02-04 | - | - | - | AUG |
| | MINIMUM | 22.0 | 20.4 | 21.2 | 21.9 | 22.3 | 22.4 | 23.7 | 23.6 | 24.7 | - | - | - | 20.4 |
| | DAY-HR | 27-12 | 05-13 | 24-02 | 08-19 | 29-19 | 20-22 | 12-21 | 14-15 | 08-10 | - | - | - | FEB |
| | # OBS | 743 | 655 | 739 | 720 | 741 | 718 | 741 | 741 | 211 | - | - | - | 6009 |
| 1995 | MEAN | - | 23.7 | 24.7 | 24.5 | 24.9 | 25.3 | 26.1 | 26.2 | 26.3 | 26.0 | 25.5 | 25.2 | 25.5 |
| | MAXIMUM | - | 24.5 | 26.6 | 25.7 | 26.1 | 26.5 | 27.5 | 27.1 | 27.5 | 27.0 | 26.7 | 26.3 | 27.5 |
| | DAY-HR | - | 28-23 | 08-03 | 10-04 | 28-04 | 26-04 | 27-19 | 23-03 | 14-04 | 02-03 | 03-02 | 11-02 | SEP |
| | MINIMUM | - | 23.2 | 21.8 | 21.6 | 22.2 | 22.9 | 23.5 | 23.8 | 23.7 | 23.7 | 22.6 | 21.6 | 21.6 |
| | DAY-HR | - | 28-15 | 27-17 | 29-13 | 18-01 | 04-23 | 12-20 | 04-20 | 19-22 | 18-02 | 08-20 | 26-17 | DEC |
| | # OBS | - | 32 | 735 | 712 | 736 | 710 | 737 | 739 | 710 | 739 | 711 | 737 | 7298 |
| 1996 | MEAN | 25.0 | 24.0 | 24.0 | 24.7 | 25.8 | 25.8 | 25.8 | 26.1 | 26.2 | 26.0 | 25.8 | 24.8 | 25.3 |
| | MAXIMUM | 26.9 | 26.7 | 25.8 | 25.7 | 28.2 | 26.8 | 26.9 | 27.2 | 27.0 | 27.0 | 26.9 | 26.1 | 28.2 |

| | | | | | | | | | | | | | | |
|------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| | DAY-HR | 07-03 | 11-03 | 05-03 | 25-04 | 10-04 | 11-03 | 30-22 | 24-23 | 03-01 | 04-03 | 09-01 | 31-20 | MAY |
| | MINIMUM | 22.5 | 21.4 | 21.2 | 22.4 | 22.4 | 23.0 | 23.5 | 22.7 | 23.9 | 23.1 | 23.0 | 20.7 | 20.7 |
| | DAY-HR | 30-14 | 25-14 | 27-20 | 22-22 | 01-16 | 05-13 | 02-18 | 16-15 | 13-15 | 31-14 | 29-14 | 22-20 | DEC |
| | # OBS | 736 | 687 | 737 | 734 | 736 | 716 | 838 | 789 | 719 | 733 | 691 | 735 | 8851 |
| 1997 | MEAN | 24.8 | 24.2 | 24.3 | 24.3 | 24.9 | 25.4 | 25.6 | 26.2 | 26.4 | 26.0 | 25.5 | 24.1 | 25.2 |
| | MAXIMUM | 26.2 | 25.2 | 25.8 | 25.0 | 26.8 | 26.4 | 26.7 | 27.1 | 27.4 | 27.0 | 27.2 | 25.4 | 27.4 |
| | DAY-HR | 01-03 | 07-03 | 18-18 | 30-03 | 26-04 | 29-19 | 30-07 | 30-03 | 14-03 | 07-02 | 09-20 | 02-08 | SEP |
| | MINIMUM | 21.8 | 18.4 | 20.7 | 21.9 | 22.6 | 22.4 | 22.1 | 24.2 | 24.1 | 23.1 | 22.9 | 21.9 | 18.4 |
| | DAY-HR | 17-22 | 25-16 | 10-14 | 26-23 | 16-10 | 21-16 | 02-12 | 04-16 | 26-13 | 19-15 | 16-12 | 05-16 | FEB |
| | # OBS | 737 | 653 | 733 | 709 | 733 | 710 | 728 | 734 | 715 | 737 | 703 | 738 | 8630 |
| 1998 | MEAN | - | - | - | - | 24.0 | 24.4 | 24.9 | 25.7 | 25.8 | 25.6 | 25.3 | 24.2 | 25.1 |
| | MAXIMUM | - | - | - | - | 28.2 | 25.2 | 26.0 | 27.0 | 27.1 | 26.9 | 26.6 | 25.2 | 28.2 |
| | DAY-HR | - | - | - | - | 30-00 | 29-04 | 28-03 | 11-02 | 09-03 | 02-20 | 09-00 | 15-21 | MAY |
| | MINIMUM | - | - | - | - | 22.5 | 21.5 | 22.8 | 23.0 | 23.2 | 22.6 | 22.6 | 20.3 | 20.3 |
| | DAY-HR | - | - | - | - | 30-03 | 12-08 | 11-17 | 16-01 | 11-17 | 31-11 | 30-22 | 16-22 | DEC |
| | # OBS | - | - | - | - | 48 | 692 | 739 | 789 | 704 | 739 | 708 | 737 | 5156 |
| 1999 | MEAN | 23.8 | 23.4 | 23.2 | - | - | - | - | - | 24.7 | 24.7 | 24.2 | 24.0 | 23.9 |
| | MAXIMUM | 25.4 | 24.5 | 24.5 | - | - | - | - | - | 25.3 | 25.3 | 25.3 | 25.0 | 25.4 |
| | DAY-HR | 10-02 | 27-19 | 03-03 | - | - | - | - | - | 26-03 | 21-02 | 05-01 | 12-22 | JAN |
| | MINIMUM | 21.5 | 21.1 | 20.2 | - | - | - | - | - | 23.8 | 21.5 | 21.7 | 21.3 | 20.2 |
| | DAY-HR | 26-18 | 28-16 | 16-16 | - | - | - | - | - | 27-16 | 17-19 | 13-11 | 19-01 | MAR |
| | # OBS | 739 | 660 | 669 | - | - | - | - | - | 156 | 684 | 649 | 733 | 4290 |
| 2000 | MEAN | 23.2 | 23.1 | 22.9 | 22.8 | 23.6 | 24.4 | 25.1 | 25.5 | 25.5 | 25.5 | 25.0 | 24.2 | 24.2 |
| | MAXIMUM | 25.3 | 23.8 | 23.9 | 23.7 | 24.4 | 25.4 | 26.8 | 26.6 | 26.6 | 26.6 | 26.6 | 25.0 | 26.8 |
| | DAY-HR | 01-02 | 24-22 | 17-00 | 28-21 | 29-21 | 26-01 | 31-20 | 09-22 | 30-23 | 19-04 | 03-00 | 20-03 | JUL |
| | MINIMUM | 20.4 | 21.5 | 20.3 | 20.6 | 21.6 | 22.2 | 22.7 | 23.5 | 22.1 | 21.5 | 22.9 | 21.9 | 20.3 |
| | DAY-HR | 18-13 | 21-19 | 31-07 | 17-19 | 10-01 | 16-16 | 04-02 | 03-17 | 14-17 | 31-04 | 17-02 | 31-14 | MAR |
| | # OBS | 716 | 681 | 733 | 694 | 724 | 704 | 738 | 722 | 703 | 735 | 709 | 739 | 8598 |
| 2001 | MEAN | 23.7 | 23.2 | 23.0 | 23.1 | 23.4 | 24.0 | 24.6 | 25.3 | 25.6 | 25.7 | 25.4 | 24.6 | 24.3 |
| | MAXIMUM | 25.0 | 24.5 | 24.6 | 24.2 | 24.5 | 25.1 | 25.4 | 26.4 | 26.7 | 26.8 | 26.6 | 26.0 | 26.8 |
| | DAY-HR | 03-03 | 08-02 | 25-21 | 02-03 | 30-02 | 29-22 | 15-23 | 28-19 | 16-02 | 05-01 | 28-03 | 27-01 | OCT |
| | MINIMUM | 21.5 | 21.2 | 20.1 | 19.9 | 21.2 | 22.0 | 22.5 | 23.5 | 23.6 | 23.5 | 23.5 | 22.2 | 19.9 |
| | DAY-HR | 28-08 | 21-14 | 02-15 | 15-06 | 28-18 | 11-16 | 29-11 | 05-09 | 06-20 | 18-14 | 30-13 | 13-08 | APR |
| | # OBS | 741 | 672 | 739 | 716 | 736 | 709 | 743 | 733 | 704 | 735 | 719 | 742 | 8689 |
| POR | MEAN | 23.9 | 23.5 | 23.6 | 23.8 | 24.4 | 24.9 | 25.5 | 26.0 | 26.1 | 25.9 | 25.4 | 24.5 | 24.9 |
| | MAXIMUM | 26.9 | 26.7 | 26.6 | 26.8 | 28.2 | 26.8 | 27.5 | 28.1 | 28.6 | 27.6 | 27.6 | 26.4 | 28.6 |
| | YEAR | 1996 | 1996 | 1995 | 1987 | 1998 | 1996 | 1995 | 1994 | 1993 | 1992 | 1992 | 1991 | SEP/1993 |
| | MINIMUM | 20.1 | 18.4 | 19.7 | 19.7 | 20.7 | 20.8 | 21.6 | 22.0 | 22.1 | 21.5 | 21.5 | 20.3 | 18.4 |
| | YEAR | 1990 | 1997 | 1990 | 1985 | 1987 | 1993 | 1993 | 1986 | 2000 | 2000 | 1985 | 1998 | FEB/1997 |
| | # OBS | 8612 | 8215 | 10257 | 9487 | 10077 | 9961 | 11189 | 11398 | 10543 | 10406 | 9988 | 10813 | 120946 |

STATION: 51004 -- POR (11/1984 - 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 | - | - | - | - | - | - | - | - | - | - | 25.8 | 24.9 | 25.3 |
| | MAXIMUM | - | - | - | - | - | - | - | - | - | - | 26.1 | 25.9 | 26.1 |
| | DAY-HR | - | - | - | - | - | - | - | - | - | - | 19-04 | 01-04 | NOV |
| | MINIMUM | - | - | - | - | - | - | - | - | - | - | 25.6 | 24.1 | 24.1 |
| | DAY-HR | - | - | - | - | - | - | - | - | - | - | 24-03 | 31-21 | DEC |
| | # OBS | - | - | - | - | - | - | - | - | - | - | 536 | 743 | 1279 |
| 1985 | MEAN | 24.1 | 23.8 | 23.1 | 24.6 | 24.8 | 25.0 | 25.7 | 26.1 | 26.4 | 26.3 | 26.3 | 26.3 | 25.2 |
| | MAXIMUM | 24.7 | 24.2 | 24.3 | 25.1 | 26.4 | 25.9 | 26.2 | 26.5 | 28.4 | 26.8 | 27.7 | 27.1 | 28.4 |
| | DAY-HR | 23-03 | 23-03 | 31-23 | 30-23 | 20-04 | 27-02 | 25-01 | 18-01 | 10-02 | 05-01 | 05-01 | 16-03 | SEP |
| | MINIMUM | 23.7 | 23.2 | 22.8 | 24.1 | 24.4 | 24.4 | 24.9 | 26.0 | 26.0 | 26.0 | 25.8 | 25.6 | 22.8 |
| | DAY-HR | 31-20 | 26-14 | 26-12 | 08-15 | 28-18 | 15-19 | 02-19 | 28-17 | 05-17 | 31-23 | 17-17 | 21-19 | MAR |
| | # OBS | 743 | 669 | 741 | 718 | 743 | 719 | 741 | 741 | 715 | 741 | 717 | 742 | 8730 |
| 1986 | MEAN | 25.5 | 25.3 | 25.4 | 25.3 | 26.0 | 26.1 | 26.2 | 26.9 | 27.5 | 27.3 | - | - | 26.1 |
| | MAXIMUM | 26.4 | 26.9 | 26.4 | 25.6 | 28.1 | 26.4 | 26.9 | 27.8 | 28.1 | 27.7 | - | - | 28.1 |
| | DAY-HR | 27-03 | 10-04 | 05-02 | 06-02 | 29-05 | 27-03 | 13-02 | 20-00 | 20-02 | 02-01 | - | - | SEP |
| | MINIMUM | 25.1 | 25.0 | 25.1 | 24.9 | 25.3 | 25.8 | 25.8 | 26.1 | 27.2 | 27.1 | - | - | 24.9 |
| | DAY-HR | 31-19 | 27-18 | 27-20 | 09-16 | 01-16 | 19-18 | 24-15 | 02-15 | 27-23 | 16-17 | - | - | APR |
| | # OBS | 742 | 667 | 738 | 720 | 739 | 718 | 744 | 742 | 717 | 394 | - | - | 6921 |
| 1987 | MEAN | - | - | - | 25.2 | 25.2 | 25.7 | 26.4 | 26.8 | 27.1 | 27.0 | 26.3 | 25.5 | 26.2 |
| | MAXIMUM | - | - | - | 28.4 | 27.0 | 26.3 | 27.2 | 27.5 | 27.9 | 27.5 | 26.8 | 26.0 | 28.4 |
| | DAY-HR | - | - | - | 24-02 | 18-01 | 03-03 | 27-02 | 31-23 | 22-01 | 02-02 | 17-01 | 05-01 | APR |
| | MINIMUM | - | - | - | 24.7 | 24.3 | 25.0 | 25.7 | 26.6 | 26.6 | 26.5 | 26.0 | 25.0 | 24.3 |
| | DAY-HR | - | - | - | 23-15 | 02-20 | 10-16 | 03-20 | 08-19 | 30-11 | 31-19 | 30-22 | 31-19 | MAY |

| | | | | | | | | | | | | | | |
|------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| | # OBS | - | - | - | 190 | 736 | 705 | 742 | 742 | 678 | 483 | 239 | 248 | 4763 |
| 1988 | MEAN | 25.1 | 25.1 | - | - | - | - | 25.7 | 26.1 | 26.9 | 26.8 | 26.5 | 25.5 | 26.2 |
| | MAXIMUM | 26.5 | 25.6 | - | - | - | - | 26.1 | 26.7 | 27.9 | 27.6 | 27.0 | 26.8 | 27.9 |
| | DAY-HR | 31-04 | 04-01 | - | - | - | - | 25-03 | 03-03 | 10-02 | 17-02 | 09-23 | 04-01 | SEP |
| | MINIMUM | 24.8 | 24.8 | - | - | - | - | 25.5 | 25.8 | 26.1 | 26.5 | 26.1 | 24.9 | 24.8 |
| | DAY-HR | 20-13 | 11-16 | - | - | - | - | 19-18 | 09-14 | 02-19 | 27-18 | 30-22 | 31-23 | FEB |
| | # OBS | 247 | 128 | - | - | - | - | 425 | 735 | 711 | 739 | 716 | 741 | 4442 |
| 1989 | MEAN | 24.4 | 24.5 | 24.9 | 24.9 | 25.8 | 26.0 | 25.8 | 26.2 | 26.3 | 26.2 | 26.1 | 26.0 | 25.4 |
| | MAXIMUM | 25.0 | 25.2 | 25.5 | 26.2 | 26.2 | 26.3 | 26.3 | 27.1 | 26.9 | 26.5 | 26.9 | 26.9 | 27.1 |
| | DAY-HR | 05-02 | 09-05 | 20-00 | 11-02 | 03-02 | 30-23 | 01-04 | 29-03 | 02-00 | 05-03 | 30-00 | 02-01 | AUG |
| | MINIMUM | 24.0 | 23.9 | 24.4 | 24.3 | 25.0 | 25.6 | 25.6 | 25.8 | 26.0 | 26.1 | 25.6 | 25.2 | 23.9 |
| | DAY-HR | 28-12 | 08-18 | 09-17 | 09-21 | 02-18 | 01-20 | 09-18 | 03-18 | 29-18 | 02-15 | 25-20 | 25-14 | FEB |
| | # OBS | 743 | 668 | 737 | 717 | 732 | 714 | 542 | 238 | 235 | 37 | 502 | 740 | 6605 |
| 1990 | MEAN | 24.7 | 24.0 | 24.0 | 24.7 | 24.9 | 25.3 | 25.9 | 26.6 | 26.7 | 26.5 | 26.5 | 25.5 | 25.5 |
| | MAXIMUM | 25.3 | 25.0 | 24.7 | 25.5 | 25.4 | 25.7 | 26.5 | 28.0 | 27.4 | 27.1 | 27.0 | 26.6 | 28.0 |
| | DAY-HR | 01-10 | 13-01 | 21-00 | 13-01 | 30-02 | 28-03 | 31-02 | 28-02 | 05-02 | 23-01 | 26-03 | 03-09 | AUG |
| | MINIMUM | 24.2 | 23.7 | 23.6 | 23.5 | 24.5 | 25.1 | 25.5 | 26.2 | 25.9 | 26.1 | 26.1 | 24.9 | 23.5 |
| | DAY-HR | 31-07 | 17-18 | 19-18 | 04-19 | 12-21 | 22-16 | 07-18 | 02-17 | 29-17 | 13-16 | 30-23 | 21-20 | APR |
| | # OBS | 742 | 670 | 744 | 710 | 734 | 713 | 732 | 734 | 716 | 740 | 718 | 707 | 8660 |
| 1991 | MEAN | - | 25.0 | 24.5 | 24.4 | 24.4 | - | 26.0 | 26.3 | 26.5 | 26.7 | 26.4 | 25.5 | 25.6 |
| | MAXIMUM | - | 25.7 | 25.5 | 24.7 | 24.9 | - | 26.5 | 27.0 | 27.9 | 27.5 | 27.4 | 26.1 | 27.9 |
| | DAY-HR | - | 24-03 | 01-02 | 29-03 | 20-01 | - | 24-03 | 25-04 | 20-02 | 14-01 | 01-03 | 06-21 | SEP |
| | MINIMUM | - | 24.7 | 24.1 | 24.1 | 23.9 | - | 25.3 | 25.6 | 26.1 | 26.2 | 25.8 | 24.7 | 23.9 |
| | DAY-HR | - | 22-17 | 19-20 | 12-20 | 03-19 | - | 26-15 | 02-16 | 19-18 | 24-19 | 30-21 | 31-09 | MAY |
| | # OBS | - | 230 | 744 | 713 | 457 | - | 523 | 738 | 715 | 688 | 239 | 248 | 5295 |
| 1992 | MEAN | 24.3 | 23.8 | 23.6 | 24.1 | 25.6 | 26.3 | 26.8 | 26.9 | 27.3 | 27.4 | 26.8 | 25.6 | 25.8 |
| | MAXIMUM | 25.2 | 25.9 | 23.9 | 26.9 | 27.2 | 26.7 | 27.7 | 27.6 | 28.8 | 28.6 | 27.5 | 26.4 | 28.8 |
| | DAY-HR | 18-00 | 27-00 | 03-03 | 25-05 | 25-03 | 03-03 | 21-02 | 16-02 | 03-02 | 08-02 | 03-03 | 01-06 | SEP |
| | MINIMUM | 23.9 | 23.1 | 23.3 | 23.4 | 24.1 | 25.8 | 26.4 | 26.6 | 26.7 | 27.0 | 26.4 | 25.1 | 23.1 |
| | DAY-HR | 27-18 | 15-19 | 28-18 | 07-17 | 02-18 | 21-07 | 02-19 | 12-18 | 21-18 | 31-23 | 30-23 | 31-21 | FEB |
| | # OBS | 246 | 504 | 742 | 718 | 743 | 719 | 742 | 738 | 716 | 743 | 715 | 739 | 8065 |
| 1993 | MEAN | 24.7 | 24.7 | 24.2 | 24.2 | 24.8 | 25.7 | 26.2 | 26.8 | 27.4 | 27.1 | 26.4 | 25.6 | 25.7 |
| | MAXIMUM | 26.0 | 25.6 | 25.3 | 25.0 | 26.0 | 26.0 | 26.8 | 28.4 | 28.6 | 27.4 | 27.8 | 26.2 | 28.6 |
| | DAY-HR | 31-01 | 01-03 | 14-23 | 09-03 | 20-01 | 29-02 | 24-03 | 18-23 | 29-03 | 02-02 | 03-02 | 04-18 | SEP |
| | MINIMUM | 23.8 | 24.0 | 23.7 | 23.8 | 24.0 | 25.4 | 25.4 | 26.3 | 27.1 | 26.8 | 25.6 | 25.1 | 23.7 |
| | DAY-HR | 18-15 | 28-18 | 19-17 | 18-18 | 12-11 | 21-21 | 02-18 | 08-20 | 08-17 | 19-17 | 29-16 | 26-12 | MAR |
| | # OBS | 736 | 638 | 725 | 714 | 738 | 712 | 734 | 737 | 718 | 738 | 716 | 744 | 8650 |
| 1994 | MEAN | 25.3 | 24.7 | 25.1 | 24.7 | 25.2 | 25.6 | 26.5 | 27.0 | 27.3 | 27.4 | 26.2 | 24.9 | 25.8 |
| | MAXIMUM | 26.2 | 26.2 | 26.0 | 25.1 | 25.8 | 26.3 | 27.2 | 28.5 | 29.0 | 27.9 | 27.0 | 25.6 | 29.0 |
| | DAY-HR | 18-01 | 21-01 | 02-03 | 28-03 | 14-03 | 30-23 | 16-02 | 31-04 | 30-04 | 09-01 | 02-03 | 01-04 | SEP |
| | MINIMUM | 24.3 | 23.9 | 24.4 | 24.3 | 24.6 | 25.0 | 26.1 | 26.4 | 27.0 | 26.9 | 25.4 | 24.3 | 23.9 |
| | DAY-HR | 31-22 | 10-11 | 28-19 | 09-15 | 03-21 | 13-19 | 04-17 | 03-18 | 21-18 | 31-16 | 29-18 | 31-23 | FEB |
| | # OBS | 743 | 655 | 741 | 720 | 741 | 718 | 741 | 741 | 709 | 736 | 713 | 739 | 8697 |
| 1995 | MEAN | 24.1 | 24.3 | 25.3 | 25.3 | 25.6 | 26.4 | 26.9 | 27.1 | 27.2 | 27.0 | 26.4 | 26.0 | 26.0 |
| | MAXIMUM | 24.9 | 25.6 | 26.8 | 25.9 | 26.6 | 27.6 | 27.9 | 27.5 | 28.7 | 27.4 | 26.8 | 26.8 | 28.7 |
| | DAY-HR | 31-04 | 11-02 | 09-01 | 13-05 | 29-02 | 26-01 | 20-03 | 21-02 | 14-03 | 17-01 | 21-01 | 10-01 | SEP |
| | MINIMUM | 23.9 | 23.8 | 24.6 | 24.8 | 24.9 | 26.0 | 26.3 | 26.8 | 26.9 | 26.3 | 26.0 | 25.7 | 23.8 |
| | DAY-HR | 30-18 | 16-18 | 01-18 | 29-18 | 01-19 | 20-14 | 02-17 | 10-17 | 10-19 | 30-16 | 18-21 | 20-20 | FEB |
| | # OBS | 737 | 666 | 735 | 712 | 736 | 710 | 737 | 739 | 710 | 739 | 711 | 737 | 8669 |
| 1996 | MEAN | 26.0 | 25.5 | 25.2 | 25.1 | - | - | - | - | - | - | - | - | 25.5 |
| | MAXIMUM | 27.2 | 27.5 | 27.4 | 26.0 | - | - | - | - | - | - | - | - | 27.5 |
| | DAY-HR | 07-04 | 11-04 | 22-01 | 07-03 | - | - | - | - | - | - | - | - | FEB |
| | MINIMUM | 22.4 | 24.2 | 21.6 | 19.8 | - | - | - | - | - | - | - | - | 19.8 |
| | DAY-HR | 26-21 | 02-15 | 30-18 | 22-18 | - | - | - | - | - | - | - | - | APR |
| | # OBS | 733 | 681 | 737 | 558 | - | - | - | - | - | - | - | - | 2709 |
| 1998 | MEAN | - | - | - | - | 24.6 | 25.0 | 25.7 | 26.3 | 26.9 | 26.6 | 26.2 | 25.0 | 25.9 |
| | MAXIMUM | - | - | - | - | 24.7 | 25.4 | 26.2 | 27.0 | 27.2 | 27.1 | 26.8 | 25.7 | 27.2 |
| | DAY-HR | - | - | - | - | 31-23 | 19-04 | 28-02 | 31-23 | 07-02 | 02-06 | 01-04 | 01-02 | SEP |
| | MINIMUM | - | - | - | - | 24.5 | 24.5 | 25.1 | 25.8 | 26.6 | 26.4 | 25.6 | 24.7 | 24.5 |
| | DAY-HR | - | - | - | - | 31-19 | 01-15 | 02-19 | 08-19 | 19-17 | 27-20 | 30-22 | 28-20 | JUN |
| | # OBS | - | - | - | - | 48 | 692 | 738 | 789 | 703 | 739 | 708 | 737 | 5154 |
| 1999 | MEAN | 24.7 | 24.2 | 24.1 | - | - | 24.6 | 24.8 | 25.4 | 25.5 | 25.3 | 25.0 | 24.7 | 24.8 |
| | MAXIMUM | 25.4 | 24.8 | 24.7 | - | - | 24.9 | 25.3 | 26.2 | 26.2 | 25.8 | 25.3 | 25.3 | 26.2 |
| | DAY-HR | 11-02 | 22-02 | 03-01 | - | - | 29-03 | 05-02 | 31-23 | 01-04 | 16-01 | 11-02 | 23-01 | SEP |
| | MINIMUM | 23.9 | 23.8 | 23.6 | - | - | 24.5 | 24.5 | 24.9 | 25.1 | 25.1 | 24.5 | 24.3 | 23.6 |
| | DAY-HR | 29-15 | 18-16 | 27-07 | - | - | 30-18 | 19-17 | 01-17 | 27-17 | 20-21 | 30-21 | 09-22 | MAR |
| | # OBS | 739 | 660 | 669 | - | - | 304 | 731 | 731 | 275 | 684 | 649 | 733 | 6175 |
| 2000 | MEAN | 24.2 | 24.0 | 23.6 | 23.6 | 24.4 | 25.2 | 25.6 | 26.2 | 26.2 | 26.2 | 26.0 | 25.1 | 25.0 |
| | MAXIMUM | 25.3 | 24.6 | 24.3 | 24.5 | 25.0 | 26.6 | 27.2 | 27.6 | 26.9 | 26.6 | 26.6 | 25.3 | 27.6 |
| | DAY-HR | 01-04 | 15-03 | 10-02 | 09-02 | 31-23 | 20-03 | 31-23 | 01-01 | 27-03 | 31-23 | 10-01 | 25-03 | AUG |
| | MINIMUM | 23.7 | 23.7 | 23.0 | 23.4 | 23.7 | 24.6 | 25.3 | 25.8 | 25.8 | 25.8 | 25.3 | 24.6 | 23.0 |
| | DAY-HR | 30-18 | 04-17 | 03-16 | 16-19 | 03-19 | 01-18 | 18-19 | 31-20 | 03-18 | 18-18 | 30-23 | 27-11 | MAR |

| | # OBS | 716 | 681 | 733 | 694 | 724 | 701 | 731 | 717 | 697 | 734 | 707 | 739 | 8574 |
|------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| 2001 | MEAN | 24.5 | 24.1 | 24.0 | 24.0 | 24.2 | 24.7 | 25.3 | 25.9 | 26.3 | 26.6 | 26.1 | 25.5 | 25.1 |
| | MAXIMUM | 25.3 | 25.0 | 24.6 | 24.3 | 24.6 | 25.3 | 26.5 | 26.6 | 27.1 | 27.4 | 26.6 | 27.2 | 27.4 |
| | DAY-HR | 03-04 | 07-02 | 21-01 | 16-02 | 31-23 | 30-04 | 28-01 | 13-03 | 30-23 | 04-02 | 30-06 | 27-00 | OCT |
| | MINIMUM | 24.2 | 23.7 | 23.7 | 23.5 | 23.7 | 24.3 | 25.1 | 25.3 | 26.1 | 25.9 | 25.9 | 25.0 | 23.5 |
| | DAY-HR | 31-20 | 23-19 | 19-18 | 24-21 | 04-16 | 04-18 | 30-17 | 04-20 | 24-11 | 31-20 | 21-19 | 25-20 | APR |
| | # OBS | 741 | 671 | 739 | 713 | 734 | 708 | 743 | 729 | 695 | 735 | 719 | 742 | 8669 |
| POR | MEAN | 24.7 | 24.5 | 24.4 | 24.6 | 25.1 | 25.6 | 26.0 | 26.5 | 26.8 | 26.7 | 26.2 | 25.4 | 25.6 |
| | MAXIMUM | 27.2 | 27.5 | 27.4 | 28.4 | 28.1 | 27.6 | 27.9 | 28.5 | 29.0 | 28.6 | 27.8 | 27.2 | 29.0 |
| | YEAR | 1996 | 1996 | 1996 | 1987 | 1986 | 1995 | 1994 | 1994 | 1994 | 1992 | 1993 | 2001 | SEP/1994 |
| | MINIMUM | 22.4 | 23.1 | 21.6 | 19.8 | 23.7 | 24.3 | 24.5 | 24.9 | 25.1 | 25.1 | 24.5 | 24.1 | 19.8 |
| | YEAR | 1996 | 1992 | 1996 | 1996 | 2001 | 2001 | 1999 | 1999 | 1999 | 1999 | 1999 | 1984 | APR/1996 |
| | # OBS | 8608 | 8188 | 9525 | 8597 | 8605 | 8833 | 10346 | 10591 | 9710 | 9670 | 9305 | 10079 | 112057 |

STATION: 51004 -- POR (11/1984 - 12/2001)

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

ELEMENT: SEA LEVEL PRESSURE (MILLIBARS)

| YEAR | ELEMENT | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN |
|------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1984 | MEAN | - | - | - | - | - | - | - | - | - | - | 1015.1 | 1013.4 | 1014.1 |
| | MAXIMUM | - | - | - | - | - | - | - | - | - | - | 1018.7 | 1019.6 | 1019.6 |
| | DAY-HR | - | - | - | - | - | - | - | - | - | - | 23-20 | 10-19 | DEC |
| | MINIMUM | - | - | - | - | - | - | - | - | - | - | 1010.6 | 1008.9 | 1008.9 |
| | DAY-HR | - | - | - | - | - | - | - | - | - | - | 13-02 | 16-01 | DEC |
| | # OBS | - | - | - | - | - | - | - | - | - | - | 536 | 743 | 1279 |
| 1985 | MEAN | 1014.6 | 1013.6 | 1014.8 | 1014.8 | 1015.1 | 1014.7 | 1014.0 | 1013.5 | 1012.6 | 1012.7 | 1011.3 | 1013.6 | 1013.8 |
| | MAXIMUM | 1019.2 | 1016.9 | 1020.8 | 1018.5 | 1019.1 | 1018.4 | 1017.3 | 1016.9 | 1016.6 | 1016.6 | 1014.8 | 1018.1 | 1020.8 |
| | DAY-HR | 20-20 | 22-20 | 20-20 | 20-09 | 10-21 | 04-09 | 20-09 | 20-09 | 01-08 | 09-19 | 12-08 | 28-20 | MAR |
| | MINIMUM | 1005.8 | 1007.8 | 1008.0 | 1009.6 | 1009.8 | 1011.1 | 1010.1 | 1010.5 | 1008.3 | 1007.7 | 1003.9 | 1007.4 | 1003.9 |
| | DAY-HR | 15-02 | 27-02 | 05-15 | 06-14 | 19-15 | 14-02 | 25-14 | 17-03 | 07-14 | 17-02 | 28-01 | 17-01 | NOV |
| | # OBS | 743 | 669 | 741 | 718 | 743 | 719 | 741 | 741 | 715 | 741 | 717 | 742 | 8730 |
| 1986 | MEAN | 1013.4 | 1013.1 | 1015.1 | 1014.4 | 1014.5 | 1014.2 | 1013.7 | 1012.3 | 1011.8 | 1013.0 | - | - | 1013.6 |
| | MAXIMUM | 1018.5 | 1018.2 | 1020.7 | 1017.7 | 1017.8 | 1017.0 | 1017.1 | 1015.3 | 1014.8 | 1015.8 | - | - | 1020.7 |
| | DAY-HR | 13-19 | 02-20 | 07-20 | 03-19 | 25-09 | 04-09 | 07-08 | 21-21 | 01-09 | 10-19 | - | - | MAR |
| | MINIMUM | 1007.7 | 1006.9 | 1009.6 | 1010.1 | 1010.3 | 1011.5 | 1000.6 | 1009.5 | 1009.1 | 1009.7 | - | - | 1000.6 |
| | DAY-HR | 25-02 | 13-02 | 04-02 | 09-14 | 08-14 | 03-03 | 22-23 | 20-02 | 18-01 | 07-02 | - | - | JUL |
| | # OBS | 742 | 667 | 738 | 720 | 739 | 718 | 744 | 742 | 717 | 395 | - | - | 6922 |
| 1987 | MEAN | - | - | - | 1015.7 | 1014.4 | 1015.6 | 1014.3 | 1013.7 | 1014.1 | 1014.4 | 1014.9 | 1014.7 | 1014.5 |
| | MAXIMUM | - | - | - | 1021.5 | 1021.5 | 1019.6 | 1017.6 | 1018.1 | 1017.5 | 1018.1 | 1019.7 | 1020.5 | 1021.5 |
| | DAY-HR | - | - | - | 30-20 | 01-09 | 20-08 | 26-09 | 24-10 | 15-19 | 03-19 | 12-19 | 07-19 | MAY |
| | MINIMUM | - | - | - | 1009.9 | 1009.5 | 1011.2 | 1011.0 | 1010.0 | 1010.5 | 1010.7 | 1009.9 | 1007.6 | 1007.6 |
| | DAY-HR | - | - | - | 23-02 | 10-03 | 03-03 | 14-03 | 07-03 | 10-03 | 17-01 | 15-13 | 18-01 | DEC |
| | # OBS | - | - | - | 190 | 737 | 708 | 742 | 538 | 637 | 483 | 239 | 248 | 4522 |
| 1988 | MEAN | 1015.0 | 1015.0 | - | - | - | - | 1016.2 | 1014.7 | 1014.2 | 1013.9 | 1015.2 | 1015.7 | 1014.9 |
| | MAXIMUM | 1020.4 | 1018.0 | - | - | - | - | 1019.1 | 1018.1 | 1017.6 | 1018.6 | 1018.9 | 1020.0 | 1020.4 |
| | DAY-HR | 16-19 | 02-19 | - | - | - | - | 27-09 | 18-21 | 17-08 | 12-20 | 11-20 | 28-20 | JAN |
| | MINIMUM | 1008.2 | 1012.0 | - | - | - | - | 1013.2 | 1010.7 | 1010.5 | 1010.9 | 1009.5 | 1010.0 | 1008.2 |
| | DAY-HR | 02-01 | 01-01 | - | - | - | - | 20-03 | 31-14 | 01-02 | 21-01 | 05-02 | 18-02 | JAN |
| | # OBS | 248 | 131 | - | - | - | - | 426 | 737 | 712 | 739 | 717 | 741 | 4451 |
| 1989 | MEAN | 1015.7 | 1015.7 | 1016.0 | 1014.6 | 1016.4 | 1016.7 | 1015.8 | 1015.2 | 1014.1 | 1013.9 | 1013.6 | 1014.0 | 1015.4 |
| | MAXIMUM | 1020.4 | 1020.5 | 1020.8 | 1018.9 | 1019.3 | 1020.0 | 1019.0 | 1017.9 | 1017.7 | 1016.6 | 1019.8 | 1019.1 | 1020.8 |
| | DAY-HR | 01-20 | 12-19 | 21-21 | 01-21 | 09-08 | 17-09 | 27-09 | 21-09 | 18-21 | 05-09 | 23-20 | 03-08 | MAR |
| | MINIMUM | 1011.4 | 1008.1 | 1005.0 | 1009.5 | 1012.5 | 1013.7 | 1011.0 | 1012.5 | 1011.7 | 1011.6 | 1009.3 | 1006.7 | 1005.0 |
| | DAY-HR | 30-01 | 28-23 | 01-02 | 08-14 | 02-03 | 22-03 | 19-13 | 23-03 | 30-03 | 01-15 | 12-02 | 12-01 | MAR |
| | # OBS | 743 | 668 | 738 | 717 | 733 | 715 | 543 | 239 | 236 | 37 | 502 | 740 | 6611 |
| 1990 | MEAN | 1013.2 | 1015.8 | 1016.5 | 1015.8 | 1016.1 | 1016.1 | 1015.4 | 1014.8 | 1014.1 | 1015.1 | 1014.0 | 1014.9 | 1015.1 |
| | MAXIMUM | 1019.4 | 1022.0 | 1022.1 | 1020.0 | 1020.5 | 1019.9 | 1019.1 | 1018.7 | 1017.9 | 1019.0 | 1017.8 | 1021.0 | 1022.1 |
| | DAY-HR | 12-20 | 07-21 | 28-21 | 20-20 | 29-09 | 22-09 | 06-20 | 02-09 | 05-20 | 28-19 | 30-20 | 10-20 | MAR |
| | MINIMUM | 1006.2 | 1009.2 | 1009.5 | 1011.3 | 1012.1 | 1012.8 | 1011.7 | 1011.4 | 999.9 | 1011.4 | 1008.6 | 1008.9 | 999.9 |
| | DAY-HR | 25-01 | 12-02 | 02-01 | 10-02 | 08-03 | 30-03 | 25-14 | 28-02 | 18-04 | 06-02 | 25-01 | 25-12 | SEP |
| | # OBS | 742 | 671 | 744 | 710 | 736 | 713 | 732 | 736 | 714 | 740 | 719 | 707 | 8664 |
| 1991 | MEAN | - | 1012.5 | 1016.0 | 1016.3 | 1016.5 | - | 1014.4 | 1013.7 | 1012.4 | 1012.0 | 1013.3 | 1014.0 | 1014.2 |
| | MAXIMUM | - | 1016.1 | 1020.2 | 1020.6 | 1020.3 | - | 1016.5 | 1017.2 | 1016.7 | 1015.8 | 1016.9 | 1019.0 | 1020.6 |
| | DAY-HR | - | 19-06 | 05-21 | 06-08 | 17-09 | - | 28-21 | 26-08 | 04-08 | 04-08 | 05-09 | 27-21 | APR |
| | MINIMUM | - | 1009.2 | 1010.7 | 1012.1 | 1011.7 | - | 1011.7 | 1008.6 | 1007.9 | 1007.7 | 1006.1 | 1008.6 | 1006.1 |
| | DAY-HR | - | 24-01 | 10-01 | 20-14 | 05-01 | - | 23-03 | 07-14 | 20-03 | 23-02 | 29-00 | 01-00 | NOV |
| | # OBS | - | 231 | 744 | 714 | 457 | - | 523 | 738 | 716 | 690 | 239 | 248 | 5300 |
| 1992 | MEAN | 1014.7 | 1014.1 | 1016.2 | 1014.1 | 1013.5 | 1013.5 | 1013.1 | 1013.4 | 1010.8 | 1012.3 | 1012.2 | 1013.1 | 1013.3 |

| | | | | | | | | | | | | | | |
|------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----------|
| | MAXIMUM | 1019.4 | 1018.5 | 1020.7 | 1020.0 | 1017.4 | 1016.7 | 1016.9 | 1016.6 | 1015.5 | 1016.3 | 1016.9 | 1019.6 | 1020.7 |
| | DAY-HR | 24-21 | 01-09 | 18-20 | 29-09 | 26-20 | 15-09 | 24-19 | 02-09 | 13-09 | 24-20 | 16-07 | 07-19 | MAR |
| | MINIMUM | 1009.3 | 1009.3 | 1012.4 | 1008.0 | 1010.2 | 1010.1 | 1009.6 | 1009.2 | 1007.3 | 1008.4 | 1007.8 | 1006.4 | 1006.4 |
| | DAY-HR | 17-00 | 16-01 | 02-02 | 26-01 | 06-03 | 21-16 | 17-03 | 25-02 | 27-14 | 31-01 | 25-01 | 13-14 | DEC |
| | # OBS | 246 | 504 | 742 | 718 | 743 | 719 | 742 | 739 | 716 | 743 | 715 | 739 | 8066 |
| 1993 | MEAN | 1012.5 | 1014.7 | 1015.8 | 1016.0 | 1015.3 | 1014.5 | 1013.8 | 1013.3 | 1013.2 | 1012.2 | 1015.2 | 1016.0 | 1014.4 |
| | MAXIMUM | 1019.5 | 1020.5 | 1021.2 | 1020.6 | 1019.7 | 1016.7 | 1017.1 | 1017.0 | 1017.1 | 1017.5 | 1019.2 | 1019.3 | 1021.2 |
| | DAY-HR | 17-08 | 23-20 | 21-20 | 12-19 | 26-09 | 25-20 | 15-19 | 07-09 | 04-20 | 31-20 | 30-20 | 22-19 | MAR |
| | MINIMUM | 1004.8 | 1008.4 | 1006.1 | 1012.0 | 1009.8 | 1011.6 | 1010.2 | 1008.8 | 1008.9 | 1006.7 | 1011.4 | 1010.8 | 1004.8 |
| | DAY-HR | 06-01 | 14-02 | 15-01 | 06-02 | 14-02 | 10-14 | 09-13 | 16-14 | 02-02 | 26-01 | 14-01 | 19-01 | JAN |
| | # OBS | 736 | 639 | 726 | 715 | 738 | 711 | 734 | 737 | 718 | 738 | 716 | 744 | 8652 |
| 1994 | MEAN | 1015.5 | 1014.9 | 1016.7 | 1017.3 | 1016.9 | 1016.1 | 1014.5 | 1014.4 | 1013.6 | 1014.0 | 1015.9 | 1017.6 | 1015.6 |
| | MAXIMUM | 1021.7 | 1022.3 | 1021.8 | 1020.8 | 1019.8 | 1019.0 | 1017.7 | 1018.1 | 1017.5 | 1018.1 | 1021.0 | 1022.4 | 1022.4 |
| | DAY-HR | 31-19 | 01-20 | 30-10 | 24-08 | 26-09 | 11-20 | 15-20 | 05-09 | 21-08 | 08-20 | 26-19 | 25-20 | DEC |
| | MINIMUM | 1010.7 | 1008.5 | 1005.1 | 1013.3 | 1013.7 | 1012.1 | 1011.1 | 1008.8 | 1009.9 | 1009.2 | 1009.9 | 1013.6 | 1005.1 |
| | DAY-HR | 26-01 | 20-00 | 25-01 | 16-03 | 09-03 | 25-03 | 24-01 | 11-18 | 28-01 | 03-02 | 11-23 | 05-02 | MAR |
| | # OBS | 743 | 655 | 741 | 720 | 741 | 718 | 740 | 741 | 709 | 736 | 713 | 739 | 8696 |
| 1995 | MEAN | 1017.3 | 1015.6 | 1015.9 | 1015.7 | 1016.8 | 1016.6 | 1015.5 | 1015.4 | 1015.1 | 1014.4 | 1014.7 | 1016.3 | 1015.8 |
| | MAXIMUM | 1022.6 | 1019.4 | 1021.7 | 1022.0 | 1020.5 | 1019.5 | 1018.4 | 1018.9 | 1018.5 | 1018.4 | 1018.2 | 1020.1 | 1022.6 |
| | DAY-HR | 05-20 | 19-21 | 19-21 | 18-08 | 06-09 | 11-08 | 22-09 | 09-09 | 05-19 | 16-20 | 18-20 | 14-20 | JAN |
| | MINIMUM | 1013.0 | 1011.3 | 1006.9 | 1010.4 | 1012.9 | 1012.1 | 1011.4 | 1011.9 | 1011.3 | 1010.6 | 1011.0 | 1011.5 | 1006.9 |
| | DAY-HR | 12-01 | 14-03 | 04-02 | 28-14 | 27-02 | 27-03 | 19-15 | 07-02 | 12-02 | 30-01 | 02-01 | 06-01 | MAR |
| | # OBS | 737 | 666 | 735 | 712 | 736 | 710 | 737 | 739 | 710 | 739 | 711 | 737 | 8669 |
| 1996 | MEAN | 1014.4 | 1014.6 | 1015.1 | 1016.5 | 1016.2 | 1016.0 | 1015.4 | 1014.8 | 1013.5 | 1014.0 | 1013.2 | 1013.0 | 1014.7 |
| | MAXIMUM | 1019.4 | 1019.6 | 1023.5 | 1020.8 | 1019.7 | 1020.5 | 1018.6 | 1018.2 | 1016.4 | 1017.6 | 1018.8 | 1019.0 | 1023.5 |
| | DAY-HR | 15-19 | 16-21 | 12-09 | 20-20 | 23-08 | 26-08 | 11-21 | 25-08 | 25-08 | 23-08 | 29-09 | 05-20 | MAR |
| | MINIMUM | 1007.7 | 1008.4 | 1006.1 | 1011.2 | 1011.5 | 1012.2 | 1012.3 | 1011.3 | 1010.3 | 1009.2 | 1008.0 | 1005.5 | 1005.5 |
| | DAY-HR | 31-13 | 01-01 | 04-15 | 30-14 | 01-03 | 09-03 | 05-03 | 31-15 | 06-02 | 31-01 | 16-02 | 23-01 | DEC |
| | # OBS | 736 | 687 | 737 | 734 | 736 | 716 | 838 | 789 | 719 | 733 | 691 | 735 | 8851 |
| 1997 | MEAN | 1014.3 | 1014.8 | 1015.1 | 1016.3 | 1014.0 | 1015.3 | 1014.3 | 1014.4 | 1013.9 | 1014.2 | 1014.8 | 1016.1 | 1014.8 |
| | MAXIMUM | 1020.0 | 1020.1 | 1021.1 | 1020.3 | 1017.5 | 1018.7 | 1017.9 | 1017.9 | 1017.9 | 1017.5 | 1019.0 | 1021.1 | 1021.1 |
| | DAY-HR | 18-19 | 09-20 | 19-21 | 21-20 | 01-19 | 02-08 | 31-09 | 01-09 | 27-08 | 16-08 | 12-20 | 14-20 | DEC |
| | MINIMUM | 1008.6 | 1003.3 | 1008.6 | 1011.4 | 1010.0 | 1011.2 | 1011.1 | 1010.8 | 1009.4 | 1010.9 | 1008.9 | 1011.0 | 1003.3 |
| | DAY-HR | 01-00 | 25-14 | 12-02 | 10-01 | 18-14 | 23-03 | 15-02 | 31-02 | 14-02 | 27-02 | 20-01 | 02-01 | FEB |
| | # OBS | 737 | 654 | 733 | 709 | 733 | 710 | 728 | 734 | 715 | 737 | 703 | 738 | 8631 |
| 1998 | MEAN | - | - | - | - | 1018.8 | 1017.4 | 1017.0 | 1015.9 | 1015.1 | 1015.9 | 1016.1 | 1017.6 | 1016.5 |
| | MAXIMUM | - | - | - | - | 1020.6 | 1020.7 | 1020.9 | 1018.5 | 1017.8 | 1020.4 | 1020.6 | 1021.7 | 1021.7 |
| | DAY-HR | - | - | - | - | 30-09 | 08-09 | 05-19 | 31-08 | 25-08 | 24-20 | 29-19 | 06-08 | DEC |
| | MINIMUM | - | - | - | - | 1016.8 | 1014.9 | 1013.2 | 1012.5 | 1012.1 | 1012.2 | 1011.2 | 1012.6 | 1011.2 |
| | DAY-HR | - | - | - | - | 31-23 | 28-04 | 21-03 | 16-03 | 29-01 | 08-02 | 17-03 | 17-01 | NOV |
| | # OBS | - | - | - | - | 48 | 692 | 738 | 790 | 704 | 738 | 708 | 737 | 5155 |
| 1999 | MEAN | 1016.5 | 1018.5 | 1017.2 | - | - | 1016.0 | 1016.0 | 1015.9 | 1015.1 | 1014.9 | 1015.4 | 1014.7 | 1016.1 |
| | MAXIMUM | 1020.7 | 1022.3 | 1020.6 | - | - | 1018.2 | 1018.5 | 1020.3 | 1018.5 | 1018.3 | 1019.6 | 1019.2 | 1022.3 |
| | DAY-HR | 12-19 | 15-20 | 22-20 | - | - | 18-20 | 30-09 | 21-20 | 06-21 | 26-08 | 30-20 | 01-08 | FEB |
| | MINIMUM | 1011.5 | 1014.4 | 1014.6 | - | - | 1013.5 | 1013.5 | 1010.2 | 1011.8 | 1010.1 | 1011.7 | 1009.0 | 1009.0 |
| | DAY-HR | 05-02 | 12-02 | 03-01 | - | - | 24-02 | 05-02 | 15-16 | 28-02 | 19-01 | 28-01 | 31-01 | DEC |
| | # OBS | 739 | 660 | 669 | - | - | 304 | 730 | 731 | 291 | 685 | 649 | 733 | 6191 |
| 2000 | MEAN | 1015.8 | 1017.8 | 1017.5 | 1017.4 | 1016.3 | 1014.7 | 1014.6 | 1013.5 | 1013.2 | 1013.2 | 1014.0 | 1015.0 | 1015.2 |
| | MAXIMUM | 1021.1 | 1021.2 | 1020.9 | 1021.0 | 1019.5 | 1018.1 | 1017.7 | 1017.1 | 1016.2 | 1016.2 | 1017.3 | 1019.2 | 1021.2 |
| | DAY-HR | 28-08 | 24-20 | 02-20 | 14-20 | 20-19 | 05-20 | 20-09 | 07-20 | 28-20 | 31-11 | 29-19 | 15-19 | FEB |
| | MINIMUM | 1010.4 | 1014.1 | 1012.8 | 1013.3 | 1012.8 | 1011.0 | 1011.6 | 1008.7 | 1009.6 | 1010.0 | 1009.9 | 1011.6 | 1008.7 |
| | DAY-HR | 13-02 | 07-01 | 30-02 | 08-02 | 30-14 | 25-02 | 26-03 | 29-02 | 05-03 | 12-02 | 11-02 | 28-02 | AUG |
| | # OBS | 716 | 681 | 733 | 694 | 724 | 702 | 733 | 719 | 699 | 734 | 711 | 739 | 8585 |
| 2001 | MEAN | 1016.8 | 1014.6 | 1016.7 | 1016.8 | 1016.2 | 1014.7 | 1014.7 | 1014.2 | 1013.5 | 1013.4 | 1014.0 | 1014.2 | 1015.0 |
| | MAXIMUM | 1022.0 | 1019.6 | 1020.5 | 1020.1 | 1018.9 | 1018.1 | 1018.9 | 1018.7 | 1016.5 | 1018.7 | 1018.7 | 1018.9 | 1022.0 |
| | DAY-HR | 22-20 | 18-20 | 26-20 | 18-20 | 21-19 | 08-20 | 14-20 | 02-21 | 18-08 | 30-08 | 10-20 | 21-20 | JAN |
| | MINIMUM | 1009.6 | 1008.7 | 1011.8 | 1012.6 | 1012.5 | 1011.0 | 1011.3 | 1010.9 | 1010.9 | 1009.4 | 1008.2 | 1009.0 | 1008.2 |
| | DAY-HR | 02-02 | 07-02 | 24-01 | 25-03 | 07-02 | 25-03 | 02-03 | 26-14 | 30-03 | 15-02 | 27-00 | 30-01 | NOV |
| | # OBS | 741 | 672 | 739 | 716 | 736 | 709 | 743 | 730 | 700 | 735 | 719 | 742 | 8682 |
| POR | MEAN | 1015.0 | 1015.2 | 1016.0 | 1015.8 | 1015.6 | 1015.5 | 1014.8 | 1014.3 | 1013.5 | 1013.7 | 1014.3 | 1015.0 | 1014.8 |
| | MAXIMUM | 1022.6 | 1022.3 | 1023.5 | 1022.0 | 1021.5 | 1020.7 | 1020.9 | 1020.3 | 1018.5 | 1020.4 | 1021.0 | 1022.4 | 1023.5 |
| | YEAR | 1995 | 1999 | 1996 | 1995 | 1987 | 1998 | 1998 | 1999 | 1999 | 1998 | 1994 | 1994 | MAR/1996 |
| | MINIMUM | 1004.8 | 1003.3 | 1005.0 | 1008.0 | 1009.5 | 1010.1 | 1000.6 | 1008.6 | 999.9 | 1006.7 | 1003.9 | 1005.5 | 999.9 |
| | YEAR | 1993 | 1997 | 1989 | 1992 | 1987 | 1992 | 1986 | 1991 | 1990 | 1993 | 1985 | 1996 | SEP/1990 |
| | # OBS | 9349 | 8855 | 10260 | 9487 | 10080 | 10264 | 11914 | 11920 | 11128 | 11143 | 10705 | 11552 | 126657 |

STATION: 51004 -- POR (11/1984 - 12/2001)

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

ELEMENT: AVERAGE WIND SPEED (KNOTS)

| YEAR | ELEMENT | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN |
|------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| 1984 | MEAN | - | - | - | - | - | - | - | - | - | - | 17.6 | 16.3 | 16.9 |
| | MAXIMUM | - | - | - | - | - | - | - | - | - | - | 26.0 | 29.0 | 29.0 |
| | DAY-HR | - | - | - | - | - | - | - | - | - | - | 08-16 | 10-03 | DEC |
| | MINIMUM | - | - | - | - | - | - | - | - | - | - | 8.6 | 4.5 | 4.5 |
| | DAY-HR | - | - | - | - | - | - | - | - | - | - | 30-06 | 29-06 | DEC |
| | # OBS | - | - | - | - | - | - | - | - | - | - | 536 | 742 | 1278 |
| 1985 | MEAN | 11.8 | 13.4 | 18.1 | 14.3 | 14.8 | 13.3 | 14.0 | 14.6 | 11.8 | 13.7 | 8.8 | 12.7 | 13.4 |
| | MAXIMUM | 22.2 | 23.1 | 29.0 | 22.9 | 24.1 | 20.4 | 25.1 | 24.9 | 22.4 | 22.4 | 27.6 | 24.7 | 29.0 |
| | DAY-HR | 07-11 | 28-22 | 07-16 | 20-10 | 28-13 | 19-04 | 25-23 | 07-22 | 19-02 | 07-12 | 16-06 | 31-06 | MAR |
| | MINIMUM | 0.2 | 0.0 | 6.2 | 0.2 | 0.0 | 6.8 | 3.5 | 5.4 | 0.0 | 4.9 | 0.0 | 0.0 | 0.0 |
| | DAY-HR | 17-16 | 27-12 | 12-11 | 08-18 | 20-10 | 30-15 | 02-17 | 23-17 | 12-03 | 04-23 | 26-21 | 15-23 | DEC |
| | # OBS | 742 | 669 | 741 | 718 | 743 | 719 | 741 | 741 | 714 | 741 | 717 | 742 | 8728 |
| 1986 | MEAN | 11.4 | 9.2 | 12.9 | 15.3 | 12.4 | 14.7 | 14.1 | 13.2 | 12.3 | 13.9 | - | - | 12.9 |
| | MAXIMUM | 22.0 | 23.5 | 23.3 | 26.0 | 25.3 | 23.3 | 50.3 | 19.8 | 19.8 | 21.6 | - | - | 50.3 |
| | DAY-HR | 01-07 | 16-20 | 13-18 | 09-08 | 12-02 | 21-11 | 22-23 | 12-08 | 08-11 | 16-11 | - | - | JUL |
| | MINIMUM | 0.0 | 0.0 | 0.4 | 3.9 | 0.0 | 3.5 | 1.2 | 0.8 | 3.1 | 8.4 | - | - | 0.0 |
| | DAY-HR | 30-10 | 10-03 | 03-00 | 19-02 | 29-13 | 02-22 | 25-15 | 18-18 | 27-22 | 11-03 | - | - | MAY |
| | # OBS | 742 | 667 | 738 | 720 | 739 | 717 | 744 | 742 | 718 | 395 | - | - | 6922 |
| 1987 | MEAN | - | - | - | 10.4 | 9.8 | 13.9 | 13.2 | 13.0 | 11.7 | 13.2 | 16.4 | 16.3 | 12.7 |
| | MAXIMUM | - | - | - | 22.2 | 25.7 | 22.4 | 21.0 | 22.9 | 21.0 | 21.6 | 24.9 | 23.3 | 25.7 |
| | DAY-HR | - | - | - | 28-18 | 08-06 | 17-00 | 21-07 | 02-11 | 15-00 | 29-13 | 27-22 | 26-19 | MAY |
| | MINIMUM | - | - | - | 0.0 | 0.2 | 2.1 | 3.9 | 4.5 | 0.0 | 0.0 | 3.7 | 8.6 | 0.0 |
| | DAY-HR | - | - | - | 24-15 | 17-17 | 03-20 | 07-15 | 31-05 | 30-16 | 30-04 | 16-07 | 31-07 | OCT |
| | # OBS | - | - | - | 190 | 737 | 712 | 742 | 743 | 678 | 484 | 239 | 248 | 4773 |
| 1988 | MEAN | 13.4 | 15.0 | - | - | - | - | 13.5 | 13.6 | 13.1 | 11.7 | 15.5 | 13.8 | 13.6 |
| | MAXIMUM | 23.7 | 22.9 | - | - | - | - | 19.2 | 23.3 | 22.0 | 22.4 | 24.1 | 27.4 | 27.4 |
| | DAY-HR | 07-04 | 07-19 | - | - | - | - | 29-20 | 05-05 | 22-14 | 14-12 | 11-10 | 31-13 | DEC |
| | MINIMUM | 0.2 | 6.2 | - | - | - | - | 5.1 | 0.0 | 3.9 | 0.6 | 7.4 | 0.6 | 0.0 |
| | DAY-HR | 31-04 | 10-10 | - | - | - | - | 25-00 | 02-15 | 10-12 | 16-22 | 04-04 | 03-07 | AUG |
| | # OBS | 248 | 133 | - | - | - | - | 427 | 740 | 713 | 740 | 717 | 741 | 4459 |
| 1989 | MEAN | 16.0 | 12.7 | 12.2 | 12.0 | 15.0 | 14.1 | 16.2 | 13.2 | 13.7 | 14.3 | 11.4 | 11.4 | 13.4 |
| | MAXIMUM | 28.4 | 24.1 | 22.0 | 28.4 | 22.0 | 23.3 | 24.1 | 18.9 | 20.4 | 22.2 | 22.0 | 23.1 | 28.4 |
| | DAY-HR | 10-11 | 24-22 | 01-03 | 01-19 | 22-02 | 10-12 | 13-19 | 12-15 | 24-18 | 01-06 | 22-19 | 31-09 | APR |
| | MINIMUM | 0.2 | 0.0 | 0.2 | 0.2 | 0.0 | 1.0 | 8.0 | 5.1 | 5.2 | 2.7 | 0.0 | 0.0 | 0.0 |
| | DAY-HR | 30-17 | 09-01 | 17-16 | 11-04 | 03-03 | 23-03 | 22-12 | 20-12 | 21-15 | 05-09 | 30-10 | 01-11 | DEC |
| | # OBS | 743 | 668 | 739 | 717 | 732 | 716 | 542 | 240 | 237 | 37 | 502 | 741 | 6614 |
| 1990 | MEAN | 18.0 | 14.4 | 15.5 | 13.8 | 14.7 | 16.7 | 14.1 | 13.7 | 15.1 | 14.3 | 15.6 | 15.5 | 15.1 |
| | MAXIMUM | 26.0 | 32.1 | 30.9 | 21.6 | 21.6 | 34.8 | 21.8 | 21.8 | 45.1 | 22.9 | 27.0 | 26.6 | 45.1 |
| | DAY-HR | 12-14 | 08-10 | 02-04 | 21-05 | 17-17 | 15-08 | 01-21 | 12-16 | 18-03 | 30-06 | 19-17 | 14-18 | SEP |
| | MINIMUM | 2.3 | 0.8 | 0.8 | 3.7 | 6.2 | 9.1 | 3.1 | 0.2 | 6.2 | 2.1 | 0.2 | 0.2 | 0.2 |
| | DAY-HR | 18-01 | 18-15 | 02-02 | 10-12 | 03-22 | 07-02 | 08-06 | 28-16 | 01-13 | 14-01 | 26-06 | 27-09 | DEC |
| | # OBS | 742 | 670 | 744 | 710 | 737 | 713 | 733 | 736 | 717 | 741 | 719 | 707 | 8669 |
| 1991 | MEAN | - | 10.8 | 17.5 | 16.5 | 14.7 | - | 14.6 | 15.2 | 14.0 | 11.6 | 16.3 | 17.2 | 14.9 |
| | MAXIMUM | - | 22.6 | 27.6 | 24.7 | 22.7 | - | 22.6 | 23.3 | 21.4 | 20.8 | 26.2 | 25.1 | 27.6 |
| | DAY-HR | - | 21-03 | 13-18 | 06-13 | 06-09 | - | 26-12 | 26-06 | 04-04 | 06-21 | 29-00 | 27-09 | MAR |
| | MINIMUM | - | 3.7 | 3.7 | 8.7 | 7.0 | - | 4.1 | 4.5 | 2.5 | 3.1 | 3.7 | 6.6 | 2.5 |
| | DAY-HR | - | 28-08 | 03-18 | 14-00 | 19-03 | - | 23-20 | 21-20 | 21-05 | 29-03 | 28-09 | 20-00 | SEP |
| | # OBS | - | 232 | 744 | 715 | 458 | - | 526 | 738 | 718 | 691 | 239 | 248 | 5309 |
| 1992 | MEAN | 12.8 | 10.6 | 15.7 | 11.3 | 10.3 | 14.8 | 12.9 | 15.8 | 11.9 | 13.1 | 14.2 | 16.0 | 13.4 |
| | MAXIMUM | 23.1 | 22.9 | 22.9 | 23.3 | 20.8 | 22.0 | 29.2 | 22.7 | 21.6 | 24.1 | 27.0 | 23.9 | 29.2 |
| | DAY-HR | 03-06 | 01-09 | 19-15 | 28-19 | 06-04 | 12-17 | 25-22 | 18-04 | 09-03 | 24-09 | 28-00 | 07-13 | JUL |
| | MINIMUM | 2.1 | 0.0 | 6.6 | 0.2 | 1.9 | 5.2 | 3.9 | 4.3 | 0.6 | 2.9 | 0.0 | 1.0 | 0.0 |
| | DAY-HR | 17-18 | 26-15 | 03-19 | 26-20 | 09-02 | 10-18 | 21-02 | 15-22 | 14-07 | 07-22 | 25-02 | 13-11 | NOV |
| | # OBS | 246 | 504 | 742 | 718 | 743 | 720 | 743 | 739 | 716 | 743 | 715 | 739 | 8068 |
| 1993 | MEAN | 13.3 | 14.0 | 15.6 | 17.2 | 13.8 | 15.2 | 14.3 | 13.8 | 11.9 | 12.9 | 15.6 | 18.0 | 14.6 |
| | MAXIMUM | 24.3 | 23.5 | 23.5 | 23.7 | 24.5 | 22.9 | 22.7 | 22.9 | 20.4 | 19.8 | 26.6 | 29.4 | 29.4 |
| | DAY-HR | 06-08 | 25-21 | 27-17 | 30-20 | 03-04 | 03-14 | 25-20 | 13-07 | 05-18 | 30-18 | 19-15 | 17-17 | DEC |
| | MINIMUM | 2.1 | 0.0 | 2.3 | 7.8 | 1.6 | 1.7 | 4.7 | 0.2 | 1.0 | 3.3 | 4.3 | 2.1 | 0.0 |
| | DAY-HR | 03-17 | 05-04 | 14-20 | 24-09 | 18-09 | 16-16 | 22-03 | 18-05 | 28-20 | 13-16 | 26-20 | 28-19 | FEB |
| | # OBS | 736 | 639 | 726 | 715 | 738 | 712 | 736 | 736 | 718 | 738 | 716 | 744 | 8654 |
| 1994 | MEAN | 13.9 | 13.8 | 16.8 | 16.8 | 17.0 | 16.0 | 16.6 | 16.3 | 15.2 | 15.8 | 19.4 | 18.6 | 16.4 |
| | MAXIMUM | 25.1 | 26.8 | 31.3 | 25.1 | 24.3 | 22.6 | 25.1 | 34.2 | 24.5 | 24.5 | 30.1 | 26.2 | 34.2 |
| | DAY-HR | 22-18 | 07-02 | 16-20 | 20-20 | 27-18 | 29-06 | 20-21 | 11-20 | 02-15 | 19-04 | 11-22 | 11-09 | AUG |
| | MINIMUM | 0.4 | 0.4 | 1.0 | 7.8 | 9.3 | 6.4 | 8.9 | 2.5 | 0.4 | 4.3 | 8.2 | 2.9 | 0.4 |
| | DAY-HR | 16-17 | 20-03 | 25-08 | 15-19 | 10-03 | 20-22 | 15-15 | 31-00 | 30-02 | 06-22 | 13-22 | 22-18 | SEP |
| | # OBS | 743 | 655 | 741 | 720 | 741 | 718 | 741 | 741 | 709 | 736 | 713 | 739 | 8697 |
| 1995 | MEAN | 13.2 | 8.4 | 11.7 | 14.8 | 13.7 | 14.6 | 13.9 | 14.2 | 11.8 | 14.9 | 14.2 | 13.3 | 13.3 |
| | MAXIMUM | 23.1 | 20.8 | 23.3 | 26.0 | 22.9 | 22.7 | 21.8 | 21.8 | 19.2 | 21.2 | 22.2 | 22.0 | 26.0 |
| | DAY-HR | 15-11 | 07-14 | 21-14 | 17-04 | 11-15 | 14-11 | 29-06 | 08-08 | 30-17 | 20-03 | 09-22 | 18-18 | APR |
| | MINIMUM | 1.7 | 0.2 | 0.0 | 1.2 | 2.3 | 3.5 | 3.1 | 6.4 | 0.0 | 4.9 | 1.6 | 0.8 | 0.0 |

| | DAY-HR | 31-03 | 11-06 | 02-13 | 27-03 | 18-05 | 25-20 | 19-14 | 16-19 | 14-05 | 29-00 | 13-13 | 09-09 | SEP |
|------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| | # OBS | 737 | 666 | 735 | 707 | 736 | 710 | 737 | 739 | 710 | 739 | 711 | 737 | 8664 |
| 1996 | MEAN | 12.3 | 13.9 | 13.7 | 14.1 | 11.4 | 14.0 | 14.1 | 12.8 | 13.2 | 14.8 | 15.6 | 15.4 | 13.8 |
| | MAXIMUM | 26.4 | 26.0 | 26.0 | 22.6 | 21.0 | 21.4 | 21.0 | 20.0 | 22.7 | 23.9 | 26.6 | 26.6 | 26.6 |
| | DAY-HR | 22-11 | 22-03 | 04-17 | 18-19 | 19-20 | 25-00 | 30-20 | 18-08 | 18-18 | 23-00 | 28-19 | 05-16 | DEC |
| | MINIMUM | 0.6 | 0.2 | 0.2 | 3.3 | 0.2 | 1.9 | 6.4 | 4.1 | 4.7 | 3.3 | 4.1 | 1.2 | 0.2 |
| | DAY-HR | 29-02 | 11-03 | 21-14 | 30-12 | 10-03 | 01-19 | 03-16 | 12-10 | 28-09 | 04-10 | 09-04 | 29-20 | MAY |
| | # OBS | 736 | 687 | 737 | 734 | 736 | 716 | 838 | 789 | 719 | 733 | 691 | 735 | 8851 |
| 1997 | MEAN | 10.6 | 16.1 | 14.5 | 14.1 | 10.2 | 14.6 | 14.3 | 13.2 | 13.0 | 14.4 | 13.4 | 16.5 | 13.7 |
| | MAXIMUM | 26.4 | 24.7 | 25.9 | 20.4 | 18.9 | 22.9 | 24.1 | 22.4 | 22.7 | 22.0 | 24.9 | 27.4 | 27.4 |
| | DAY-HR | 17-23 | 24-11 | 08-02 | 13-04 | 16-20 | 21-16 | 01-10 | 01-16 | 15-18 | 17-08 | 25-06 | 03-19 | DEC |
| | MINIMUM | 0.2 | 1.0 | 3.5 | 5.1 | 0.2 | 2.3 | 6.0 | 5.2 | 2.5 | 3.9 | 0.0 | 7.2 | 0.0 |
| | DAY-HR | 13-16 | 26-01 | 17-13 | 26-19 | 24-20 | 13-13 | 14-02 | 29-00 | 19-19 | 19-15 | 08-15 | 12-01 | NOV |
| | # OBS | 737 | 654 | 733 | 710 | 733 | 710 | 728 | 734 | 715 | 737 | 703 | 738 | 8632 |
| 1998 | MEAN | - | - | - | - | 15.9 | 14.8 | 14.8 | 14.4 | 13.8 | 15.5 | 17.1 | 17.1 | 15.4 |
| | MAXIMUM | - | - | - | - | 19.8 | 22.9 | 21.4 | 21.0 | 21.2 | 22.6 | 24.7 | 29.9 | 29.9 |
| | DAY-HR | - | - | - | - | 30-08 | 22-22 | 13-05 | 24-21 | 17-15 | 17-21 | 30-09 | 05-18 | DEC |
| | MINIMUM | - | - | - | - | 2.7 | 4.7 | 6.0 | 4.1 | 1.7 | 3.7 | 7.6 | 2.9 | 1.7 |
| | DAY-HR | - | - | - | - | 30-00 | 12-08 | 11-01 | 10-20 | 07-00 | 23-15 | 05-01 | 16-23 | SEP |
| | # OBS | - | - | - | - | 48 | 692 | 739 | 792 | 707 | 738 | 708 | 737 | 5161 |
| 1999 | MEAN | 14.0 | 16.9 | 16.2 | - | - | - | - | - | 13.2 | 14.2 | 15.6 | 14.6 | 15.1 |
| | MAXIMUM | 26.2 | 27.0 | 22.9 | - | - | - | - | - | 19.8 | 23.3 | 23.3 | 24.1 | 27.0 |
| | DAY-HR | 25-06 | 04-09 | 22-18 | - | - | - | - | - | 24-20 | 07-17 | 30-05 | 06-20 | FEB |
| | MINIMUM | 2.3 | 2.5 | 1.4 | - | - | - | - | - | 6.6 | 5.4 | 5.4 | 1.0 | 1.0 |
| | DAY-HR | 06-03 | 28-18 | 02-10 | - | - | - | - | - | 27-21 | 19-22 | 16-13 | 30-04 | DEC |
| | # OBS | 739 | 660 | 669 | - | - | - | - | - | 156 | 684 | 649 | 733 | 4290 |
| 2000 | MEAN | 15.9 | 15.5 | 16.3 | 16.9 | 14.6 | 12.6 | 15.6 | 16.9 | 13.4 | 16.1 | 17.3 | 15.2 | 15.5 |
| | MAXIMUM | 24.9 | 25.3 | 24.5 | 24.5 | 21.6 | 21.0 | 22.9 | 23.1 | 21.0 | 30.5 | 25.5 | 24.7 | 30.5 |
| | DAY-HR | 28-13 | 21-17 | 19-10 | 04-17 | 12-02 | 13-04 | 06-14 | 30-16 | 28-04 | 31-06 | 17-18 | 13-21 | OCT |
| | MINIMUM | 0.4 | 5.4 | 4.1 | 3.9 | 7.8 | 0.6 | 0.4 | 3.3 | 2.1 | 6.2 | 7.6 | 4.5 | 0.4 |
| | DAY-HR | 01-03 | 15-02 | 31-07 | 09-01 | 26-22 | 19-11 | 31-19 | 01-00 | 27-14 | 31-12 | 04-02 | 06-09 | JUL |
| | # OBS | 716 | 681 | 733 | 694 | 725 | 705 | 738 | 722 | 703 | 735 | 711 | 739 | 8602 |
| 2001 | MEAN | 15.3 | 16.2 | 14.4 | 17.7 | 13.5 | 14.4 | 15.3 | 15.9 | 14.2 | 14.9 | 15.8 | 17.3 | 15.4 |
| | MAXIMUM | 24.5 | 25.7 | 23.5 | 24.9 | 21.6 | 21.4 | 22.6 | 23.5 | 22.4 | 23.9 | 23.7 | 29.4 | 29.4 |
| | DAY-HR | 25-21 | 14-19 | 10-15 | 04-18 | 01-13 | 10-10 | 02-19 | 11-03 | 23-07 | 08-16 | 30-13 | 14-05 | DEC |
| | MINIMUM | 1.9 | 4.5 | 3.7 | 7.4 | 3.3 | 4.3 | 8.4 | 3.9 | 4.3 | 2.7 | 2.5 | 0.2 | 0.2 |
| | DAY-HR | 02-07 | 06-22 | 21-18 | 16-00 | 28-20 | 24-16 | 28-11 | 26-10 | 14-01 | 03-22 | 07-07 | 27-15 | DEC |
| | # OBS | 716 | 672 | 739 | 716 | 736 | 710 | 743 | 734 | 712 | 737 | 719 | 743 | 8677 |
| POR | MEAN | 13.8 | 13.5 | 15.1 | 14.9 | 13.2 | 14.6 | 14.5 | 14.4 | 13.1 | 14.1 | 15.2 | 15.5 | 14.3 |
| | MAXIMUM | 28.4 | 32.1 | 31.3 | 28.4 | 25.7 | 34.8 | 50.3 | 34.2 | 45.1 | 30.5 | 30.1 | 29.9 | 50.3 |
| | YEAR | 1989 | 1990 | 1994 | 1989 | 1987 | 1990 | 1986 | 1994 | 1990 | 2000 | 1994 | 1998 | JUL/1986 |
| | MINIMUM | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.6 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | YEAR | 1986 | 1993 | 1995 | 1987 | 1989 | 2000 | 2000 | 1988 | 1995 | 1987 | 1997 | 1989 | NOV/1997 |
| | # OBS | 9323 | 8857 | 10261 | 9484 | 10082 | 9970 | 11198 | 11406 | 11060 | 11149 | 10705 | 11553 | 125048 |

STATION: 51004 -- POR (11/1984 - 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 | - | - | - | - | - | - | - | - | - | - | 21.2 | 19.7 | 20.3 |
| | MAXIMUM | - | - | - | - | - | - | - | - | - | - | 30.9 | 36.0 | 36.0 |
| | DAY-HR | - | - | - | - | - | - | - | - | - | - | 08-16 | 10-03 | DEC |
| | # OBS | - | - | - | - | - | - | - | - | - | - | 536 | 742 | 1278 |
| 1985 | MEAN | 14.6 | 16.2 | 21.9 | 17.4 | 17.9 | 16.1 | 16.8 | 17.6 | 14.4 | 16.4 | 11.0 | 15.5 | 16.3 |
| | MAXIMUM | 27.8 | 28.2 | 36.2 | 26.8 | 29.7 | 25.3 | 31.3 | 30.9 | 28.4 | 26.8 | 33.4 | 30.1 | 36.2 |
| | DAY-HR | 14-23 | 08-18 | 07-17 | 20-10 | 27-18 | 19-04 | 25-20 | 07-22 | 19-02 | 07-12 | 16-06 | 31-06 | MAR |
| | # OBS | 742 | 669 | 741 | 718 | 743 | 719 | 741 | 741 | 714 | 741 | 717 | 742 | 8728 |
| 1986 | MEAN | 14.0 | 11.6 | 15.6 | 18.6 | 15.1 | 17.7 | 17.1 | 15.9 | 14.8 | 16.8 | - | - | 15.7 |
| | MAXIMUM | 29.7 | 28.2 | 27.8 | 35.2 | 29.0 | 28.4 | 64.3 | 27.2 | 23.9 | 26.6 | - | - | 64.3 |
| | DAY-HR | 22-22 | 16-20 | 13-18 | 09-08 | 12-02 | 21-11 | 22-23 | 27-07 | 23-20 | 16-11 | - | - | JUL |
| | # OBS | 742 | 667 | 738 | 720 | 739 | 717 | 744 | 742 | 718 | 395 | - | - | 6922 |
| 1987 | MEAN | - | - | - | 13.0 | 12.4 | 17.3 | 16.7 | 16.1 | 14.2 | 16.0 | 19.7 | 19.6 | 15.8 |
| | MAXIMUM | - | - | - | 27.0 | 31.9 | 27.4 | 27.6 | 29.2 | 24.7 | 26.0 | 31.5 | 27.8 | 31.9 |
| | DAY-HR | - | - | - | 28-18 | 08-06 | 17-00 | 21-07 | 02-11 | 04-13 | 02-23 | 27-01 | 26-19 | MAY |
| | # OBS | - | - | - | 190 | 737 | 709 | 742 | 743 | 678 | 484 | 239 | 248 | 4770 |
| 1988 | MEAN | 16.1 | 18.0 | - | - | - | - | 16.2 | 16.4 | 15.8 | 14.1 | 18.6 | 16.8 | 16.3 |

| | | | | | | | | | | | | | | |
|------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| | MAXIMUM | 28.4 | 28.6 | - | - | - | - | 23.1 | 29.2 | 27.0 | 28.0 | 32.5 | 34.8 | 34.8 |
| | DAY-HR | 07-04 | 07-19 | - | - | - | - | 28-11 | 05-04 | 22-14 | 14-12 | 21-14 | 30-20 | DEC |
| | # OBS | 248 | 130 | - | - | - | - | 427 | 739 | 713 | 740 | 717 | 741 | 4455 |
| 1989 | MEAN | 19.2 | 15.4 | 14.7 | 14.6 | 17.9 | 17.0 | 19.4 | 15.9 | 16.4 | 16.8 | 13.9 | 13.2 | 16.1 |
| | MAXIMUM | 36.2 | 33.2 | 27.2 | 34.0 | 29.0 | 28.2 | 29.7 | 22.2 | 26.6 | 26.0 | 26.4 | 29.0 | 36.2 |
| | DAY-HR | 10-11 | 24-22 | 01-03 | 02-02 | 24-08 | 10-12 | 18-11 | 10-15 | 14-21 | 01-06 | 22-19 | 31-16 | JAN |
| | # OBS | 743 | 668 | 738 | 717 | 732 | 715 | 542 | 239 | 237 | 37 | 502 | 741 | 6611 |
| 1990 | MEAN | 21.2 | 17.5 | 18.4 | 16.5 | 17.4 | 19.7 | 16.7 | 16.3 | 18.0 | 17.0 | 18.7 | 18.6 | 18.0 |
| | MAXIMUM | 30.3 | 37.5 | 39.1 | 26.6 | 25.5 | 28.2 | 26.2 | 25.7 | 53.5 | 27.0 | 32.9 | 32.1 | 53.5 |
| | DAY-HR | 12-14 | 08-10 | 02-04 | 21-05 | 17-14 | 20-22 | 01-12 | 12-23 | 18-03 | 30-06 | 19-16 | 14-19 | SEP |
| | # OBS | 742 | 670 | 744 | 710 | 737 | 711 | 733 | 736 | 717 | 739 | 719 | 707 | 8665 |
| 1991 | MEAN | - | 13.1 | 21.0 | 19.5 | 17.5 | - | 17.3 | 18.0 | 16.6 | 13.9 | 19.3 | 20.5 | 17.8 |
| | MAXIMUM | - | 26.2 | 34.6 | 29.5 | 27.0 | - | 26.2 | 27.6 | 26.0 | 25.5 | 30.7 | 30.5 | 34.6 |
| | DAY-HR | - | 21-02 | 13-18 | 06-13 | 06-09 | - | 26-12 | 26-06 | 12-18 | 06-21 | 29-00 | 28-06 | MAR |
| | # OBS | - | 232 | 744 | 715 | 458 | - | 525 | 738 | 717 | 691 | 239 | 248 | 5307 |
| 1992 | MEAN | 15.4 | 13.0 | 18.9 | 13.6 | 12.5 | 17.8 | 15.5 | 18.8 | 14.3 | 15.7 | 17.1 | 19.2 | 16.1 |
| | MAXIMUM | 29.4 | 27.4 | 27.4 | 28.0 | 25.9 | 30.9 | 34.8 | 30.3 | 27.8 | 29.5 | 30.9 | 30.7 | 34.8 |
| | DAY-HR | 03-06 | 05-09 | 16-19 | 28-18 | 06-00 | 12-17 | 25-23 | 10-07 | 09-08 | 24-09 | 28-02 | 05-19 | JUL |
| | # OBS | 246 | 504 | 742 | 718 | 743 | 720 | 743 | 739 | 716 | 743 | 715 | 739 | 8068 |
| 1993 | MEAN | 16.1 | 17.1 | 18.6 | 20.3 | 16.5 | 18.1 | 17.1 | 16.5 | 14.3 | 15.4 | 18.6 | 21.6 | 17.5 |
| | MAXIMUM | 31.7 | 30.7 | 29.4 | 27.6 | 29.2 | 27.8 | 26.2 | 28.2 | 26.2 | 23.9 | 31.7 | 37.1 | 37.1 |
| | DAY-HR | 06-08 | 22-08 | 27-17 | 12-01 | 04-00 | 03-14 | 25-20 | 13-07 | 05-18 | 30-18 | 19-17 | 17-16 | DEC |
| | # OBS | 736 | 639 | 726 | 715 | 738 | 712 | 736 | 736 | 717 | 738 | 716 | 744 | 8653 |
| 1994 | MEAN | 16.7 | 16.6 | 20.1 | 20.0 | 20.1 | 18.9 | 19.7 | 19.4 | 18.0 | 18.7 | 23.2 | 22.3 | 19.5 |
| | MAXIMUM | 29.4 | 32.9 | 40.2 | 30.3 | 31.7 | 28.0 | 30.1 | 43.0 | 29.4 | 29.5 | 36.5 | 33.2 | 43.0 |
| | DAY-HR | 22-18 | 10-11 | 24-11 | 20-20 | 27-17 | 06-01 | 20-21 | 11-18 | 02-13 | 19-04 | 11-22 | 11-12 | AUG |
| | # OBS | 743 | 655 | 741 | 720 | 741 | 718 | 740 | 741 | 709 | 736 | 713 | 739 | 8696 |
| 1995 | MEAN | 16.1 | 10.6 | 14.3 | 17.9 | 16.5 | 17.6 | 16.8 | 17.0 | 14.2 | 17.8 | 17.0 | 16.0 | 16.0 |
| | MAXIMUM | 27.8 | 23.9 | 27.8 | 32.9 | 27.0 | 30.9 | 26.0 | 25.5 | 23.3 | 26.6 | 26.6 | 27.8 | 32.9 |
| | DAY-HR | 16-03 | 15-21 | 21-14 | 16-04 | 11-13 | 14-20 | 29-06 | 08-08 | 30-11 | 20-03 | 09-22 | 19-05 | APR |
| | # OBS | 737 | 666 | 735 | 707 | 736 | 710 | 737 | 739 | 710 | 739 | 711 | 737 | 8664 |
| 1996 | MEAN | 14.9 | 17.0 | 16.6 | 17.0 | 13.9 | 16.9 | 16.9 | 15.3 | 16.0 | 17.7 | 18.6 | 18.4 | 16.6 |
| | MAXIMUM | 34.4 | 31.9 | 31.3 | 27.8 | 26.8 | 27.0 | 25.1 | 24.3 | 27.4 | 29.4 | 32.5 | 31.7 | 34.4 |
| | DAY-HR | 22-11 | 26-05 | 04-16 | 20-07 | 19-20 | 25-05 | 30-20 | 18-08 | 18-17 | 15-18 | 28-19 | 05-16 | JAN |
| | # OBS | 736 | 687 | 737 | 734 | 736 | 716 | 838 | 789 | 719 | 733 | 691 | 735 | 8851 |
| 1997 | MEAN | 13.0 | 19.3 | 17.4 | 16.9 | 12.5 | 17.5 | 17.3 | 15.9 | 15.7 | 17.3 | 16.2 | 19.9 | 16.5 |
| | MAXIMUM | 31.3 | 29.7 | 30.7 | 25.9 | 23.7 | 28.2 | 29.5 | 25.5 | 27.0 | 27.0 | 29.5 | 34.8 | 34.8 |
| | DAY-HR | 17-23 | 25-03 | 08-02 | 28-05 | 16-20 | 10-23 | 01-10 | 22-11 | 15-18 | 17-08 | 25-15 | 03-19 | DEC |
| | # OBS | 737 | 654 | 733 | 710 | 733 | 710 | 728 | 734 | 715 | 737 | 703 | 738 | 8632 |
| 1998 | MEAN | - | - | - | - | 18.9 | 17.5 | 17.7 | 17.0 | 16.5 | 18.6 | 20.3 | 20.5 | 18.3 |
| | MAXIMUM | - | - | - | - | 23.9 | 28.0 | 26.4 | 24.5 | 24.9 | 28.4 | 30.9 | 38.7 | 38.7 |
| | DAY-HR | - | - | - | - | 30-03 | 22-22 | 13-08 | 24-21 | 17-17 | 03-06 | 30-22 | 05-19 | DEC |
| | # OBS | - | - | - | - | 48 | 692 | 738 | 788 | 706 | 737 | 707 | 737 | 5153 |
| 1999 | MEAN | 16.8 | 20.2 | 19.3 | - | - | - | - | - | 15.8 | 17.0 | 18.8 | 18.0 | 18.2 |
| | MAXIMUM | 32.1 | 32.3 | 28.6 | - | - | - | - | - | 23.7 | 27.2 | 28.0 | 31.5 | 32.3 |
| | DAY-HR | 25-06 | 04-09 | 28-18 | - | - | - | - | - | 24-09 | 07-17 | 30-05 | 02-15 | FEB |
| | # OBS | 739 | 660 | 669 | - | - | - | - | - | 156 | 684 | 649 | 733 | 4290 |
| 2000 | MEAN | 19.5 | 18.9 | 19.8 | 20.4 | 17.6 | 15.3 | 18.8 | 20.3 | 16.2 | 19.6 | 21.0 | 18.6 | 18.8 |
| | MAXIMUM | 32.7 | 31.9 | 30.7 | 30.1 | 25.9 | 25.5 | 28.6 | 28.2 | 26.6 | 36.4 | 33.0 | 29.7 | 36.4 |
| | DAY-HR | 06-22 | 23-02 | 18-12 | 04-08 | 12-16 | 13-04 | 06-14 | 25-17 | 11-01 | 31-06 | 19-02 | 13-20 | OCT |
| | # OBS | 716 | 681 | 732 | 693 | 724 | 695 | 725 | 716 | 694 | 734 | 710 | 739 | 8559 |
| 2001 | MEAN | 18.8 | 19.6 | 17.5 | 21.6 | 16.2 | 17.2 | 18.3 | 19.1 | 17.2 | 17.9 | 18.9 | 21.4 | 18.6 |
| | MAXIMUM | 32.7 | 35.8 | 30.7 | 30.7 | 25.9 | 25.7 | 26.4 | 29.0 | 27.2 | 29.5 | 29.7 | 36.9 | 36.9 |
| | DAY-HR | 25-19 | 15-18 | 10-15 | 11-03 | 01-13 | 10-10 | 02-19 | 11-03 | 23-06 | 06-12 | 30-13 | 14-06 | DEC |
| | # OBS | 715 | 672 | 735 | 716 | 735 | 707 | 742 | 727 | 695 | 735 | 719 | 742 | 8640 |
| POR | MEAN | 16.7 | 16.4 | 18.1 | 17.9 | 16.0 | 17.5 | 17.4 | 17.3 | 15.8 | 16.9 | 18.3 | 18.7 | 17.3 |
| | MAXIMUM | 36.2 | 37.5 | 40.2 | 35.2 | 31.9 | 30.9 | 64.3 | 43.0 | 53.5 | 36.4 | 36.5 | 38.7 | 64.3 |
| | YEAR | 1989 | 1990 | 1994 | 1986 | 1987 | 1995 | 1986 | 1994 | 1990 | 2000 | 1994 | 1998 | JUL/1986 |
| | # OBS | 9322 | 8854 | 10255 | 9483 | 10080 | 9951 | 11181 | 11387 | 11031 | 11143 | 10703 | 11552 | 124942 |

STATION: 51004 -- POR (4/2000 - 12/2001)

2 - HIGHEST 5-SECOND AVERAGE DURING PAST HOUR -- MONTHLY & ANNUAL BY YEAR

ELEMENT: HOURLY PEAK WIND GUST (KNOTS)

| YEAR | ELEMENT | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN |
|------|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|------|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|

| | | | | | | | | | | | | | | |
|------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| 2000 | MEAN | - | - | - | 20.0 | 19.1 | 16.7 | 20.2 | 21.9 | 17.5 | 21.3 | 22.6 | 20.1 | 20.0 |
| | MAXIMUM | - | - | - | 20.0 | 27.4 | 29.7 | 29.5 | 31.9 | 29.0 | 40.6 | 32.9 | 32.9 | 40.6 |
| | DAY-HR | - | - | - | 30-23 | 10-00 | 06-17 | 06-09 | 30-06 | 07-08 | 31-03 | 19-01 | 13-08 | OCT |
| | MINIMUM | - | - | - | 20.0 | 11.7 | 4.1 | 2.7 | 7.6 | 4.5 | 9.5 | 12.2 | 10.7 | 2.7 |
| | DAY-HR | - | - | - | 30-23 | 31-20 | 19-10 | 31-18 | 01-02 | 27-13 | 01-09 | 15-07 | 27-01 | JUL |
| | # OBS | - | - | - | 1 | 724 | 688 | 696 | 703 | 681 | 709 | 693 | 739 | 5634 |
| 2001 | MEAN | 20.4 | 21.0 | 19.0 | 23.4 | 17.5 | 18.6 | 19.7 | 20.5 | 18.6 | 19.2 | 20.3 | 23.1 | 20.1 |
| | MAXIMUM | 36.0 | 35.8 | 32.3 | 35.2 | 28.8 | 27.0 | 29.2 | 32.9 | 28.6 | 31.9 | 33.0 | 40.2 | 40.2 |
| | DAY-HR | 25-16 | 14-19 | 10-20 | 04-15 | 02-21 | 10-10 | 29-10 | 08-22 | 18-03 | 05-19 | 30-12 | 14-06 | DEC |
| | MINIMUM | 4.5 | 7.2 | 7.2 | 14.2 | 6.4 | 8.6 | 12.1 | 8.0 | 7.0 | 4.3 | 6.0 | 1.9 | 1.9 |
| | DAY-HR | 02-06 | 06-21 | 23-17 | 02-06 | 28-19 | 25-02 | 09-00 | 26-09 | 14-01 | 28-06 | 18-18 | 26-04 | DEC |
| | # OBS | 715 | 671 | 729 | 711 | 728 | 700 | 739 | 716 | 684 | 735 | 719 | 741 | 8588 |
| POR | MEAN | 20.4 | 21.0 | 19.0 | 23.4 | 18.3 | 17.7 | 20.0 | 21.2 | 18.0 | 20.3 | 21.5 | 21.6 | 20.1 |
| | MAXIMUM | 36.0 | 35.8 | 32.3 | 35.2 | 28.8 | 29.7 | 29.5 | 32.9 | 29.0 | 40.6 | 33.0 | 40.2 | 40.6 |
| | YEAR | 2001 | 2001 | 2001 | 2001 | 2001 | 2000 | 2000 | 2001 | 2000 | 2000 | 2001 | 2001 | OCT/2000 |
| | MINIMUM | 4.5 | 7.2 | 7.2 | 14.2 | 6.4 | 4.1 | 2.7 | 7.6 | 4.5 | 4.3 | 6.0 | 1.9 | 1.9 |
| | YEAR | 2001 | 2001 | 2001 | 2001 | 2001 | 2000 | 2000 | 2000 | 2000 | 2001 | 2001 | 2001 | DEC/2001 |
| | # OBS | 715 | 671 | 729 | 712 | 1452 | 1388 | 1435 | 1419 | 1365 | 1444 | 1412 | 1480 | 14222 |

STATION: 51004 -- POR (11/1984 - 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 | - | - | - | - | - | - | - | - | - | - | 2.9 | - | 2.9 |
| | MAXIMUM | - | - | - | - | - | - | - | - | - | - | 5.0 | - | 5.0 |
| | DAY-HR | - | - | - | - | - | - | - | - | - | - | 20-14 | - | NOV |
| | # OBS | - | - | - | - | - | - | - | - | - | - | 297 | - | 297 |
| 1985 | MEAN | - | 2.6 | 3.4 | 2.5 | 2.4 | 2.0 | 2.1 | 2.2 | 2.1 | 2.2 | 2.4 | 2.7 | 2.4 |
| | MAXIMUM | - | 3.7 | 5.6 | 3.7 | 3.4 | 2.8 | 4.8 | 3.9 | 3.7 | 4.4 | 4.2 | 5.4 | 5.6 |
| | DAY-HR | - | 28-22 | 07-21 | 03-03 | 21-01 | 04-17 | 25-17 | 07-22 | 07-17 | 29-06 | 21-15 | 03-02 | MAR |
| | # OBS | - | 364 | 737 | 717 | 741 | 718 | 736 | 740 | 715 | 734 | 717 | 742 | 7661 |
| 1986 | MEAN | 2.7 | 2.9 | 2.5 | 2.8 | 2.2 | 2.1 | 2.3 | 2.1 | 2.0 | 2.3 | - | - | 2.4 |
| | MAXIMUM | 4.5 | 7.6 | 3.8 | 4.5 | 3.7 | 3.3 | 10.6 | 2.9 | 4.0 | 3.4 | - | - | 10.6 |
| | DAY-HR | 08-15 | 14-09 | 15-14 | 11-18 | 12-10 | 21-20 | 22-23 | 06-05 | 24-21 | 05-17 | - | - | JUL |
| | # OBS | 741 | 666 | 736 | 720 | 738 | 718 | 742 | 741 | 716 | 388 | - | - | 6906 |
| 1987 | MEAN | - | - | - | 2.2 | 2.2 | 2.3 | 2.2 | 2.0 | 2.0 | 2.2 | 3.0 | 2.9 | 2.2 |
| | MAXIMUM | - | - | - | 3.7 | 4.0 | 3.3 | 3.2 | 3.1 | 3.2 | 3.5 | 4.9 | 4.2 | 4.9 |
| | DAY-HR | - | - | - | 29-21 | 10-22 | 10-15 | 21-03 | 22-01 | 26-14 | 09-13 | 28-01 | 08-07 | NOV |
| | # OBS | - | - | - | 170 | 695 | 653 | 742 | 735 | 677 | 484 | 238 | 247 | 4641 |
| 1988 | MEAN | 2.6 | - | - | - | - | - | 2.0 | 2.1 | 2.0 | 2.0 | 2.5 | 2.6 | 2.2 |
| | MAXIMUM | 3.8 | - | - | - | - | - | 2.7 | 4.2 | 3.3 | 3.3 | 3.5 | 5.4 | 5.4 |
| | DAY-HR | 15-16 | - | - | - | - | - | 30-21 | 05-04 | 22-03 | 07-05 | 22-02 | 31-21 | DEC |
| | # OBS | 77 | - | - | - | - | - | 420 | 720 | 700 | 734 | 713 | 734 | 4098 |
| 1989 | MEAN | 2.9 | 2.3 | 2.1 | 2.3 | 2.4 | 2.1 | 2.5 | 2.0 | 2.0 | 2.3 | 2.2 | 2.5 | 2.3 |
| | MAXIMUM | 6.3 | 3.9 | 3.2 | 3.6 | 3.2 | 3.1 | 4.6 | 2.8 | 3.0 | 3.0 | 4.1 | 4.1 | 6.3 |
| | DAY-HR | 10-12 | 25-03 | 08-23 | 21-21 | 02-22 | 06-02 | 18-13 | 20-09 | 02-18 | 01-06 | 17-18 | 02-12 | JAN |
| | # OBS | 743 | 668 | 733 | 710 | 713 | 684 | 516 | 235 | 210 | 34 | 502 | 738 | 6486 |
| 1990 | MEAN | 3.3 | 3.3 | 2.9 | 2.2 | 2.2 | 2.5 | 2.0 | 2.0 | 2.3 | 2.2 | 2.9 | 2.9 | 2.5 |
| | MAXIMUM | 4.7 | 6.7 | 5.3 | 3.2 | 4.0 | 3.7 | 3.2 | 3.1 | 6.4 | 3.4 | 5.7 | 5.2 | 6.7 |
| | DAY-HR | 10-14 | 08-19 | 09-09 | 22-20 | 06-06 | 20-23 | 02-04 | 24-19 | 18-00 | 30-10 | 26-04 | 14-21 | FEB |
| | # OBS | 742 | 666 | 741 | 704 | 728 | 704 | 724 | 724 | 703 | 736 | 716 | 706 | 8594 |
| 1991 | MEAN | - | 2.6 | 3.2 | 2.7 | 2.3 | - | 2.2 | 2.3 | 2.1 | 1.9 | 2.8 | 3.1 | 2.5 |
| | MAXIMUM | - | 3.7 | 4.5 | 4.2 | 3.2 | - | 3.2 | 4.3 | 3.4 | 2.6 | 4.0 | 4.7 | 4.7 |
| | DAY-HR | - | 27-00 | 16-21 | 06-14 | 12-01 | - | 22-00 | 07-05 | 25-14 | 14-15 | 23-15 | 27-15 | DEC |
| | # OBS | - | 230 | 743 | 709 | 453 | - | 515 | 726 | 704 | 684 | 237 | 247 | 5248 |
| 1992 | MEAN | 2.7 | 2.5 | 2.5 | 2.1 | 1.9 | 2.1 | 2.0 | 2.2 | 2.1 | 2.3 | 2.7 | 2.8 | 2.3 |
| | MAXIMUM | 4.3 | 4.5 | 3.7 | 3.2 | 3.8 | 3.5 | 4.9 | 3.3 | 4.0 | 3.8 | 4.0 | 4.3 | 4.9 |
| | DAY-HR | 29-00 | 06-15 | 10-17 | 03-10 | 08-14 | 15-15 | 25-22 | 10-07 | 10-02 | 23-23 | 28-03 | 12-22 | JUL |
| | # OBS | 246 | 504 | 740 | 715 | 738 | 717 | 740 | 737 | 708 | 741 | 708 | 737 | 8031 |
| 1993 | MEAN | 2.4 | 2.9 | 2.7 | 2.7 | 2.1 | 2.1 | 2.2 | 2.3 | 1.8 | 2.1 | 2.6 | 3.1 | 2.4 |
| | MAXIMUM | 3.9 | 7.0 | 4.9 | 3.9 | 3.4 | 3.2 | 3.4 | 4.8 | 2.9 | 3.4 | 3.8 | 4.8 | 7.0 |
| | DAY-HR | 06-15 | 06-22 | 15-20 | 22-23 | 01-22 | 06-07 | 24-10 | 16-05 | 25-05 | 27-17 | 20-06 | 05-19 | FEB |
| | # OBS | 734 | 625 | 722 | 709 | 738 | 702 | 726 | 729 | 710 | 737 | 716 | 744 | 8592 |
| 1994 | MEAN | 2.5 | 2.5 | 2.8 | 2.7 | 2.5 | 2.1 | 2.4 | 2.5 | 2.3 | 2.3 | 3.2 | 3.2 | 2.6 |

| | | | | | | | | | | | | | | |
|------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| | MAXIMUM | 4.5 | 4.0 | 5.5 | 4.3 | 3.6 | 3.0 | 4.0 | 5.0 | 4.6 | 3.7 | 5.4 | 5.1 | 5.5 |
| | DAY-HR | 03-21 | 07-06 | 16-19 | 06-13 | 16-23 | 29-08 | 26-07 | 22-23 | 02-08 | 20-21 | 19-18 | 10-23 | MAR |
| | # OBS | 743 | 646 | 736 | 720 | 739 | 715 | 725 | 740 | 707 | 734 | 712 | 738 | 8655 |
| 1995 | MEAN | 2.9 | 2.2 | 2.4 | 2.7 | 2.2 | 2.1 | 2.0 | 2.1 | 2.0 | 2.2 | 2.4 | 2.4 | 2.3 |
| | MAXIMUM | 5.7 | 5.1 | 3.8 | 5.5 | 3.5 | 3.3 | 2.8 | 3.0 | 5.5 | 3.1 | 5.0 | 4.5 | 5.7 |
| | DAY-HR | 10-20 | 01-20 | 21-08 | 17-13 | 10-14 | 14-02 | 27-06 | 08-20 | 22-19 | 30-21 | 23-23 | 27-02 | JAN |
| | # OBS | 736 | 666 | 735 | 712 | 736 | 710 | 737 | 739 | 710 | 739 | 711 | 737 | 8668 |
| 1996 | MEAN | 2.4 | 3.3 | 2.5 | 2.5 | 1.9 | 2.1 | 2.1 | 1.8 | 2.1 | 2.3 | 2.9 | 2.8 | 2.4 |
| | MAXIMUM | 3.6 | 5.7 | 4.5 | 3.5 | 2.9 | 2.8 | 3.2 | 2.5 | 3.5 | 3.4 | 5.6 | 4.9 | 5.7 |
| | DAY-HR | 23-13 | 17-23 | 27-00 | 15-17 | 20-07 | 25-12 | 23-11 | 18-10 | 18-22 | 17-09 | 11-02 | 08-16 | FEB |
| | # OBS | 736 | 686 | 737 | 734 | 734 | 712 | 838 | 789 | 719 | 733 | 691 | 735 | 8844 |
| 1997 | MEAN | 2.3 | 3.0 | 2.5 | 2.3 | 1.9 | 2.2 | 2.2 | 2.1 | 2.2 | 2.3 | 2.6 | 2.9 | 2.4 |
| | MAXIMUM | 5.1 | 4.7 | 4.0 | 3.7 | 2.9 | 3.5 | 3.9 | 3.5 | 4.4 | 3.6 | 4.4 | 5.1 | 5.1 |
| | DAY-HR | 24-08 | 27-05 | 08-01 | 13-04 | 17-03 | 30-14 | 23-01 | 09-23 | 24-18 | 07-18 | 30-12 | 03-21 | DEC |
| | # OBS | 737 | 654 | 733 | 707 | 732 | 708 | 726 | 734 | 714 | 737 | 703 | 738 | 8623 |
| 1998 | MEAN | - | - | - | - | 2.4 | 2.1 | 2.0 | 2.2 | 2.0 | 2.5 | 3.0 | 3.3 | 2.4 |
| | MAXIMUM | - | - | - | - | 2.8 | 3.2 | 2.7 | 3.6 | 3.0 | 3.8 | 6.2 | 6.7 | 6.7 |
| | DAY-HR | - | - | - | - | 30-11 | 25-03 | 13-06 | 24-00 | 22-20 | 15-20 | 13-01 | 05-18 | DEC |
| | # OBS | - | - | - | - | 48 | 691 | 736 | 784 | 686 | 734 | 702 | 733 | 5114 |
| 1999 | MEAN | 2.7 | 3.3 | 2.8 | - | - | 2.0 | 2.1 | 2.1 | 2.1 | 2.1 | 2.6 | 2.7 | 2.5 |
| | MAXIMUM | 5.0 | 5.6 | 4.5 | - | - | 2.4 | 3.5 | 5.4 | 3.5 | 3.2 | 3.6 | 5.8 | 5.8 |
| | DAY-HR | 26-10 | 28-01 | 22-14 | - | - | 26-23 | 27-20 | 15-19 | 01-18 | 06-21 | 11-18 | 05-08 | DEC |
| | # OBS | 738 | 660 | 666 | - | - | 295 | 711 | 713 | 293 | 671 | 649 | 733 | 6129 |
| 2000 | MEAN | 2.9 | 2.6 | 2.7 | 2.6 | 2.2 | 1.9 | 2.3 | 2.4 | 2.0 | 2.6 | 3.0 | 2.7 | 2.5 |
| | MAXIMUM | 4.5 | 3.9 | 4.3 | 4.0 | 3.0 | 2.9 | 3.4 | 3.4 | 3.0 | 3.6 | 4.4 | 4.2 | 4.5 |
| | DAY-HR | 09-08 | 20-22 | 19-19 | 02-19 | 19-06 | 06-07 | 07-06 | 21-13 | 07-17 | 21-06 | 20-21 | 26-12 | JAN |
| | # OBS | 716 | 681 | 731 | 692 | 724 | 691 | 717 | 703 | 680 | 726 | 703 | 737 | 8501 |
| 2001 | MEAN | 3.0 | 2.8 | 2.6 | 2.8 | 2.0 | 1.9 | 2.2 | 2.3 | 2.2 | 2.4 | 2.7 | 3.4 | 2.5 |
| | MAXIMUM | 4.6 | 4.2 | 3.8 | 4.2 | 3.4 | 2.6 | 2.9 | 3.0 | 3.3 | 3.5 | 4.7 | 6.5 | 6.5 |
| | DAY-HR | 18-18 | 15-16 | 11-08 | 11-18 | 01-02 | 26-00 | 11-03 | 12-00 | 18-14 | 29-06 | 20-15 | 13-13 | DEC |
| | # OBS | 741 | 672 | 726 | 710 | 724 | 699 | 739 | 710 | 677 | 735 | 719 | 741 | 8593 |
| POR | MEAN | 2.7 | 2.8 | 2.7 | 2.5 | 2.2 | 2.1 | 2.2 | 2.2 | 2.1 | 2.2 | 2.7 | 2.9 | 2.4 |
| | MAXIMUM | 6.3 | 7.6 | 5.6 | 5.5 | 4.0 | 3.7 | 10.6 | 5.4 | 6.4 | 4.4 | 6.2 | 6.7 | 10.6 |
| | YEAR | 1989 | 1986 | 1985 | 1995 | 1990 | 1990 | 1986 | 1999 | 1990 | 1985 | 1998 | 1998 | JUL/1986 |
| | # OBS | 8430 | 8388 | 10216 | 9429 | 9981 | 10117 | 11790 | 11999 | 11029 | 11081 | 10434 | 10787 | 123681 |

STATION: 51004

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 | 0.1 | * | * | - | * | * | * | * | * | * | * | * | - | 0.2 | 20 | |
| 1 - 3 | | 0.1 | 0.2 | 0.2 | 0.3 | 0.5 | 0.2 | 0.2 | 0.2 | 0.2 | 0.3 | 0.1 | 0.2 | 2.6 | 240 | |
| 4 - 6 | | 0.2 | 0.4 | 1.1 | 1.2 | 0.9 | 0.7 | 0.4 | 0.3 | 0.4 | 0.3 | 0.1 | 0.2 | 6.4 | 580 | |
| 7 - 10 | | 0.4 | 1.7 | 3.9 | 4.4 | 3.2 | 1.5 | 0.8 | 0.7 | 0.4 | 0.4 | 0.3 | 0.2 | 17.8 | 1626 | |
| 11 - 15 | | 0.5 | 2.9 | 11.2 | 10.5 | 3.2 | 1.3 | 0.8 | 0.5 | 0.4 | 0.5 | 0.3 | 0.1 | 32.2 | 2937 | |
| 16 - 20 | | 0.2 | 2.9 | 15.9 | 11.9 | 1.4 | 0.3 | 0.3 | 0.2 | 0.3 | 0.4 | 0.1 | * | 33.7 | 3076 | |
| 21 - 24 | | * | 0.4 | 3.5 | 2.4 | 0.2 | * | * | 0.1 | * | 0.1 | - | - | 6.7 | 608 | |
| 25 - 33 | | * | - | 0.2 | 0.1 | * | - | - | - | - | - | - | - | 0.3 | 28 | |
| 34 - 47 | | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 | |
| > 48 | | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 | |
| TOTAL % | 0.1 | 1.5 | 8.6 | 36.0 | 30.8 | 9.4 | 4.0 | 2.5 | 1.9 | 1.8 | 1.9 | 0.9 | 0.6 | 100.0 | | |
| TOTAL N | 6 | 141 | 781 | 3278 | 2807 | 857 | 368 | 231 | 175 | 160 | 171 | 81 | 59 | | 9115 | |

(* < 0.05%)

STATION: 51004

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 | 0.1 | * | * | * | 0.1 | * | * | * | * | - | * | * | * | 0.4 | 35 | |
| 1 - 3 | | 0.3 | 0.3 | 0.5 | 0.4 | 0.4 | 0.3 | 0.2 | 0.1 | 0.2 | 0.1 | 0.2 | 0.2 | 3.1 | 273 | |
| 4 - 6 | | 0.2 | 0.8 | 1.2 | 1.3 | 0.9 | 0.9 | 0.5 | 0.3 | 0.1 | 0.2 | 0.2 | 0.2 | 6.9 | 610 | |
| 7 - 10 | | 0.3 | 1.6 | 4.0 | 6.0 | 2.4 | 1.1 | 0.7 | 0.7 | 0.3 | 0.3 | 0.1 | 0.2 | 17.7 | 1568 | |
| 11 - 15 | | 0.9 | 2.3 | 12.0 | 14.8 | 2.2 | 0.6 | 0.4 | 0.5 | 0.4 | 0.2 | 0.2 | 0.1 | 34.7 | 3070 | |
| 16 - 20 | | 0.8 | 1.6 | 13.8 | 11.6 | 0.5 | 0.3 | 0.1 | 0.1 | 0.2 | 0.2 | 0.1 | 0.1 | 29.5 | 2611 | |
| 21 - 24 | | 0.1 | 0.4 | 4.6 | 1.7 | 0.1 | * | - | - | - | 0.1 | * | * | 6.9 | 614 | |
| 25 - 33 | | * | 0.1 | 0.7 | * | - | - | - | - | - | - | - | - | 0.9 | 76 | |
| 34 - 47 | | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 | |
| > 48 | | * | - | - | - | - | - | - | - | * | - | - | - | 0.0 | 2 | |

| | | | | | | | | | | | | | | | |
|---------|-----|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-------|------|
| TOTAL % | 0.1 | 2.7 | 7.0 | 36.8 | 35.9 | 6.4 | 3.2 | 1.9 | 1.7 | 1.3 | 1.2 | 0.8 | 0.8 | 100.0 | |
| TOTAL N | 9 | 242 | 622 | 3258 | 3181 | 568 | 285 | 171 | 154 | 119 | 110 | 72 | 68 | | 8859 |

(* < 0.05%)

STATION: 51004

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 | 0.0 | - | - | - | * | - | - | - | * | - | - | - | * | 0.1 | 7 |
| 1 - 3 | | 0.1 | * | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | * | 1.2 | 126 |
| 4 - 6 | | 0.1 | 0.1 | 0.7 | 0.6 | 0.4 | 0.3 | 0.3 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 | 3.1 | 317 |
| 7 - 10 | | 0.4 | 0.8 | 3.1 | 3.1 | 1.4 | 0.6 | 0.5 | 0.2 | 0.2 | 0.3 | 0.2 | 0.1 | 10.8 | 1112 |
| 11 - 15 | | 0.4 | 2.8 | 16.2 | 12.3 | 1.5 | 0.6 | 0.2 | 0.2 | 0.3 | 0.3 | 0.1 | * | 35.2 | 3609 |
| 16 - 20 | | 0.2 | 2.3 | 24.3 | 12.1 | 0.5 | 0.2 | * | 0.1 | 0.1 | 0.1 | - | * | 40.1 | 4110 |
| 21 - 24 | | * | 1.4 | 5.0 | 1.6 | 0.2 | 0.1 | * | * | - | - | * | * | 8.3 | 853 |
| 25 - 33 | | * | 0.6 | 0.4 | 0.1 | 0.1 | * | * | - | - | - | - | - | 1.2 | 127 |
| 34 - 47 | | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| > 48 | | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| TOTAL % | 0.0 | 1.2 | 8.1 | 49.8 | 29.9 | 4.3 | 2.1 | 1.3 | 0.8 | 0.9 | 0.8 | 0.6 | 0.3 | 100.0 | |
| TOTAL N | 2 | 126 | 831 | 5107 | 3071 | 440 | 212 | 129 | 77 | 90 | 87 | 59 | 30 | | 10261 |

(* < 0.05%)

STATION: 51004

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 | 0.1 | * | * | * | * | * | * | * | * | * | - | * | * | 0.3 | 24 |
| 1 - 3 | | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.1 | 0.2 | 0.1 | * | * | 0.1 | 0.1 | 1.1 | 104 |
| 4 - 6 | | 0.2 | 0.2 | 0.4 | 0.7 | 0.5 | 0.6 | 0.2 | 0.1 | * | - | * | 0.1 | 2.9 | 275 |
| 7 - 10 | | 0.3 | 1.1 | 3.0 | 3.5 | 1.0 | 0.5 | * | 0.1 | * | 0.1 | 0.1 | 0.1 | 9.9 | 943 |
| 11 - 15 | | 0.2 | 2.4 | 16.5 | 15.1 | 1.2 | 0.5 | 0.2 | 0.1 | * | * | - | * | 36.3 | 3440 |
| 16 - 20 | | 0.1 | 2.8 | 24.6 | 16.2 | 0.3 | * | * | - | - | - | * | * | 43.9 | 4168 |
| 21 - 24 | | * | 0.6 | 3.3 | 1.4 | * | - | - | - | - | - | - | - | 5.3 | 507 |
| 25 - 33 | | * | * | 0.2 | * | - | - | - | - | - | - | - | - | 0.2 | 23 |
| 34 - 47 | | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| > 48 | | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| TOTAL % | 0.1 | 1.0 | 7.2 | 48.1 | 37.0 | 3.3 | 1.7 | 0.6 | 0.3 | 0.1 | 0.2 | 0.2 | 0.2 | 100.0 | |
| TOTAL N | 8 | 92 | 687 | 4561 | 3511 | 312 | 162 | 59 | 32 | 7 | 16 | 15 | 22 | | 9484 |

(* < 0.05%)

STATION: 51004

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 | 0.1 | * | - | * | * | * | * | * | * | * | * | - | - | 0.3 | 27 |
| 1 - 3 | | 0.2 | 0.2 | 0.3 | 0.5 | 0.4 | 0.4 | 0.2 | 0.1 | * | * | 0.1 | 0.1 | 2.6 | 259 |
| 4 - 6 | | 0.4 | 1.0 | 1.3 | 1.3 | 1.0 | 0.3 | 0.1 | * | * | 0.1 | 0.1 | 0.1 | 5.9 | 596 |
| 7 - 10 | | 0.9 | 1.6 | 4.6 | 4.8 | 2.4 | 0.8 | 0.1 | * | * | * | 0.1 | 0.1 | 15.4 | 1551 |
| 11 - 15 | | 0.5 | 2.9 | 21.9 | 15.6 | 0.9 | 0.1 | * | * | * | - | * | * | 41.9 | 4223 |
| 16 - 20 | | 0.1 | 2.1 | 21.0 | 9.2 | 0.1 | * | - | - | - | - | - | - | 32.5 | 3281 |
| 21 - 24 | | * | 0.1 | 0.7 | 0.5 | * | - | - | - | - | - | - | - | 1.4 | 143 |
| 25 - 33 | | * | - | - | * | - | - | - | - | - | - | - | - | 0.0 | 2 |
| 34 - 47 | | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| > 48 | | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| TOTAL % | 0.1 | 2.2 | 8.0 | 49.9 | 31.8 | 4.8 | 1.6 | 0.5 | 0.1 | 0.2 | 0.2 | 0.3 | 0.3 | 100.0 | |
| TOTAL N | 8 | 226 | 802 | 5031 | 3210 | 485 | 159 | 49 | 14 | 16 | 18 | 34 | 30 | | 10082 |

(* < 0.05%)

STATION: 51004

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 | 0.0 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 1 - 3 | | * | * | * | * | 0.1 | * | - | - | - | * | - | * | 0.2 | 22 |
| 4 - 6 | | * | * | 0.2 | 0.2 | 0.3 | * | * | - | - | - | - | - | 0.7 | 71 |
| 7 - 10 | | 0.1 | 0.6 | 3.1 | 2.5 | 0.5 | * | - | - | - | - | - | - | 6.8 | 682 |
| 11 - 15 | | * | 2.7 | 32.0 | 18.2 | 0.6 | * | - | - | - | - | - | - | 53.5 | 5330 |
| 16 - 20 | | 0.1 | 2.4 | 24.9 | 10.0 | 0.2 | * | - | - | - | - | - | - | 37.6 | 3746 |

| | | | | | | | | | | | | | | | |
|---------|-----|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-------|------|
| 21 - 24 | - | * | 0.7 | 0.5 | - | - | - | - | - | - | - | - | - | 1.2 | 118 |
| 25 - 33 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 34 - 47 | - | - | - | * | - | - | - | - | - | - | - | - | - | 0.0 | 1 |
| > 48 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| TOTAL % | 0.0 | 0.3 | 5.8 | 60.9 | 31.4 | 1.5 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 0 | 27 | 576 | 6069 | 3131 | 152 | 12 | 1 | 0 | 0 | 1 | 0 | 1 | | 9970 |

(* < 0.05%)

STATION: 51004

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 | 0.0 | - | - | - | * | * | - | - | - | - | - | - | - | 0.0 | 2 |
| 1 - 3 | | * | - | * | * | * | * | 0.1 | - | * | * | * | * | 0.2 | 21 |
| 4 - 6 | | 0.1 | 0.1 | 0.2 | 0.2 | 0.1 | * | - | - | * | * | * | 0.1 | 0.7 | 83 |
| 7 - 10 | | 0.1 | 0.7 | 3.2 | 2.8 | 0.4 | * | 0.1 | * | * | - | - | * | 7.3 | 818 |
| 11 - 15 | | * | 3.2 | 35.0 | 17.0 | 1.0 | * | - | - | - | - | - | - | 56.2 | 6292 |
| 16 - 20 | | * | 2.0 | 22.9 | 8.9 | 0.1 | * | - | - | - | - | - | - | 34.0 | 3809 |
| 21 - 24 | | - | 0.2 | 0.8 | 0.3 | * | * | - | - | - | - | - | - | 1.4 | 154 |
| 25 - 33 | | - | * | * | * | * | - | - | - | - | - | - | - | 0.1 | 12 |
| 34 - 47 | | - | * | - | * | * | - | - | - | - | - | - | - | 0.1 | 6 |
| > 48 | | * | - | - | * | - | - | - | - | - | - | - | - | 0.0 | 2 |
| TOTAL % | 0.0 | 0.2 | 6.2 | 62.1 | 29.3 | 1.7 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 100.0 | |
| TOTAL N | 0 | 27 | 697 | 6950 | 3285 | 189 | 17 | 12 | 2 | 2 | 5 | 4 | 9 | | 11199 |

(* < 0.05%)

STATION: 51004

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 | 0.0 | - | - | - | - | - | - | * | - | * | - | - | - | 0.0 | 5 |
| 1 - 3 | | * | 0.1 | * | * | * | * | * | * | * | 0.1 | * | * | 0.4 | 43 |
| 4 - 6 | | 0.1 | 0.3 | 0.3 | 0.4 | 0.1 | * | * | * | - | * | - | - | 1.2 | 137 |
| 7 - 10 | | 0.2 | 1.4 | 4.0 | 2.7 | 0.3 | 0.1 | * | * | * | * | * | * | 8.9 | 1019 |
| 11 - 15 | | 0.3 | 4.7 | 31.7 | 13.8 | 0.4 | 0.1 | * | * | - | 0.1 | 0.1 | 0.1 | 51.4 | 5860 |
| 16 - 20 | | 0.1 | 2.7 | 26.5 | 7.0 | 0.1 | * | - | - | - | - | * | * | 36.3 | 4144 |
| 21 - 24 | | * | 0.2 | 1.0 | 0.3 | * | - | - | - | - | - | - | - | 1.6 | 187 |
| 25 - 33 | | * | * | * | * | - | - | - | - | - | - | - | - | 0.1 | 8 |
| 34 - 47 | | - | - | - | * | - | - | - | - | - | - | - | - | 0.0 | 1 |
| > 48 | | - | - | * | - | - | - | - | - | - | - | - | - | 0.0 | 2 |
| TOTAL % | 0.0 | 0.8 | 9.4 | 63.5 | 24.3 | 1.0 | 0.3 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 100.0 | |
| TOTAL N | 2 | 86 | 1076 | 7243 | 2768 | 109 | 30 | 11 | 8 | 6 | 22 | 23 | 22 | | 11406 |

(* < 0.05%)

STATION: 51004

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 | 0.1 | * | * | - | * | * | * | - | - | - | * | * | - | 0.2 | 23 |
| 1 - 3 | | 0.1 | 0.1 | 0.2 | 0.3 | 0.3 | 0.1 | 0.1 | * | * | 0.1 | 0.1 | 0.1 | 1.5 | 166 |
| 4 - 6 | | 0.2 | 0.4 | 1.0 | 1.0 | 0.5 | 0.2 | 0.1 | * | * | - | * | * | 3.6 | 395 |
| 7 - 10 | | 0.5 | 1.7 | 7.1 | 5.5 | 0.9 | 0.3 | 0.1 | * | * | - | * | 0.1 | 16.0 | 1774 |
| 11 - 15 | | 0.9 | 4.1 | 30.5 | 16.2 | 0.9 | 0.2 | * | * | * | - | * | 0.2 | 53.0 | 5862 |
| 16 - 20 | | 0.1 | 2.4 | 14.9 | 6.9 | 0.3 | * | * | - | - | - | * | * | 24.7 | 2730 |
| 21 - 24 | | * | 0.1 | 0.5 | 0.2 | * | - | - | - | - | - | - | - | 0.8 | 83 |
| 25 - 33 | | * | - | * | 0.1 | - | - | - | - | - | - | - | - | 0.2 | 21 |
| 34 - 47 | | * | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 5 |
| > 48 | | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| TOTAL % | 0.1 | 1.9 | 8.8 | 54.2 | 30.4 | 2.8 | 0.8 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.4 | 100.0 | |
| TOTAL N | 12 | 211 | 971 | 5990 | 3357 | 315 | 89 | 27 | 11 | 9 | 10 | 13 | 44 | | 11059 |

(* < 0.05%)

STATION: 51004

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 | 0.0 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 1 |
| 1 - 3 | | * | * | * | * | * | * | - | * | - | - | - | * | 0.2 | 20 |

| | | | | | | | | | | | | | | |
|---------|-----|-----|------|------|------|-----|-----|-----|-----|-----|-----|-----|-------|-------|
| 4 - 6 | 0.1 | 0.2 | 0.4 | 0.4 | 0.3 | 0.1 | * | - | - | - | - | * | 1.5 | 172 |
| 7 - 10 | 0.2 | 1.1 | 5.9 | 4.7 | 1.0 | 0.3 | 0.1 | * | - | - | - | * | 13.2 | 1470 |
| 11 - 15 | 0.3 | 3.6 | 28.5 | 14.5 | 1.9 | 0.3 | 0.1 | * | * | * | * | - | 49.3 | 5492 |
| 16 - 20 | 0.1 | 2.3 | 22.3 | 8.3 | 1.0 | 0.1 | * | 0.1 | * | - | - | - | 34.1 | 3803 |
| 21 - 24 | - | 0.1 | 1.0 | 0.5 | 0.1 | - | - | - | - | - | - | - | 1.7 | 187 |
| 25 - 33 | - | * | * | - | - | - | - | - | - | - | - | - | 0.0 | 4 |
| 34 - 47 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| > 48 | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| TOTAL % | 0.0 | 0.6 | 7.4 | 58.2 | 28.4 | 4.3 | 0.8 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 1 | 67 | 821 | 6485 | 3162 | 483 | 87 | 21 | 12 | 3 | 2 | 1 | 4 | 11149 |

(* < 0.05%)

STATION: 51004

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

Month: NOV

| | | WIND DIRECTION | | | | | | | | | | | | TOT % | TOT N |
|------------|------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| WIND SPEED | 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 | 0.1 | * | - | * | 0.1 | * | * | * | - | - | * | - | - | 0.3 | 31 |
| 1 - 3 | | 0.2 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | * | 0.1 | 1.6 | 166 |
| 4 - 6 | | 0.4 | 0.3 | 0.3 | 0.6 | 0.6 | 0.3 | 0.2 | 0.1 | 0.1 | * | * | 0.2 | 3.1 | 336 |
| 7 - 10 | | 0.2 | 0.8 | 2.6 | 2.6 | 1.9 | 0.6 | 0.2 | 0.2 | 0.1 | 0.1 | * | * | 9.1 | 979 |
| 11 - 15 | | 0.5 | 2.5 | 13.9 | 12.2 | 3.0 | 0.7 | 0.2 | 0.1 | * | * | * | * | 33.0 | 3532 |
| 16 - 20 | | 0.2 | 2.3 | 23.3 | 15.4 | 2.0 | 0.1 | * | * | - | - | - | * | 43.3 | 4638 |
| 21 - 24 | | * | 0.3 | 6.0 | 2.1 | 0.3 | * | - | - | - | - | - | * | 8.8 | 943 |
| 25 - 33 | | - | * | 0.5 | 0.2 | 0.1 | - | - | - | - | - | - | - | 0.7 | 80 |
| 34 - 47 | | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| > 48 | | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| TOTAL % | 0.1 | 1.4 | 6.4 | 46.8 | 33.2 | 8.0 | 1.9 | 0.8 | 0.6 | 0.3 | 0.2 | 0.1 | 0.3 | 100.0 | |
| TOTAL N | 13 | 147 | 680 | 5008 | 3555 | 852 | 203 | 81 | 62 | 36 | 26 | 11 | 31 | | 10705 |

(* < 0.05%)

STATION: 51004

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

Month: DEC

| | | WIND DIRECTION | | | | | | | | | | | | TOT % | TOT N |
|------------|------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| WIND SPEED | 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 | 0.0 | * | * | * | * | * | * | * | - | * | * | * | * | 0.1 | 17 |
| 1 - 3 | | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | * | 0.1 | * | 1.1 | 130 |
| 4 - 6 | | 0.2 | 0.3 | 0.5 | 0.7 | 0.5 | 0.2 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 2.9 | 337 |
| 7 - 10 | | 0.6 | 0.9 | 2.4 | 3.4 | 1.7 | 0.8 | 0.5 | 0.5 | 0.2 | 0.2 | 0.2 | 0.2 | 11.5 | 1334 |
| 11 - 15 | | 0.6 | 1.8 | 9.2 | 12.2 | 3.4 | 1.5 | 1.1 | 1.0 | 0.3 | 0.2 | 0.1 | 0.4 | 31.8 | 3673 |
| 16 - 20 | | 0.5 | 2.5 | 18.2 | 14.5 | 1.2 | 0.3 | 0.1 | 0.1 | 0.1 | 0.1 | - | 0.2 | 37.7 | 4353 |
| 21 - 24 | | - | 1.0 | 8.3 | 3.3 | 0.2 | - | * | - | - | - | - | - | 12.8 | 1476 |
| 25 - 33 | | - | 0.1 | 1.4 | 0.5 | * | - | - | - | - | - | - | - | 2.0 | 232 |
| 34 - 47 | | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| > 48 | | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| TOTAL % | 0.0 | 2.1 | 6.6 | 40.0 | 34.8 | 7.2 | 2.9 | 2.0 | 1.7 | 0.7 | 0.6 | 0.5 | 0.9 | 100.0 | |
| TOTAL N | 2 | 244 | 757 | 4618 | 4024 | 832 | 335 | 233 | 201 | 86 | 64 | 56 | 100 | | 11552 |

(* < 0.05%)

STATION: 51004

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

All Months: Annual

| | | WIND DIRECTION | | | | | | | | | | | | TOT % | TOT N |
|------------|------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| WIND SPEED | 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 | 0.1 | * | * | * | * | * | * | * | * | * | * | * | * | 0.2 | 192 |
| 1 - 3 | | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 1.3 | 1570 |
| 4 - 6 | | 0.2 | 0.3 | 0.6 | 0.7 | 0.5 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 3.1 | 3909 |
| 7 - 10 | | 0.4 | 1.2 | 3.9 | 3.8 | 1.4 | 0.5 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 11.9 | 14876 |
| 11 - 15 | | 0.4 | 3.0 | 21.9 | 14.4 | 1.7 | 0.5 | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 42.7 | 53320 |
| 16 - 20 | | 0.2 | 2.4 | 21.2 | 10.9 | 0.7 | 0.1 | * | * | 0.1 | 0.1 | * | * | 35.6 | 44469 |
| 21 - 24 | | * | 0.4 | 2.9 | 1.2 | 0.1 | * | * | * | * | * | * | * | 4.7 | 5873 |
| 25 - 33 | | * | 0.1 | 0.3 | 0.1 | * | * | * | - | - | - | - | - | 0.5 | 613 |
| 34 - 47 | | * | * | - | * | * | - | - | - | - | - | - | - | 0.0 | 13 |
| > 48 | | * | - | * | * | - | - | - | - | * | - | - | - | 0.0 | 6 |
| TOTAL % | 0.1 | 1.3 | 7.5 | 50.9 | 31.3 | 4.5 | 1.6 | 0.8 | 0.6 | 0.4 | 0.4 | 0.3 | 0.3 | 100.0 | |
| TOTAL N | 63 | 1636 | 9301 | 63598 | 39062 | 5594 | 1959 | 1025 | 748 | 534 | 532 | 369 | 420 | | 124841 |

(* < 0.05%)

STATION: 51004

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 | 0.1 | * | * | * | * | * | * | * | * | * | * | * | * | * | 0.2 | 72 |
| 1 - 3 | | 0.1 | 0.2 | 0.2 | 0.3 | 0.3 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 2.2 | 643 |
| 4 - 6 | | 0.2 | 0.5 | 0.9 | 1.1 | 0.7 | 0.6 | 0.3 | 0.3 | 0.2 | 0.2 | 0.1 | 0.1 | 5.2 | 1527 | |
| 7 - 10 | | 0.5 | 1.4 | 3.3 | 4.5 | 2.3 | 1.1 | 0.6 | 0.6 | 0.3 | 0.3 | 0.2 | 0.2 | 15.3 | 4528 | |
| 11 - 15 | | 0.7 | 2.3 | 10.7 | 12.5 | 3.0 | 1.2 | 0.8 | 0.7 | 0.4 | 0.3 | 0.2 | 0.2 | 32.8 | 9680 | |
| 16 - 20 | | 0.5 | 2.3 | 16.2 | 12.8 | 1.1 | 0.3 | 0.1 | 0.1 | 0.2 | 0.2 | * | 0.1 | 34.0 | 10040 | |
| 21 - 24 | | * | 0.6 | 5.7 | 2.5 | 0.2 | * | * | * | * | * | * | * | 9.1 | 2698 | |
| 25 - 33 | | * | 0.1 | 0.8 | 0.2 | * | - | - | - | - | - | - | - | 1.1 | 336 | |
| 34 - 47 | | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 | |
| > 48 | | * | - | - | - | - | - | - | - | * | - | - | - | 0.0 | 2 | |
| TOTAL % | 0.1 | 2.1 | 7.3 | 37.8 | 33.9 | 7.6 | 3.3 | 2.2 | 1.8 | 1.2 | 1.2 | 0.7 | 0.8 | 100.0 | | |
| TOTAL N | 17 | 627 | 2160 | 11154 | 10012 | 2257 | 988 | 635 | 530 | 365 | 345 | 209 | 227 | | 29526 | |

STATION: 51004

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 | 0.1 | * | * | * | * | * | * | * | * | * | * | * | * | * | 0.2 | 58 |
| 1 - 3 | | 0.1 | 0.1 | 0.2 | 0.3 | 0.3 | 0.2 | 0.2 | 0.1 | * | 0.1 | 0.1 | * | 1.6 | 489 | |
| 4 - 6 | | 0.2 | 0.4 | 0.8 | 0.9 | 0.7 | 0.4 | 0.2 | 0.1 | 0.1 | * | 0.1 | 0.1 | 4.0 | 1188 | |
| 7 - 10 | | 0.5 | 1.2 | 3.6 | 3.8 | 1.6 | 0.6 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 12.1 | 3606 | |
| 11 - 15 | | 0.4 | 2.7 | 18.2 | 14.3 | 1.2 | 0.4 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | * | 37.8 | 11272 | |
| 16 - 20 | | 0.1 | 2.4 | 23.3 | 12.4 | 0.3 | 0.1 | * | * | * | * | * | * | 38.8 | 11559 | |
| 21 - 24 | | * | 0.7 | 3.0 | 1.1 | 0.1 | * | * | * | - | - | * | * | 5.0 | 1503 | |
| 25 - 33 | | * | 0.2 | 0.2 | * | * | * | * | - | - | - | - | - | 0.5 | 152 | |
| 34 - 47 | | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 | |
| > 48 | | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 | |
| TOTAL % | 0.1 | 1.5 | 7.8 | 49.3 | 32.8 | 4.1 | 1.8 | 0.8 | 0.4 | 0.4 | 0.4 | 0.4 | 0.3 | 100.0 | | |
| TOTAL N | 18 | 444 | 2320 | 14699 | 9792 | 1237 | 533 | 237 | 123 | 113 | 121 | 108 | 82 | | 29827 | |

STATION: 51004

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 | 0.0 | - | - | - | * | * | - | * | - | * | * | - | - | 0.0 | 7 | |
| 1 - 3 | | * | * | * | * | * | * | * | * | * | * | * | * | 0.3 | 86 | |
| 4 - 6 | | 0.1 | 0.1 | 0.2 | 0.3 | 0.1 | * | * | * | - | * | * | * | 0.9 | 291 | |
| 7 - 10 | | 0.2 | 0.9 | 3.4 | 2.7 | 0.4 | 0.1 | * | * | * | * | * | * | 7.7 | 2519 | |
| 11 - 15 | | 0.1 | 3.6 | 32.9 | 16.2 | 0.7 | * | * | * | - | * | * | 0.1 | 53.7 | 17482 | |
| 16 - 20 | | * | 2.4 | 24.8 | 8.5 | 0.1 | * | - | - | - | - | * | * | 35.9 | 11699 | |
| 21 - 24 | | * | 0.2 | 0.8 | 0.4 | * | * | - | - | - | - | - | - | 1.4 | 459 | |
| 25 - 33 | | * | * | * | * | * | - | - | - | - | - | - | - | 0.1 | 20 | |
| 34 - 47 | | - | * | - | * | * | - | - | - | - | - | - | - | 0.0 | 8 | |
| > 48 | | * | - | * | * | - | - | - | - | - | - | - | - | 0.0 | 4 | |
| TOTAL % | 0.0 | 0.4 | 7.2 | 62.2 | 28.2 | 1.4 | 0.2 | 0.1 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 100.0 | | |
| TOTAL N | 2 | 140 | 2349 | 20262 | 9184 | 450 | 59 | 24 | 10 | 8 | 28 | 27 | 32 | | 32575 | |

STATION: 51004

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 | 0.1 | * | * | * | * | * | * | * | - | - | * | * | - | 0.2 | 55 | |
| 1 - 3 | | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | * | 0.1 | * | 0.1 | 1.1 | 352 | |
| 4 - 6 | | 0.2 | 0.3 | 0.6 | 0.7 | 0.4 | 0.2 | 0.1 | 0.1 | 0.1 | * | * | 0.1 | 2.7 | 903 | |
| 7 - 10 | | 0.3 | 1.2 | 5.2 | 4.3 | 1.3 | 0.4 | 0.1 | 0.1 | * | * | * | * | 12.8 | 4223 | |
| 11 - 15 | | 0.6 | 3.4 | 24.4 | 14.3 | 1.9 | 0.4 | 0.1 | * | * | * | * | 0.1 | 45.2 | 14886 | |
| 16 - 20 | | 0.1 | 2.3 | 20.1 | 10.1 | 1.1 | 0.1 | * | * | * | - | * | * | 33.9 | 11171 | |
| 21 - 24 | | * | 0.2 | 2.4 | 0.9 | 0.1 | * | - | - | - | - | - | * | 3.7 | 1213 | |
| 25 - 33 | | * | * | 0.2 | 0.1 | * | - | - | - | - | - | - | - | 0.3 | 105 | |
| 34 - 47 | | * | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 5 | |
| > 48 | | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 | |
| TOTAL % | 0.1 | 1.3 | 7.5 | 53.1 | 30.6 | 5.0 | 1.2 | 0.4 | 0.3 | 0.1 | 0.1 | 0.1 | 0.2 | 100.0 | | |
| TOTAL N | 26 | 425 | 2472 | 17483 | 10074 | 1650 | 379 | 129 | 85 | 48 | 38 | 25 | 79 | | 32913 | |

STATION: 51004

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- | >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 | TOT % | TOT N |
| 1 - 3 | - | * | 0.1 | 0.1 | - | - | - | - | - | - | - | - | - | - | - | 0.2 | 17 |
| 4 - 6 | - | 0.1 | 1.5 | 0.8 | * | * | - | - | - | - | - | - | - | - | - | 2.4 | 203 |
| 7 - 10 | - | 0.2 | 3.8 | 1.8 | 0.3 | 0.1 | - | - | - | - | - | - | - | - | - | 6.1 | 511 |
| 11 - 15 | - | 0.3 | 10.1 | 5.6 | 0.6 | 0.1 | * | - | - | - | - | - | - | - | - | 16.7 | 1408 |
| 16 - 20 | - | 0.3 | 13.6 | 15.8 | 1.8 | 0.1 | - | - | - | - | - | - | - | - | - | 31.6 | 2662 |
| 21 - 24 | - | - | 5.6 | 23.2 | 6.3 | 0.3 | - | - | - | - | - | - | - | - | - | 35.4 | 2985 |
| 25 - 33 | - | - | 0.2 | 3.0 | 3.2 | 0.6 | * | - | - | - | - | - | - | - | - | 7.0 | 591 |
| 34 - 47 | - | - | - | 0.1 | 0.1 | 0.2 | * | - | - | - | - | - | - | - | - | 0.3 | 28 |
| > 48 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| TOTAL % | 0.0 | 0.9 | 34.8 | 50.6 | 12.3 | 1.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 0 | 74 | 2932 | 4267 | 1038 | 116 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 8430 |

(* < 0.05%)

STATION: 51004

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 | TOT % | TOT N |
| 1 - 3 | - | - | 0.3 | 0.1 | * | 0.1 | - | - | - | - | - | - | - | - | - | 0.4 | 34 |
| 4 - 6 | - | 0.1 | 1.4 | 1.1 | 0.3 | 0.2 | * | - | - | - | - | - | - | - | - | 3.1 | 262 |
| 7 - 10 | - | 0.2 | 3.6 | 2.3 | 0.6 | 0.3 | * | 0.1 | * | - | - | - | - | - | - | 7.1 | 592 |
| 11 - 15 | - | 0.3 | 10.3 | 5.2 | 1.5 | 0.4 | 0.1 | * | - | - | - | - | - | - | - | 17.8 | 1496 |
| 16 - 20 | - | 0.2 | 15.5 | 14.8 | 3.0 | 0.3 | * | * | - | - | - | - | - | - | - | 34.0 | 2848 |
| 21 - 24 | - | * | 4.7 | 19.6 | 4.6 | 0.4 | 0.2 | - | - | - | - | - | - | - | - | 29.4 | 2469 |
| 25 - 33 | - | * | 0.1 | 2.7 | 3.9 | 0.4 | 0.1 | - | - | - | - | - | - | - | - | 7.3 | 611 |
| 34 - 47 | - | - | - | * | 0.4 | 0.2 | 0.2 | * | - | - | - | - | - | - | - | 0.9 | 76 |
| > 48 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| TOTAL % | 0.0 | 0.9 | 36.0 | 45.7 | 14.4 | 2.2 | 0.7 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 0 | 72 | 3016 | 3836 | 1207 | 186 | 58 | 12 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | | 8388 |

(* < 0.05%)

STATION: 51004

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 | TOT % | TOT N |
| 1 - 3 | - | * | 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | 0.1 | 7 |
| 4 - 6 | - | * | 0.9 | 0.3 | * | - | - | - | - | - | - | - | - | - | - | 1.2 | 126 |
| 7 - 10 | - | 0.1 | 2.3 | 0.6 | 0.1 | - | - | - | - | - | - | - | - | - | - | 3.1 | 313 |
| 11 - 15 | - | 0.2 | 7.2 | 3.1 | 0.3 | * | - | - | - | - | - | - | - | - | - | 10.8 | 1107 |
| 16 - 20 | - | 0.1 | 19.8 | 14.3 | 1.0 | * | - | - | - | - | - | - | - | - | - | 35.2 | 3596 |
| 21 - 24 | - | - | 8.1 | 27.6 | 4.3 | 0.1 | - | - | - | - | - | - | - | - | - | 40.0 | 4091 |
| 25 - 33 | - | - | 0.2 | 3.5 | 4.1 | 0.6 | - | - | - | - | - | - | - | - | - | 8.3 | 850 |
| 34 - 47 | - | - | * | 0.1 | 0.5 | 0.7 | * | - | - | - | - | - | - | - | - | 1.2 | 126 |
| > 48 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| TOTAL % | 0.0 | 0.4 | 38.5 | 49.5 | 10.2 | 1.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 0 | 41 | 3937 | 5054 | 1038 | 143 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 10216 |

(* < 0.05%)

STATION: 51004

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 | TOT % | TOT N |
| 1 - 3 | - | - | 0.2 | * | - | - | - | - | - | - | - | - | - | - | - | 0.2 | 23 |
| 4 - 6 | - | 0.1 | 0.9 | 0.1 | - | - | - | - | - | - | - | - | - | - | - | 1.1 | 100 |
| 7 - 10 | - | 0.2 | 2.5 | 0.2 | - | - | - | - | - | - | - | - | - | - | - | 2.9 | 271 |
| 11 - 15 | - | 0.1 | 8.2 | 1.5 | 0.1 | - | - | - | - | - | - | - | - | - | - | 9.9 | 935 |
| 16 - 20 | - | * | 23.4 | 12.5 | 0.4 | - | - | - | - | - | - | - | - | - | - | 36.3 | 3425 |
| 21 - 24 | - | - | 11.6 | 29.0 | 3.1 | 0.1 | - | - | - | - | - | - | - | - | - | 43.9 | 4142 |
| 25 - 33 | - | - | 0.1 | 3.1 | 1.7 | 0.4 | * | - | - | - | - | - | - | - | - | 5.4 | 505 |
| 34 - 47 | - | - | - | 0.1 | * | 0.1 | - | - | - | - | - | - | - | - | - | 0.2 | 23 |
| > 48 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| TOTAL % | 0.0 | 0.4 | 38.5 | 49.5 | 10.2 | 1.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 0 | 41 | 3937 | 5054 | 1038 | 143 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 10216 |

(* < 0.05%)

| | | | | | | | | | | | | | | | | | |
|---------|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|------|--|
| TOTAL % | 0.0 | 0.4 | 47.0 | 46.5 | 5.4 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | | |
| TOTAL N | 0 | 40 | 4436 | 4385 | 508 | 59 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9429 | |

(* < 0.05%)

STATION: 51004

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

Month: MAY

| 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 | 27 |
| 1 - 3 | - | 0.3 | 2.1 | 0.2 | * | - | - | - | - | - | - | - | - | - | - | 2.6 | 258 |
| 4 - 6 | - | 1.1 | 4.3 | 0.6 | * | - | - | - | - | - | - | - | - | - | - | 6.0 | 596 |
| 7 - 10 | - | 1.8 | 12.9 | 0.7 | 0.1 | - | - | - | - | - | - | - | - | - | - | 15.4 | 1541 |
| 11 - 15 | - | 0.7 | 35.1 | 5.9 | 0.1 | - | - | - | - | - | - | - | - | - | - | 41.8 | 4169 |
| 16 - 20 | - | * | 15.4 | 17.0 | 0.1 | - | - | - | - | - | - | - | - | - | - | 32.5 | 3246 |
| 21 - 24 | - | - | 0.1 | 1.3 | 0.1 | - | - | - | - | - | - | - | - | - | - | 1.4 | 142 |
| 25 - 33 | - | - | - | * | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 2 |
| 34 - 47 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| > 48 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| TOTAL % | 0.0 | 3.9 | 70.0 | 25.7 | 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 | 0 | 391 | 6987 | 2564 | 39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9981 | |

(* < 0.05%)

STATION: 51004

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

Month: JUN

| 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 | - | 0.0 | 0 |
| 1 - 3 | - | * | 0.2 | - | - | - | - | - | - | - | - | - | - | - | - | 0.2 | 22 |
| 4 - 6 | - | 0.2 | 0.5 | * | - | - | - | - | - | - | - | - | - | - | - | 0.7 | 70 |
| 7 - 10 | - | 0.7 | 5.8 | 0.1 | - | - | - | - | - | - | - | - | - | - | - | 6.7 | 675 |
| 11 - 15 | - | 0.8 | 48.0 | 3.1 | - | - | - | - | - | - | - | - | - | - | - | 52.0 | 5256 |
| 16 - 20 | - | * | 22.7 | 13.6 | 0.1 | - | - | - | - | - | - | - | - | - | - | 36.4 | 3681 |
| 21 - 24 | - | - | 0.3 | 0.9 | * | - | - | - | - | - | - | - | - | - | - | 1.2 | 117 |
| 25 - 33 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 34 - 47 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| > 48 | - | - | 2.9 | - | - | - | - | - | - | - | - | - | - | - | - | 2.9 | 296 |
| TOTAL % | 0.0 | 1.8 | 80.4 | 17.8 | 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 | 178 | 8130 | 1798 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10117 | |

(* < 0.05%)

STATION: 51004

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

Month: JUL

| 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 | - | 0.0 | 2 |
| 1 - 3 | - | * | 0.2 | * | - | - | - | - | - | - | - | - | - | - | - | 0.2 | 21 |
| 4 - 6 | - | * | 0.6 | * | - | - | - | - | - | - | - | - | - | - | - | 0.7 | 81 |
| 7 - 10 | - | 0.5 | 6.1 | 0.3 | - | - | - | - | - | - | - | - | - | - | - | 6.9 | 811 |
| 11 - 15 | - | 0.4 | 48.6 | 4.0 | * | - | - | - | - | - | - | - | - | - | - | 53.0 | 6247 |
| 16 - 20 | - | - | 20.4 | 10.9 | 0.4 | 0.1 | - | - | - | - | - | - | - | - | - | 31.8 | 3748 |
| 21 - 24 | - | - | 0.1 | 0.8 | 0.3 | 0.1 | * | - | - | - | - | - | - | - | - | 1.3 | 150 |
| 25 - 33 | - | - | - | * | * | * | - | * | * | - | - | - | - | - | - | 0.1 | 12 |
| 34 - 47 | - | - | - | - | - | - | * | * | * | * | * | - | - | - | - | 0.1 | 6 |
| > 48 | - | 0.2 | 5.0 | 0.9 | * | - | - | - | - | - | - | * | - | - | - | 6.0 | 712 |
| TOTAL % | 0.0 | 1.0 | 81.0 | 17.0 | 0.8 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 0 | 122 | 9548 | 2002 | 92 | 15 | 2 | 3 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 11790 | |

(* < 0.05%)

STATION: 51004

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

Month: AUG

| 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 | - | 0.0 | 5 |
| 1 - 3 | - | - | 0.3 | 0.1 | - | - | - | - | - | - | - | - | - | - | - | 0.4 | 42 |
| 4 - 6 | - | 0.1 | 1.0 | * | - | - | - | - | - | - | - | - | - | - | - | 1.1 | 136 |

| | | | | | | | | | | | | | | | | | |
|---------|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|
| 7 - 10 | - | 0.4 | 7.7 | 0.3 | - | - | - | - | - | - | - | - | - | - | - | 8.4 | 1009 |
| 11 - 15 | - | 0.3 | 43.8 | 4.1 | 0.2 | * | - | - | - | - | - | - | - | - | - | 48.4 | 5806 |
| 16 - 20 | - | - | 19.2 | 14.6 | 0.3 | * | - | - | - | - | - | - | - | - | - | 34.1 | 4092 |
| 21 - 24 | - | - | 0.1 | 1.1 | 0.2 | 0.1 | - | - | - | - | - | - | - | - | - | 1.5 | 183 |
| 25 - 33 | - | - | - | - | * | * | * | - | - | - | - | - | - | - | - | 0.1 | 8 |
| 34 - 47 | - | - | - | - | * | - | - | - | - | - | - | - | - | - | - | 0.0 | 1 |
| > 48 | - | 0.1 | 4.6 | 1.1 | 0.1 | * | - | - | - | - | - | - | - | - | - | 6.0 | 717 |
| TOTAL % | 0.0 | 0.9 | 76.7 | 21.3 | 0.9 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 0 | 109 | 9209 | 2557 | 103 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 11999 |

(* < 0.05%)

STATION: 51004

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

Month: SEP

| | | 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 | TOT % | TOT N |
| 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 | | | |
| 0 | - | 0.1 | 0.1 | * | - | - | - | - | - | - | - | - | - | - | - | - | 0.2 | 23 |
| 1 - 3 | - | 0.6 | 0.8 | 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | 1.5 | 165 |
| 4 - 6 | - | 0.7 | 2.7 | 0.1 | * | - | - | - | - | - | - | - | - | - | - | - | 3.6 | 394 |
| 7 - 10 | - | 1.7 | 13.5 | 0.7 | 0.1 | * | - | - | - | - | - | - | - | - | - | - | 15.9 | 1759 |
| 11 - 15 | - | 0.8 | 45.9 | 5.1 | 0.4 | * | * | - | - | - | - | - | - | - | - | - | 52.3 | 5763 |
| 16 - 20 | - | * | 16.0 | 7.8 | 0.5 | * | - | - | - | - | - | - | - | - | - | - | 24.3 | 2681 |
| 21 - 24 | - | - | 0.1 | 0.4 | 0.2 | * | - | - | - | - | - | - | - | - | - | - | 0.8 | 83 |
| 25 - 33 | - | - | - | - | * | 0.1 | 0.1 | - | - | - | - | - | - | - | - | - | 0.2 | 18 |
| 34 - 47 | - | - | - | - | - | * | * | - | - | - | - | - | - | - | - | - | 0.0 | 5 |
| > 48 | - | - | 0.6 | 0.7 | * | - | - | - | - | - | - | - | - | - | - | - | 1.3 | 138 |
| TOTAL % | 0.0 | 3.8 | 79.7 | 15.0 | 1.2 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 0 | 422 | 8789 | 1651 | 134 | 21 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 11029 |

(* < 0.05%)

STATION: 51004

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

Month: OCT

| | | 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 | TOT % | TOT N |
| 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 | | | |
| 0 | - | - | * | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 1 |
| 1 - 3 | - | * | 0.2 | * | - | - | - | - | - | - | - | - | - | - | - | - | 0.2 | 20 |
| 4 - 6 | - | 0.1 | 1.4 | * | - | - | - | - | - | - | - | - | - | - | - | - | 1.5 | 171 |
| 7 - 10 | - | 0.3 | 12.1 | 0.7 | * | - | - | - | - | - | - | - | - | - | - | - | 13.2 | 1462 |
| 11 - 15 | - | 0.2 | 40.6 | 8.4 | 0.1 | - | - | - | - | - | - | - | - | - | - | - | 49.2 | 5457 |
| 16 - 20 | - | * | 15.0 | 18.8 | 0.4 | - | - | - | - | - | - | - | - | - | - | - | 34.1 | 3781 |
| 21 - 24 | - | - | 0.1 | 1.4 | 0.1 | - | - | - | - | - | - | - | - | - | - | - | 1.7 | 183 |
| 25 - 33 | - | - | - | * | * | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 4 |
| 34 - 47 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| > 48 | - | - | - | * | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 2 |
| TOTAL % | 0.0 | 0.6 | 69.4 | 29.4 | 0.6 | 0.0 | 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 | 67 | 7691 | 3254 | 69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 11081 |

(* < 0.05%)

STATION: 51004

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

Month: NOV

| | | 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 | TOT % | TOT N |
| 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 | | | |
| 0 | - | * | 0.2 | * | * | * | - | - | - | - | - | - | - | - | - | - | 0.3 | 31 |
| 1 - 3 | - | 0.2 | 1.1 | 0.2 | 0.1 | * | * | - | - | - | - | - | - | - | - | - | 1.6 | 164 |
| 4 - 6 | - | 0.2 | 2.1 | 0.8 | 0.1 | 0.1 | - | - | - | - | - | - | - | - | - | - | 3.2 | 336 |
| 7 - 10 | - | 0.1 | 6.3 | 2.5 | 0.2 | 0.1 | * | - | - | - | - | - | - | - | - | - | 9.3 | 973 |
| 11 - 15 | - | * | 19.1 | 12.2 | 1.3 | 0.4 | * | - | - | - | - | - | - | - | - | - | 33.0 | 3444 |
| 16 - 20 | - | - | 9.2 | 30.0 | 4.0 | 0.2 | * | - | - | - | - | - | - | - | - | - | 43.4 | 4525 |
| 21 - 24 | - | - | 0.1 | 3.8 | 4.1 | 0.4 | - | - | - | - | - | - | - | - | - | - | 8.5 | 882 |
| 25 - 33 | - | - | - | 0.1 | 0.4 | 0.2 | - | - | - | - | - | - | - | - | - | - | 0.8 | 79 |
| 34 - 47 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| > 48 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| TOTAL % | 0.0 | 0.5 | 38.1 | 49.7 | 10.2 | 1.4 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 0 | 53 | 3977 | 5184 | 1065 | 149 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 10434 |

(* < 0.05%)

STATION: 51004

| | | | | | | | | | | | | | | | | |
|---------|-----|-----|-------|-------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|
| TOTAL % | 0.0 | 1.6 | 51.8 | 40.5 | 5.4 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 0 | 472 | 15360 | 12003 | 1585 | 202 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 29626 |

(* < 0.05%)

STATION: 51004

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 | 0.0 | 7 |
| 1 - 3 | - | * | 0.2 | * | - | - | - | - | - | - | - | - | - | - | - | 0.3 | 85 |
| 4 - 6 | - | 0.1 | 0.7 | * | - | - | - | - | - | - | - | - | - | - | - | 0.8 | 287 |
| 7 - 10 | - | 0.5 | 6.6 | 0.3 | - | - | - | - | - | - | - | - | - | - | - | 7.4 | 2495 |
| 11 - 15 | - | 0.5 | 46.7 | 3.8 | 0.1 | * | - | - | - | - | - | - | - | - | - | 51.0 | 17309 |
| 16 - 20 | - | * | 20.6 | 13.0 | 0.3 | * | - | - | - | - | - | - | - | - | - | 34.0 | 11521 |
| 21 - 24 | - | - | 0.2 | 0.9 | 0.2 | * | * | - | - | - | - | - | - | - | - | 1.3 | 450 |
| 25 - 33 | - | - | - | * | * | * | * | * | * | * | * | * | * | * | * | 0.1 | 20 |
| 34 - 47 | - | - | - | - | * | * | * | * | * | * | * | * | * | * | * | 0.0 | 7 |
| > 48 | - | 0.1 | 4.2 | 0.7 | 0.1 | * | - | - | - | - | - | * | - | - | - | 5.1 | 1725 |
| TOTAL % | 0.0 | 1.2 | 79.3 | 18.7 | 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 | 0 | 409 | 26887 | 6357 | 206 | 36 | 2 | 3 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | | 33906 |

(* < 0.05%)

STATION: 51004

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 | 0.2 | 55 |
| 1 - 3 | - | 0.3 | 0.7 | 0.1 | * | * | * | - | - | - | - | - | - | - | - | 1.1 | 349 |
| 4 - 6 | - | 0.3 | 2.1 | 0.3 | * | * | - | - | - | - | - | - | - | - | - | 2.8 | 901 |
| 7 - 10 | - | 0.7 | 10.7 | 1.3 | 0.1 | * | * | - | - | - | - | - | - | - | - | 12.9 | 4194 |
| 11 - 15 | - | 0.3 | 35.5 | 8.5 | 0.6 | 0.1 | * | - | - | - | - | - | - | - | - | 45.1 | 14664 |
| 16 - 20 | - | * | 13.5 | 18.7 | 1.6 | 0.1 | * | - | - | - | - | - | - | - | - | 33.8 | 10987 |
| 21 - 24 | - | - | 0.1 | 1.8 | 1.4 | 0.2 | - | - | - | - | - | - | - | - | - | 3.5 | 1148 |
| 25 - 33 | - | - | - | * | 0.2 | 0.1 | * | - | - | - | - | - | - | - | - | 0.3 | 101 |
| 34 - 47 | - | - | - | - | - | * | * | - | - | - | - | - | - | - | - | 0.0 | 5 |
| > 48 | - | - | 0.2 | 0.2 | * | - | - | - | - | - | - | - | - | - | - | 0.4 | 140 |
| TOTAL % | 0.0 | 1.7 | 62.9 | 31.0 | 3.9 | 0.5 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 0 | 542 | 20457 | 10089 | 1268 | 170 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 32544 |

(* < 0.05%)

STATION: 51004

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 | 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 | 0.0 | 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 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 4.5 - 5.4 | - | * | 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | 0.1 | 10 |
| 5.5 - 6.4 | - | * | 0.4 | 0.1 | - | - | - | - | - | - | - | - | - | - | - | 0.6 | 48 |
| 6.5 - 7.4 | - | * | 0.9 | 0.6 | - | - | - | - | - | - | - | - | - | - | - | 1.5 | 125 |
| 7.5 - 8.4 | - | 0.2 | 4.8 | 5.3 | 0.4 | - | - | - | - | - | - | - | - | - | - | 10.7 | 905 |
| 8.5 - 9.4 | - | 0.2 | 6.0 | 8.6 | 1.0 | - | - | - | - | - | - | - | - | - | - | 15.8 | 1328 |
| 9.5 - 10.4 | - | 0.2 | 3.9 | 10.3 | 3.3 | * | - | - | - | - | - | - | - | - | - | 17.7 | 1491 |
| 10.5 - 11.4 | - | 0.1 | 3.3 | 4.1 | 2.6 | 0.6 | - | - | - | - | - | - | - | - | - | 10.6 | 892 |
| 11.5 - 12.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 12.5 - 13.4 | - | 0.1 | 7.2 | 4.3 | 0.9 | 0.4 | * | - | - | - | - | - | - | - | - | 13.0 | 1097 |
| 13.5 - 14.4 | - | * | 5.4 | 11.5 | 1.8 | 0.1 | * | - | - | - | - | - | - | - | - | 18.8 | 1581 |
| 14.5 - 15.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 15.5 - 16.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 16.5 - 17.4 | - | - | 2.3 | 5.0 | 1.7 | 0.1 | - | - | - | - | - | - | - | - | - | 9.2 | 772 |
| 17.5 - 18.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 18.5 - 19.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 19.5 - 20.4 | - | - | 0.5 | 0.7 | 0.7 | 0.2 | * | - | - | - | - | - | - | - | - | 2.1 | 176 |
| 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 | 5 |
| TOTAL % | 0.0 | 0.9 | 34.8 | 50.6 | 12.3 | 1.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |

TOTAL N 0 74 2932 4267 1038 116 3 0 0 0 0 0 0 0 8430
 (* < 0.05%)

STATION: 51004

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

Month: FEB

| 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 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 3.5 - 4.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 4.5 - 5.4 | - | - | * | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 3 |
| 5.5 - 6.4 | - | - | 0.2 | * | - | - | - | - | - | - | - | - | - | - | - | 0.2 | 14 |
| 6.5 - 7.4 | - | - | 0.7 | 0.4 | - | - | - | - | - | - | - | - | - | - | - | 1.1 | 90 |
| 7.5 - 8.4 | - | 0.1 | 3.7 | 4.9 | 0.3 | - | - | - | - | - | - | - | - | - | - | 9.0 | 754 |
| 8.5 - 9.4 | - | 0.3 | 6.3 | 7.9 | 1.8 | * | - | - | - | - | - | - | - | - | - | 16.3 | 1369 |
| 9.5 - 10.4 | - | 0.1 | 4.3 | 7.8 | 4.5 | 0.2 | - | - | - | - | - | - | - | - | - | 16.9 | 1419 |
| 10.5 - 11.4 | - | 0.2 | 4.4 | 1.8 | 1.0 | 0.3 | * | - | - | - | - | - | - | - | - | 7.7 | 646 |
| 11.5 - 12.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 12.5 - 13.4 | - | 0.1 | 8.5 | 5.4 | 0.7 | 0.1 | 0.2 | * | - | - | - | - | - | - | - | 15.1 | 1263 |
| 13.5 - 14.4 | - | 0.1 | 4.9 | 10.9 | 3.3 | 0.5 | 0.2 | - | - | - | - | - | - | - | - | 19.8 | 1660 |
| 14.5 - 15.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 15.5 - 16.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 16.5 - 17.4 | - | * | 2.2 | 5.1 | 2.3 | 0.9 | 0.2 | 0.1 | * | - | - | - | - | - | - | 10.7 | 901 |
| 17.5 - 18.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 18.5 - 19.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 19.5 - 20.4 | - | - | 0.7 | 1.5 | 0.5 | 0.3 | 0.1 | * | - | - | - | - | - | - | - | 3.1 | 258 |
| 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 | - | - | - | - | - | - | - | - | - | - | - | 0.1 | 11 |
| TOTAL % | 0.0 | 0.9 | 36.0 | 45.7 | 14.4 | 2.2 | 0.7 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 0 | 72 | 3016 | 3836 | 1207 | 186 | 58 | 12 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | | 8388 |

STATION: 51004

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

Month: MAR

| WAVE PERIOD | WAVE HEIGHT | | | | | | | | | | | | | | | TOT % | TOT N |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|---------------|---------------|---------------|-------|-------|-------|
| | 0.0- 0.4 | 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 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 3.5 - 4.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 4.5 - 5.4 | - | - | 0.1 | * | - | - | - | - | - | - | - | - | - | - | - | 0.1 | 11 |
| 5.5 - 6.4 | - | - | 0.5 | 0.1 | * | - | - | - | - | - | - | - | - | - | - | 0.6 | 63 |
| 6.5 - 7.4 | - | * | 1.7 | 1.1 | - | - | - | - | - | - | - | - | - | - | - | 2.8 | 288 |
| 7.5 - 8.4 | - | 0.1 | 10.5 | 10.8 | 0.2 | - | - | - | - | - | - | - | - | - | - | 21.6 | 2207 |
| 8.5 - 9.4 | - | * | 6.1 | 13.9 | 1.9 | * | - | - | - | - | - | - | - | - | - | 22.0 | 2245 |
| 9.5 - 10.4 | - | * | 1.8 | 6.8 | 4.5 | 0.5 | * | - | - | - | - | - | - | - | - | 13.7 | 1403 |
| 10.5 - 11.4 | - | 0.1 | 3.4 | 2.3 | 1.1 | 0.7 | * | - | - | - | - | - | - | - | - | 7.6 | 781 |
| 11.5 - 12.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 12.5 - 13.4 | - | 0.1 | 6.4 | 3.8 | 0.5 | 0.1 | - | - | - | - | - | - | - | - | - | 10.9 | 1109 |
| 13.5 - 14.4 | - | * | 5.6 | 6.3 | 0.9 | * | - | - | - | - | - | - | - | - | - | 12.8 | 1307 |
| 14.5 - 15.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 15.5 - 16.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 16.5 - 17.4 | - | - | 2.0 | 3.3 | 0.8 | * | - | - | - | - | - | - | - | - | - | 6.2 | 629 |
| 17.5 - 18.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 18.5 - 19.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 19.5 - 20.4 | - | - | 0.5 | 0.9 | 0.3 | - | - | - | - | - | - | - | - | - | - | 1.7 | 171 |
| 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 | - | - | - | * | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 1 |
| TOTAL % | 0.0 | 0.4 | 38.5 | 49.5 | 10.2 | 1.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 0 | 41 | 3937 | 5053 | 1038 | 143 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 10215 |

STATION: 51004

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

Month: APR

| WAVE PERIOD | WAVE HEIGHT | | | | | | | | | | | | | | | TOT % | TOT N |
|-------------|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|-----------|-----------|-----------|-------|-------|-------|
| | 0.0-0.4 | 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 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 3.5 - 4.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 4.5 - 5.4 | - | - | * | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 1 |
| 5.5 - 6.4 | - | - | 0.5 | 0.1 | - | - | - | - | - | - | - | - | - | - | - | 0.6 | 55 |
| 6.5 - 7.4 | - | * | 1.7 | 1.0 | - | - | - | - | - | - | - | - | - | - | - | 2.6 | 248 |
| 7.5 - 8.4 | - | 0.1 | 15.6 | 12.3 | 0.2 | - | - | - | - | - | - | - | - | - | - | 28.2 | 2663 |
| 8.5 - 9.4 | - | 0.1 | 14.1 | 17.4 | 1.2 | - | - | - | - | - | - | - | - | - | - | 32.7 | 3086 |
| 9.5 - 10.4 | - | 0.1 | 4.6 | 6.1 | 2.0 | * | - | - | - | - | - | - | - | - | - | 12.8 | 1205 |
| 10.5 - 11.4 | - | 0.1 | 2.9 | 1.7 | 0.6 | 0.6 | * | - | - | - | - | - | - | - | - | 5.9 | 555 |
| 11.5 - 12.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 12.5 - 13.4 | - | 0.1 | 3.9 | 2.8 | 0.3 | * | - | - | - | - | - | - | - | - | - | 7.1 | 668 |
| 13.5 - 14.4 | - | * | 2.7 | 3.3 | 0.4 | - | - | - | - | - | - | - | - | - | - | 6.5 | 611 |
| 14.5 - 15.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 15.5 - 16.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 16.5 - 17.4 | - | - | 0.9 | 1.6 | 0.6 | - | - | - | - | - | - | - | - | - | - | 3.1 | 295 |
| 17.5 - 18.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 18.5 - 19.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 19.5 - 20.4 | - | - | 0.2 | 0.2 | * | - | - | - | - | - | - | - | - | - | - | 0.4 | 42 |
| TOTAL % | 0.0 | 0.4 | 47.0 | 46.5 | 5.4 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 0 | 40 | 4436 | 4385 | 508 | 59 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 9429 |

(* < 0.05%)

STATION: 51004

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

Month: MAY

| 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 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 3.5 - 4.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 4.5 - 5.4 | - | * | 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | 0.2 | 16 |
| 5.5 - 6.4 | - | * | 1.8 | * | - | - | - | - | - | - | - | - | - | - | - | 1.9 | 185 |
| 6.5 - 7.4 | - | 0.3 | 7.2 | 0.5 | - | - | - | - | - | - | - | - | - | - | - | 8.0 | 795 |
| 7.5 - 8.4 | - | 1.3 | 24.0 | 6.0 | * | - | - | - | - | - | - | - | - | - | - | 31.4 | 3133 |
| 8.5 - 9.4 | - | 0.5 | 12.4 | 11.5 | 0.1 | - | - | - | - | - | - | - | - | - | - | 24.4 | 2432 |
| 9.5 - 10.4 | - | 0.5 | 5.8 | 2.9 | 0.1 | - | - | - | - | - | - | - | - | - | - | 9.3 | 925 |
| 10.5 - 11.4 | - | 0.7 | 5.1 | 0.8 | 0.1 | - | - | - | - | - | - | - | - | - | - | 6.6 | 657 |
| 11.5 - 12.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 12.5 - 13.4 | - | 0.3 | 5.1 | 1.6 | 0.1 | - | - | - | - | - | - | - | - | - | - | 7.1 | 706 |
| 13.5 - 14.4 | - | 0.3 | 5.2 | 1.4 | 0.1 | - | - | - | - | - | - | - | - | - | - | 7.0 | 699 |
| 14.5 - 15.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 15.5 - 16.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 16.5 - 17.4 | - | * | 3.0 | 0.8 | - | - | - | - | - | - | - | - | - | - | - | 3.9 | 386 |
| 17.5 - 18.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 18.5 - 19.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 19.5 - 20.4 | - | - | 0.4 | 0.1 | - | - | - | - | - | - | - | - | - | - | - | 0.5 | 47 |
| TOTAL % | 0.0 | 3.9 | 70.0 | 25.7 | 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 | 0 | 391 | 6987 | 2564 | 39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 9981 |

(* < 0.05%)

STATION: 51004

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

Month: JUN

| 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 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 3.5 - 4.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 4.5 - 5.4 | - | * | 0.3 | - | - | - | - | - | - | - | - | - | - | - | - | 0.3 | 31 |
| 5.5 - 6.4 | - | 0.1 | 2.0 | * | - | - | - | - | - | - | - | - | - | - | - | 2.2 | 218 |
| 6.5 - 7.4 | - | 0.3 | 9.5 | 0.4 | - | - | - | - | - | - | - | - | - | - | - | 10.2 | 1032 |
| 7.5 - 8.4 | - | 0.5 | 43.3 | 8.0 | - | - | - | - | - | - | - | - | - | - | - | 51.9 | 5253 |
| 8.5 - 9.4 | - | 0.2 | 11.2 | 7.1 | * | - | - | - | - | - | - | - | - | - | - | 18.6 | 1877 |
| 9.5 - 10.4 | - | 0.1 | 2.7 | 0.7 | 0.1 | - | - | - | - | - | - | - | - | - | - | 3.5 | 357 |

| | | | | | | | | | | | | | | | | | |
|-------------|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|
| 10.5 - 11.4 | - | * | 2.5 | * | - | - | - | - | - | - | - | - | - | - | - | 2.5 | 256 |
| 11.5 - 12.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 12.5 - 13.4 | - | 0.2 | 1.8 | 0.1 | - | - | - | - | - | - | - | - | - | - | - | 2.1 | 213 |
| 13.5 - 14.4 | - | 0.2 | 4.2 | 0.4 | - | - | - | - | - | - | - | - | - | - | - | 4.8 | 484 |
| 14.5 - 15.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 15.5 - 16.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 16.5 - 17.4 | - | * | 2.7 | 0.8 | - | - | - | - | - | - | - | - | - | - | - | 3.5 | 355 |
| 17.5 - 18.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 18.5 - 19.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 19.5 - 20.4 | - | * | 0.2 | 0.2 | - | - | - | - | - | - | - | - | - | - | - | 0.4 | 41 |
| TOTAL % | 0.0 | 1.8 | 80.4 | 17.8 | 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 | 178 | 8130 | 1798 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 10117 |

(* < 0.05%)

STATION: 51004

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 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 3.5 - 4.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 4.5 - 5.4 | - | - | 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | 0.1 | 10 |
| 5.5 - 6.4 | - | 0.1 | 2.1 | * | - | - | - | - | - | - | - | - | - | - | - | 2.1 | 252 |
| 6.5 - 7.4 | - | 0.2 | 10.1 | 0.2 | - | - | - | - | - | - | - | - | - | - | - | 10.5 | 1243 |
| 7.5 - 8.4 | - | 0.5 | 40.2 | 7.3 | * | - | - | - | - | - | - | - | - | - | - | 48.0 | 5656 |
| 8.5 - 9.4 | - | 0.1 | 11.9 | 6.3 | 0.1 | * | - | - | - | - | - | - | - | - | - | 18.4 | 2175 |
| 9.5 - 10.4 | - | 0.1 | 4.0 | 1.5 | 0.2 | - | - | - | - | - | - | - | - | - | - | 5.9 | 690 |
| 10.5 - 11.4 | - | * | 3.5 | 0.6 | 0.2 | * | * | * | * | - | - | - | - | - | - | 4.4 | 515 |
| 11.5 - 12.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 12.5 - 13.4 | - | * | 2.6 | 0.3 | 0.2 | 0.1 | - | - | * | * | - | - | - | - | - | 3.1 | 369 |
| 13.5 - 14.4 | - | * | 3.8 | 0.2 | * | - | - | * | - | - | * | * | - | - | - | 4.1 | 488 |
| 14.5 - 15.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 15.5 - 16.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 16.5 - 17.4 | - | 0.1 | 2.6 | 0.3 | * | * | * | - | - | - | - | - | - | - | - | 3.1 | 367 |
| 17.5 - 18.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 18.5 - 19.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 19.5 - 20.4 | - | - | 0.1 | 0.1 | - | - | - | - | - | - | - | - | - | - | - | 0.2 | 25 |
| TOTAL % | 0.0 | 1.0 | 81.0 | 17.0 | 0.8 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 0 | 122 | 9548 | 2002 | 92 | 15 | 2 | 3 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | | 11790 |

(* < 0.05%)

STATION: 51004

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 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 3.5 - 4.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 4.5 - 5.4 | - | - | 0.2 | - | - | - | - | - | - | - | - | - | - | - | - | 0.2 | 21 |
| 5.5 - 6.4 | - | * | 2.0 | * | - | - | - | - | - | - | - | - | - | - | - | 2.1 | 249 |
| 6.5 - 7.4 | - | 0.1 | 9.3 | 0.4 | - | - | - | - | - | - | - | - | - | - | - | 9.8 | 1170 |
| 7.5 - 8.4 | - | 0.4 | 37.7 | 9.1 | * | - | - | - | - | - | - | - | - | - | - | 47.2 | 5666 |
| 8.5 - 9.4 | - | 0.1 | 10.7 | 8.2 | 0.2 | * | - | - | - | - | - | - | - | - | - | 19.2 | 2305 |
| 9.5 - 10.4 | - | 0.1 | 4.5 | 1.6 | 0.2 | - | - | - | - | - | - | - | - | - | - | 6.4 | 771 |
| 10.5 - 11.4 | - | * | 3.5 | 0.6 | 0.2 | 0.1 | - | - | - | - | - | - | - | - | - | 4.5 | 535 |
| 11.5 - 12.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 12.5 - 13.4 | - | 0.1 | 3.0 | 0.4 | 0.1 | 0.1 | - | - | - | - | - | - | - | - | - | 3.6 | 432 |
| 13.5 - 14.4 | - | 0.1 | 3.7 | 0.5 | 0.1 | * | - | - | - | - | - | - | - | - | - | 4.5 | 538 |
| 14.5 - 15.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 15.5 - 16.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 16.5 - 17.4 | - | - | 1.8 | 0.5 | * | - | - | - | - | - | - | - | - | - | - | 2.3 | 280 |
| 17.5 - 18.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 18.5 - 19.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 19.5 - 20.4 | - | - | 0.3 | - | - | - | - | - | - | - | - | - | - | - | - | 0.3 | 31 |
| TOTAL % | 0.0 | 0.9 | 76.7 | 21.3 | 0.9 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 0 | 109 | 9208 | 2557 | 103 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 11998 |

(* < 0.05%)

| | | | | | | | | | | | | | | | | | | |
|-------------|-----|-----|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|
| 3.5 - 4.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 4.5 - 5.4 | - | - | * | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 1 |
| 5.5 - 6.4 | - | * | 0.1 | * | - | - | - | - | - | - | - | - | - | - | - | - | 0.1 | 10 |
| 6.5 - 7.4 | - | - | 0.9 | 0.9 | * | - | - | - | - | - | - | - | - | - | - | - | 1.7 | 182 |
| 7.5 - 8.4 | - | 0.2 | 12.1 | 10.3 | 0.4 | - | - | - | - | - | - | - | - | - | - | - | 23.0 | 2404 |
| 8.5 - 9.4 | - | * | 9.1 | 12.6 | 2.3 | - | - | - | - | - | - | - | - | - | - | - | 24.0 | 2509 |
| 9.5 - 10.4 | - | * | 3.4 | 6.8 | 2.8 | 0.1 | - | - | - | - | - | - | - | - | - | - | 13.0 | 1361 |
| 10.5 - 11.4 | - | 0.1 | 2.8 | 2.5 | 1.2 | 0.4 | - | - | - | - | - | - | - | - | - | - | 6.9 | 721 |
| 11.5 - 12.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 12.5 - 13.4 | - | 0.1 | 4.9 | 5.5 | 0.3 | 0.2 | - | - | - | - | - | - | - | - | - | - | 10.9 | 1139 |
| 13.5 - 14.4 | - | 0.1 | 3.8 | 7.5 | 1.4 | 0.2 | * | - | - | - | - | - | - | - | - | - | 13.0 | 1353 |
| 14.5 - 15.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 15.5 - 16.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 16.5 - 17.4 | - | - | 1.0 | 3.1 | 1.4 | 0.4 | * | - | - | - | - | - | - | - | - | - | 6.0 | 625 |
| 17.5 - 18.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 18.5 - 19.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 19.5 - 20.4 | - | - | 0.2 | 0.5 | 0.4 | 0.2 | * | - | - | - | - | - | - | - | - | - | 1.2 | 128 |
| 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 | - | - | - | * | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 1 |
| TOTAL % | 0.0 | 0.5 | 38.1 | 49.7 | 10.2 | 1.4 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 0 | 53 | 3977 | 5184 | 1065 | 149 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 10434 |

(* < 0.05%)

STATION: 51004

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

Month: DEC

| WAVE PERIOD | WAVE HEIGHT | | | | | | | | | | | | | | | TOT % | TOT N |
|-------------|-------------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|
| | 0.0- | 0.5- | 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 | 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 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 4.5 - 5.4 | - | - | * | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 3 |
| 5.5 - 6.4 | - | - | 0.2 | 0.1 | - | - | - | - | - | - | - | - | - | - | - | 0.3 | 29 |
| 6.5 - 7.4 | - | - | 0.9 | 0.7 | - | - | - | - | - | - | - | - | - | - | - | 1.6 | 172 |
| 7.5 - 8.4 | - | 0.2 | 6.9 | 6.3 | 0.4 | - | - | - | - | - | - | - | - | - | - | 13.8 | 1488 |
| 8.5 - 9.4 | - | * | 6.5 | 11.9 | 2.3 | 0.1 | - | - | - | - | - | - | - | - | - | 20.9 | 2251 |
| 9.5 - 10.4 | - | * | 3.1 | 10.9 | 5.9 | 0.4 | - | - | - | - | - | - | - | - | - | 20.3 | 2192 |
| 10.5 - 11.4 | - | - | 1.4 | 2.8 | 4.1 | 1.0 | 0.1 | - | - | - | - | - | - | - | - | 9.4 | 1018 |
| 11.5 - 12.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 12.5 - 13.4 | - | * | 5.0 | 3.4 | 0.4 | 0.4 | 0.4 | 0.1 | - | - | - | - | - | - | - | 9.6 | 1036 |
| 13.5 - 14.4 | - | * | 4.6 | 7.2 | 1.1 | 0.1 | - | - | - | - | - | - | - | - | - | 12.9 | 1395 |
| 14.5 - 15.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 15.5 - 16.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 16.5 - 17.4 | - | 0.1 | 1.7 | 4.5 | 2.2 | 0.3 | - | - | - | - | - | - | - | - | - | 8.7 | 942 |
| 17.5 - 18.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 18.5 - 19.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 19.5 - 20.4 | - | 0.1 | 0.5 | 0.9 | 0.6 | 0.3 | * | - | - | - | - | - | - | - | - | 2.4 | 254 |
| 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 | 7 |
| TOTAL % | 0.0 | 0.4 | 30.9 | 48.5 | 17.0 | 2.7 | 0.5 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 0 | 39 | 3329 | 5235 | 1837 | 291 | 50 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 10787 |

(* < 0.05%)

STATION: 51004

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- | 0.5- | 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 | 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 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 4.5 - 5.4 | - | * | 0.1 | * | - | - | - | - | - | - | - | - | - | - | - | 0.1 | 128 |
| 5.5 - 6.4 | - | * | 1.1 | * | * | - | - | - | - | - | - | - | - | - | - | 1.2 | 1443 |
| 6.5 - 7.4 | - | 0.1 | 5.0 | 0.6 | * | - | - | - | - | - | - | - | - | - | - | 5.7 | 7044 |
| 7.5 - 8.4 | - | 0.4 | 22.2 | 7.9 | 0.2 | - | - | - | - | - | - | - | - | - | - | 30.7 | 38023 |
| 8.5 - 9.4 | - | 0.2 | 9.6 | 9.7 | 0.9 | * | - | - | - | - | - | - | - | - | - | 20.4 | 25264 |

| | | | | | | | | | | | | | | | | | | |
|-------------|-----|-----|-------|-------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|
| 16.5 - 17.4 | - | * | 2.0 | 1.9 | 0.5 | * | - | - | - | - | - | - | - | - | - | - | 4.4 | 1310 |
| 17.5 - 18.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 18.5 - 19.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 19.5 - 20.4 | - | - | 0.4 | 0.4 | 0.1 | - | - | - | - | - | - | - | - | - | - | - | 0.9 | 260 |
| 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 | - | - | - | * | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 1 |
| TOTAL % | 0.0 | 1.6 | 51.8 | 40.5 | 5.4 | 0.7 | 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 | 472 | 15360 | 12002 | 1585 | 202 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 29625 |

(* < 0.05%)

STATION: 51004

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 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 3.5 - 4.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 4.5 - 5.4 | - | * | 0.2 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.2 | 62 |
| 5.5 - 6.4 | - | 0.1 | 2.0 | * | - | - | - | - | - | - | - | - | - | - | - | - | 2.1 | 719 |
| 6.5 - 7.4 | - | 0.2 | 9.7 | 0.3 | - | - | - | - | - | - | - | - | - | - | - | - | 10.2 | 3445 |
| 7.5 - 8.4 | - | 0.5 | 40.2 | 8.2 | * | - | - | - | - | - | - | - | - | - | - | - | 48.9 | 16575 |
| 8.5 - 9.4 | - | 0.1 | 11.3 | 7.2 | 0.1 | * | - | - | - | - | - | - | - | - | - | - | 18.7 | 6357 |
| 9.5 - 10.4 | - | 0.1 | 3.8 | 1.3 | 0.2 | - | - | - | - | - | - | - | - | - | - | - | 5.4 | 1818 |
| 10.5 - 11.4 | - | * | 3.2 | 0.5 | 0.1 | * | * | * | * | - | - | - | - | - | - | - | 3.9 | 1306 |
| 11.5 - 12.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 12.5 - 13.4 | - | 0.1 | 2.5 | 0.3 | 0.1 | * | - | - | * | * | - | - | - | - | - | - | 3.0 | 1014 |
| 13.5 - 14.4 | - | 0.1 | 3.9 | 0.4 | * | * | - | * | - | - | * | * | - | - | - | - | 4.5 | 1510 |
| 14.5 - 15.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 15.5 - 16.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 16.5 - 17.4 | - | * | 2.4 | 0.5 | * | * | * | - | - | - | - | - | - | - | - | - | 3.0 | 1002 |
| 17.5 - 18.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 18.5 - 19.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 19.5 - 20.4 | - | * | 0.2 | 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | 0.3 | 97 |
| TOTAL % | 0.0 | 1.2 | 79.3 | 18.7 | 0.6 | 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 | 409 | 26886 | 6357 | 206 | 36 | 2 | 3 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | | 33905 |

(* < 0.05%)

STATION: 51004

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 | 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 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 4.5 - 5.4 | - | - | 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.1 | 22 |
| 5.5 - 6.4 | - | * | 1.0 | * | - | - | - | - | - | - | - | - | - | - | - | - | 1.0 | 330 |
| 6.5 - 7.4 | - | 0.1 | 5.1 | 0.6 | * | - | - | - | - | - | - | - | - | - | - | - | 5.8 | 1881 |
| 7.5 - 8.4 | - | 0.6 | 22.8 | 8.1 | 0.1 | - | - | - | - | - | - | - | - | - | - | - | 31.6 | 10298 |
| 8.5 - 9.4 | - | 0.4 | 9.5 | 8.3 | 0.9 | - | - | - | - | - | - | - | - | - | - | - | 19.0 | 6196 |
| 9.5 - 10.4 | - | 0.2 | 5.2 | 3.4 | 1.0 | * | * | - | - | - | - | - | - | - | - | - | 9.8 | 3204 |
| 10.5 - 11.4 | - | 0.1 | 5.0 | 1.4 | 0.4 | 0.2 | * | - | - | - | - | - | - | - | - | - | 7.1 | 2322 |
| 11.5 - 12.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 12.5 - 13.4 | - | 0.1 | 6.4 | 3.0 | 0.2 | 0.1 | * | - | - | - | - | - | - | - | - | - | 9.8 | 3198 |
| 13.5 - 14.4 | - | 0.1 | 5.3 | 4.0 | 0.5 | 0.1 | * | - | - | - | - | - | - | - | - | - | 10.0 | 3246 |
| 14.5 - 15.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 15.5 - 16.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 16.5 - 17.4 | - | * | 2.3 | 1.8 | 0.5 | 0.1 | * | - | - | - | - | - | - | - | - | - | 4.8 | 1553 |
| 17.5 - 18.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 18.5 - 19.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 19.5 - 20.4 | - | - | 0.3 | 0.4 | 0.2 | 0.1 | * | - | - | - | - | - | - | - | - | - | 0.9 | 287 |
| 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 | - | - | * | * | * | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 7 |
| TOTAL % | 0.0 | 1.7 | 62.9 | 31.0 | 3.9 | 0.5 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 0 | 542 | 20457 | 10089 | 1268 | 170 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 32544 |

(* < 0.05%)

STATION: 51004

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 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 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 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 4.5 - 5.4 | - | 0.3 | 2.1 | 0.1 | - | - | - | - | - | - | - | - | - | - | - | 2.5 | 207 |
| 5.5 - 6.4 | - | 0.2 | 11.7 | 14.9 | 0.1 | - | - | - | - | - | - | - | - | - | - | 27.0 | 2275 |
| 6.5 - 7.4 | - | 0.3 | 13.4 | 21.3 | 6.6 | 0.3 | - | - | - | - | - | - | - | - | - | 41.9 | 3533 |
| 7.5 - 8.4 | - | 0.1 | 4.7 | 8.0 | 3.2 | 0.8 | * | - | - | - | - | - | - | - | - | 16.8 | 1418 |
| 8.5 - 9.4 | - | - | 1.9 | 3.8 | 1.4 | * | - | - | - | - | - | - | - | - | - | 7.1 | 602 |
| 9.5 - 10.4 | - | - | 0.8 | 1.7 | 0.5 | 0.1 | - | - | - | - | - | - | - | - | - | 3.1 | 261 |
| 10.5 - 11.4 | - | - | 0.1 | 0.6 | 0.3 | * | - | - | - | - | - | - | - | - | - | 1.0 | 87 |
| 11.5 - 12.4 | - | - | - | 0.1 | 0.1 | - | - | - | - | - | - | - | - | - | - | 0.2 | 14 |
| 12.5 - 13.4 | - | - | - | * | 0.1 | 0.1 | - | - | - | - | - | - | - | - | - | 0.2 | 19 |
| 13.5 - 14.4 | - | - | - | - | 0.1 | * | * | - | - | - | - | - | - | - | - | 0.2 | 13 |
| 14.5 - 15.4 | - | - | - | - | - | * | - | - | - | - | - | - | - | - | - | 0.0 | 1 |
| TOTAL % | 0.0 | 0.9 | 34.8 | 50.6 | 12.3 | 1.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 0 | 74 | 2932 | 4267 | 1038 | 116 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 8430 |

(* < 0.05%)

STATION: 51004

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

Month: FEB

| 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 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 3.5 - 4.4 | - | * | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 1 |
| 4.5 - 5.4 | - | 0.2 | 0.6 | * | - | - | - | - | - | - | - | - | - | - | - | 0.8 | 66 |
| 5.5 - 6.4 | - | 0.5 | 12.2 | 11.4 | 0.3 | - | - | - | - | - | - | - | - | - | - | 24.4 | 2048 |
| 6.5 - 7.4 | - | 0.2 | 14.7 | 19.1 | 7.6 | 0.3 | - | - | - | - | - | - | - | - | - | 41.8 | 3504 |
| 7.5 - 8.4 | - | * | 6.0 | 8.0 | 2.0 | 0.3 | 0.1 | - | - | - | - | - | - | - | - | 16.5 | 1387 |
| 8.5 - 9.4 | - | - | 2.1 | 4.3 | 1.6 | 0.3 | 0.3 | * | - | - | - | - | - | - | - | 8.7 | 731 |
| 9.5 - 10.4 | - | - | 0.3 | 2.6 | 1.5 | 0.2 | - | - | - | - | - | - | - | - | - | 4.6 | 386 |
| 10.5 - 11.4 | - | - | * | 0.3 | 1.0 | 0.5 | 0.1 | - | - | - | - | - | - | - | - | 1.9 | 160 |
| 11.5 - 12.4 | - | - | - | * | 0.3 | 0.4 | 0.1 | 0.1 | - | - | - | - | - | - | - | 0.8 | 69 |
| 12.5 - 13.4 | - | - | - | - | * | 0.2 | 0.1 | - | * | - | - | - | - | - | - | 0.3 | 25 |
| 13.5 - 14.4 | - | - | - | - | - | * | * | * | - | - | - | - | - | - | - | 0.1 | 6 |
| 14.5 - 15.4 | - | - | - | - | - | - | * | * | - | - | - | - | - | - | - | 0.0 | 2 |
| 15.5 - 16.4 | - | - | - | - | - | * | * | * | - | - | - | - | - | - | - | 0.0 | 3 |
| TOTAL % | 0.0 | 0.9 | 36.0 | 45.7 | 14.4 | 2.2 | 0.7 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 0 | 72 | 3016 | 3836 | 1207 | 186 | 58 | 12 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | | 8388 |

(* < 0.05%)

STATION: 51004

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

Month: MAR

| 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 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 3.5 - 4.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 4.5 - 5.4 | - | 0.1 | 2.2 | * | - | - | - | - | - | - | - | - | - | - | - | 2.3 | 234 |
| 5.5 - 6.4 | - | 0.1 | 20.9 | 19.7 | 0.4 | - | - | - | - | - | - | - | - | - | - | 41.1 | 4194 |
| 6.5 - 7.4 | - | 0.2 | 9.7 | 22.5 | 7.4 | 0.6 | - | - | - | - | - | - | - | - | - | 40.4 | 4127 |
| 7.5 - 8.4 | - | * | 4.1 | 5.0 | 1.3 | 0.8 | * | - | - | - | - | - | - | - | - | 11.3 | 1153 |
| 8.5 - 9.4 | - | - | 1.3 | 1.8 | 0.7 | * | - | - | - | - | - | - | - | - | - | 3.8 | 387 |
| 9.5 - 10.4 | - | - | 0.3 | 0.4 | 0.2 | * | - | - | - | - | - | - | - | - | - | 0.9 | 94 |
| 10.5 - 11.4 | - | - | * | 0.1 | 0.1 | * | - | - | - | - | - | - | - | - | - | 0.2 | 17 |
| 11.5 - 12.4 | - | - | - | * | * | - | - | - | - | - | - | - | - | - | - | 0.0 | 4 |
| 12.5 - 13.4 | - | - | - | - | * | - | - | - | - | - | - | - | - | - | - | 0.0 | 4 |
| 13.5 - 14.4 | - | - | - | - | * | - | - | - | - | - | - | - | - | - | - | 0.0 | 2 |

| | | | | | | | | | | | | | | | | |
|---------|-----|-----|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|
| TOTAL % | 0.0 | 0.4 | 38.5 | 49.5 | 10.2 | 1.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 0 | 41 | 3937 | 5054 | 1038 | 143 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10216 |

(* < 0.05%)

STATION: 51004

6 - PERCENT FREQUENCY OF SIGNIFICANT WAVE HEIGHT(METERS) VS AVERAGE 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 | | 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 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 4.5 - 5.4 | - | * | 2.9 | * | - | - | - | - | - | - | - | - | - | - | - | 3.0 | 282 |
| 5.5 - 6.4 | - | 0.1 | 29.8 | 25.2 | 0.1 | - | - | - | - | - | - | - | - | - | - | 55.2 | 5206 |
| 6.5 - 7.4 | - | 0.1 | 10.6 | 18.2 | 4.2 | 0.1 | - | - | - | - | - | - | - | - | - | 33.1 | 3124 |
| 7.5 - 8.4 | - | 0.1 | 2.7 | 2.4 | 1.0 | 0.6 | * | - | - | - | - | - | - | - | - | 6.7 | 633 |
| 8.5 - 9.4 | - | - | 0.9 | 0.6 | 0.1 | - | - | - | - | - | - | - | - | - | - | 1.6 | 148 |
| 9.5 - 10.4 | - | - | 0.2 | 0.1 | 0.1 | - | - | - | - | - | - | - | - | - | - | 0.4 | 35 |
| 10.5 - 11.4 | - | - | - | * | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 1 |
| TOTAL % | 0.0 | 0.4 | 47.0 | 46.5 | 5.4 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 0 | 40 | 4436 | 4385 | 508 | 59 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 9429 |

(* < 0.05%)

STATION: 51004

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

Month: MAY

| 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 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 3.5 - 4.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 4.5 - 5.4 | - | 0.6 | 8.5 | * | - | - | - | - | - | - | - | - | - | - | - | 9.1 | 904 |
| 5.5 - 6.4 | - | 1.5 | 43.4 | 16.9 | * | - | - | - | - | - | - | - | - | - | - | 61.9 | 6174 |
| 6.5 - 7.4 | - | 1.5 | 10.9 | 6.5 | 0.2 | - | - | - | - | - | - | - | - | - | - | 19.0 | 1900 |
| 7.5 - 8.4 | - | 0.3 | 5.0 | 1.1 | 0.1 | - | - | - | - | - | - | - | - | - | - | 6.5 | 647 |
| 8.5 - 9.4 | - | 0.1 | 1.9 | 0.5 | 0.1 | - | - | - | - | - | - | - | - | - | - | 2.5 | 253 |
| 9.5 - 10.4 | - | - | 0.3 | 0.5 | * | - | - | - | - | - | - | - | - | - | - | 0.8 | 84 |
| 10.5 - 11.4 | - | - | 0.1 | 0.1 | * | - | - | - | - | - | - | - | - | - | - | 0.2 | 18 |
| 11.5 - 12.4 | - | - | - | * | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 1 |
| TOTAL % | 0.0 | 3.9 | 70.0 | 25.7 | 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 | 0 | 391 | 6987 | 2564 | 39 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 9981 |

(* < 0.05%)

STATION: 51004

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

Month: JUN

| 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 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 3.5 - 4.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 4.5 - 5.4 | - | 0.8 | 17.9 | 0.1 | - | - | - | - | - | - | - | - | - | - | - | 18.7 | 1895 |
| 5.5 - 6.4 | - | 0.8 | 57.7 | 14.3 | - | - | - | - | - | - | - | - | - | - | - | 72.9 | 7371 |
| 6.5 - 7.4 | - | 0.1 | 4.5 | 3.3 | 0.1 | - | - | - | - | - | - | - | - | - | - | 8.0 | 813 |
| 7.5 - 8.4 | - | * | 0.2 | 0.1 | - | - | - | - | - | - | - | - | - | - | - | 0.3 | 33 |
| 8.5 - 9.4 | - | - | * | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 5 |
| TOTAL % | 0.0 | 1.8 | 80.4 | 17.8 | 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 | 178 | 8130 | 1798 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 10117 |

(* < 0.05%)

STATION: 51004

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

Month: JUL

WAVE HEIGHT

| | | | | | | | | | | | | | | | | | |
|-------------|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|
| 4.5 - 5.4 | - | 0.1 | 7.3 | 0.1 | - | - | - | - | - | - | - | - | - | - | - | 7.5 | 827 |
| 5.5 - 6.4 | - | 0.4 | 46.8 | 17.4 | 0.1 | - | - | - | - | - | - | - | - | - | - | 64.7 | 7170 |
| 6.5 - 7.4 | - | 0.1 | 12.8 | 9.5 | 0.3 | - | - | - | - | - | - | - | - | - | - | 22.8 | 2524 |
| 7.5 - 8.4 | - | - | 2.0 | 1.7 | 0.1 | - | - | - | - | - | - | - | - | - | - | 3.8 | 420 |
| 8.5 - 9.4 | - | - | 0.4 | 0.6 | 0.1 | - | - | - | - | - | - | - | - | - | - | 1.0 | 113 |
| 9.5 - 10.4 | - | - | 0.2 | * | * | - | - | - | - | - | - | - | - | - | - | 0.2 | 26 |
| 10.5 - 11.4 | - | - | - | * | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 1 |
| TOTAL % | 0.0 | 0.6 | 69.4 | 29.4 | 0.6 | 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 | 67 | 7691 | 3254 | 69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 11081 |

(* < 0.05%)

STATION: 51004

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

Month: NOV

| | | 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 | | | |
| 0.5 - 1.4 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 1.5 - 2.4 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 2.5 - 3.4 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 3.5 - 4.4 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 4.5 - 5.4 | | - | * | 1.1 | * | - | - | - | - | - | - | - | - | - | - | - | 1.2 | 123 |
| 5.5 - 6.4 | | - | 0.3 | 23.4 | 23.5 | 0.6 | - | - | - | - | - | - | - | - | - | - | 47.8 | 4989 |
| 6.5 - 7.4 | | - | * | 9.9 | 19.3 | 6.4 | 0.1 | - | - | - | - | - | - | - | - | - | 35.8 | 3735 |
| 7.5 - 8.4 | | - | * | 2.5 | 4.8 | 1.7 | 0.6 | - | - | - | - | - | - | - | - | - | 9.7 | 1009 |
| 8.5 - 9.4 | | - | 0.1 | 0.9 | 1.6 | 0.7 | 0.1 | - | - | - | - | - | - | - | - | - | 3.4 | 356 |
| 9.5 - 10.4 | | - | - | 0.2 | 0.3 | 0.6 | 0.2 | * | - | - | - | - | - | - | - | - | 1.3 | 139 |
| 10.5 - 11.4 | | - | - | * | 0.1 | 0.2 | 0.4 | * | - | - | - | - | - | - | - | - | 0.7 | 69 |
| 11.5 - 12.4 | | - | - | - | * | * | * | * | - | - | - | - | - | - | - | - | 0.1 | 13 |
| 12.5 - 13.4 | | - | - | - | - | - | - | * | - | - | - | - | - | - | - | - | 0.0 | 1 |
| TOTAL % | | 0.0 | 0.5 | 38.1 | 49.7 | 10.2 | 1.4 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | | 0 | 53 | 3977 | 5184 | 1065 | 149 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 10434 |

(* < 0.05%)

STATION: 51004

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

Month: DEC

| | | 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 | | | |
| 0.5 - 1.4 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 1.5 - 2.4 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 2.5 - 3.4 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 3.5 - 4.4 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 4.5 - 5.4 | | - | - | 1.5 | * | - | - | - | - | - | - | - | - | - | - | - | 1.5 | 161 |
| 5.5 - 6.4 | | - | * | 14.8 | 18.3 | 0.7 | - | - | - | - | - | - | - | - | - | - | 33.9 | 3653 |
| 6.5 - 7.4 | | - | 0.1 | 9.2 | 20.6 | 11.7 | 0.9 | - | - | - | - | - | - | - | - | - | 42.5 | 4589 |
| 7.5 - 8.4 | | - | 0.1 | 3.9 | 5.5 | 2.6 | 1.3 | 0.3 | - | - | - | - | - | - | - | - | 13.8 | 1484 |
| 8.5 - 9.4 | | - | * | 1.0 | 3.1 | 1.0 | 0.2 | 0.1 | 0.1 | - | - | - | - | - | - | - | 5.5 | 594 |
| 9.5 - 10.4 | | - | - | 0.4 | 0.6 | 0.5 | 0.1 | - | - | - | - | - | - | - | - | - | 1.7 | 181 |
| 10.5 - 11.4 | | - | - | 0.1 | 0.2 | 0.2 | * | * | - | - | - | - | - | - | - | - | 0.6 | 68 |
| 11.5 - 12.4 | | - | - | - | 0.1 | 0.1 | * | - | - | - | - | - | - | - | - | - | 0.3 | 30 |
| 12.5 - 13.4 | | - | - | - | * | 0.1 | * | - | - | - | - | - | - | - | - | - | 0.1 | 16 |
| 13.5 - 14.4 | | - | - | - | - | * | 0.1 | - | - | - | - | - | - | - | - | - | 0.1 | 10 |
| 14.5 - 15.4 | | - | - | - | - | - | * | - | - | - | - | - | - | - | - | - | 0.0 | 1 |
| TOTAL % | | 0.0 | 0.4 | 30.9 | 48.5 | 17.0 | 2.7 | 0.5 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | | 0 | 39 | 3329 | 5235 | 1837 | 291 | 50 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 10787 |

(* < 0.05%)

STATION: 51004

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

All Months: Annual

| | | 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 | | | |
| 0.5 - 1.4 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 1.5 - 2.4 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 2.5 - 3.4 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 3.5 - 4.4 | | - | * | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 1 |
| 4.5 - 5.4 | | - | 0.3 | 7.5 | 0.1 | - | - | - | - | - | - | - | - | - | - | - | 7.8 | 9704 |
| 5.5 - 6.4 | | - | 0.5 | 36.9 | 16.6 | 0.2 | - | - | - | - | - | - | - | - | - | - | 54.3 | 67172 |
| 6.5 - 7.4 | | - | 0.4 | 9.8 | 12.2 | 3.6 | 0.2 | * | - | - | - | - | - | - | - | - | 26.2 | 32455 |

| | | | | | | | | | | | | | | | | | |
|-------------|-----|------|-------|-------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|--------|
| 7.5 - 8.4 | - | 0.1 | 2.8 | 3.0 | 1.0 | 0.4 | 0.1 | * | - | - | - | - | - | - | - | 7.3 | 9083 |
| 8.5 - 9.4 | - | * | 0.9 | 1.3 | 0.4 | 0.1 | * | * | * | * | - | - | - | - | - | 2.7 | 3329 |
| 9.5 - 10.4 | - | - | 0.2 | 0.5 | 0.3 | 0.1 | * | * | * | * | - | - | - | - | - | 1.0 | 1258 |
| 10.5 - 11.4 | - | - | * | 0.1 | 0.1 | 0.1 | * | - | - | - | * | - | - | - | - | 0.3 | 431 |
| 11.5 - 12.4 | - | - | - | * | * | * | * | * | - | - | - | - | - | - | - | 0.1 | 141 |
| 12.5 - 13.4 | - | - | - | * | * | * | * | - | * | - | - | - | - | - | - | 0.1 | 68 |
| 13.5 - 14.4 | - | - | - | - | * | * | * | * | - | - | - | - | - | - | - | 0.0 | 32 |
| 14.5 - 15.4 | - | - | - | - | - | * | * | * | - | - | - | - | - | - | - | 0.0 | 4 |
| 15.5 - 16.4 | - | - | - | - | - | * | * | * | - | - | - | - | - | - | - | 0.0 | 3 |
| TOTAL % | 0.0 | 1.3 | 58.2 | 33.8 | 5.8 | 0.8 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 0 | 1608 | 71981 | 41787 | 7141 | 1001 | 135 | 21 | 3 | 2 | 1 | 1 | 0 | 0 | 0 | | 123681 |

(* < 0.05%)

STATION: 51004

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

Months: DEC, JAN, FEB (Winter)

| | | 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 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 3.5 - 4.4 | | - | * | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 1 |
| 4.5 - 5.4 | | - | 0.1 | 1.4 | 0.1 | - | - | - | - | - | - | - | - | - | - | - | 1.6 | 434 |
| 5.5 - 6.4 | | - | 0.2 | 13.1 | 15.2 | 0.4 | - | - | - | - | - | - | - | - | - | - | 28.9 | 7976 |
| 6.5 - 7.4 | | - | 0.2 | 12.1 | 20.4 | 8.9 | 0.5 | - | - | - | - | - | - | - | - | - | 42.1 | 11626 |
| 7.5 - 8.4 | | - | 0.1 | 4.8 | 7.0 | 2.6 | 0.8 | 0.2 | - | - | - | - | - | - | - | - | 15.5 | 4289 |
| 8.5 - 9.4 | | - | * | 1.6 | 3.7 | 1.3 | 0.2 | 0.1 | * | - | - | - | - | - | - | - | 7.0 | 1927 |
| 9.5 - 10.4 | | - | - | 0.5 | 1.6 | 0.8 | 0.1 | - | - | - | - | - | - | - | - | - | 3.0 | 828 |
| 10.5 - 11.4 | | - | - | 0.1 | 0.4 | 0.5 | 0.2 | * | - | - | - | - | - | - | - | - | 1.1 | 315 |
| 11.5 - 12.4 | | - | - | - | 0.1 | 0.2 | 0.1 | * | * | - | - | - | - | - | - | - | 0.4 | 113 |
| 12.5 - 13.4 | | - | - | - | * | 0.1 | 0.1 | * | - | * | - | - | - | - | - | - | 0.2 | 60 |
| 13.5 - 14.4 | | - | - | - | - | * | 0.1 | * | * | - | - | - | - | - | - | - | 0.1 | 29 |
| 14.5 - 15.4 | | - | - | - | - | - | * | * | * | - | - | - | - | - | - | - | 0.0 | 4 |
| 15.5 - 16.4 | | - | - | - | - | - | * | * | * | - | - | - | - | - | - | - | 0.0 | 3 |
| TOTAL % | | 0.0 | 0.7 | 33.6 | 48.3 | 14.8 | 2.1 | 0.4 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | | 0 | 185 | 9277 | 13338 | 4082 | 593 | 111 | 18 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | | 27605 |

(* < 0.05%)

STATION: 51004

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

Months: MAR, APR, MAY (Spring)

| | | 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 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 3.5 - 4.4 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 4.5 - 5.4 | | - | 0.2 | 4.5 | * | - | - | - | - | - | - | - | - | - | - | - | 4.8 | 1420 |
| 5.5 - 6.4 | | - | 0.6 | 31.3 | 20.5 | 0.2 | - | - | - | - | - | - | - | - | - | - | 52.6 | 15574 |
| 6.5 - 7.4 | | - | 0.6 | 10.4 | 15.7 | 4.0 | 0.2 | - | - | - | - | - | - | - | - | - | 30.9 | 9151 |
| 7.5 - 8.4 | | - | 0.1 | 4.0 | 2.8 | 0.8 | 0.5 | * | - | - | - | - | - | - | - | - | 8.2 | 2433 |
| 8.5 - 9.4 | | - | * | 1.4 | 1.0 | 0.3 | * | - | - | - | - | - | - | - | - | - | 2.7 | 788 |
| 9.5 - 10.4 | | - | - | 0.2 | 0.4 | 0.1 | * | - | - | - | - | - | - | - | - | - | 0.7 | 213 |
| 10.5 - 11.4 | | - | - | * | 0.1 | * | * | - | - | - | - | - | - | - | - | - | 0.1 | 36 |
| 11.5 - 12.4 | | - | - | - | * | * | * | - | - | - | - | - | - | - | - | - | 0.0 | 5 |
| 12.5 - 13.4 | | - | - | - | - | * | - | - | - | - | - | - | - | - | - | - | 0.0 | 4 |
| 13.5 - 14.4 | | - | - | - | - | * | - | - | - | - | - | - | - | - | - | - | 0.0 | 2 |
| TOTAL % | | 0.0 | 1.6 | 51.8 | 40.5 | 5.4 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | | 0 | 472 | 15360 | 12003 | 1585 | 202 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 29626 |

(* < 0.05%)

STATION: 51004

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

Months: JUN, JUL, AUG (Summer)

| | | 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 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 3.5 - 4.4 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 4.5 - 5.4 | | - | 0.5 | 15.6 | 0.1 | - | - | - | - | - | - | - | - | - | - | - | 16.2 | 5502 |

| | | | | | | | | | | | | | | | | | |
|-------------|-----|-----|-------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|
| 5.5 - 6.4 | - | 0.5 | 57.4 | 14.8 | * | - | - | - | - | - | - | - | - | - | - | 72.8 | 24693 |
| 6.5 - 7.4 | - | 0.1 | 5.7 | 3.5 | 0.4 | * | * | - | - | - | - | - | - | - | - | 9.8 | 3314 |
| 7.5 - 8.4 | - | * | 0.5 | 0.3 | 0.2 | 0.1 | - | * | - | - | - | - | - | - | - | 1.1 | 359 |
| 8.5 - 9.4 | - | - | * | * | * | * | - | * | * | * | * | - | - | - | - | 0.1 | 31 |
| 9.5 - 10.4 | - | - | - | - | - | * | * | * | * | * | * | - | - | - | - | 0.0 | 6 |
| 10.5 - 11.4 | - | - | - | - | - | - | - | - | - | - | - | * | - | - | - | 0.0 | 1 |
| TOTAL % | 0.0 | 1.2 | 79.3 | 18.7 | 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 | 0 | 409 | 26887 | 6357 | 206 | 36 | 2 | 3 | 2 | 2 | 1 | 1 | 0 | 0 | 0 | | 33906 |

(* < 0.05%)

STATION: 51004

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- 0.4 | 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 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 3.5 - 4.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 | 0 |
| 4.5 - 5.4 | - | 0.1 | 7.1 | * | - | - | - | - | - | - | - | - | - | - | - | 7.2 | 2348 |
| 5.5 - 6.4 | - | 0.8 | 40.9 | 16.2 | 0.3 | - | - | - | - | - | - | - | - | - | - | 58.2 | 18929 |
| 6.5 - 7.4 | - | 0.5 | 11.6 | 11.3 | 2.3 | 0.1 | - | - | - | - | - | - | - | - | - | 25.7 | 8364 |
| 7.5 - 8.4 | - | 0.2 | 2.4 | 2.5 | 0.7 | 0.2 | * | - | - | - | - | - | - | - | - | 6.2 | 2002 |
| 8.5 - 9.4 | - | * | 0.6 | 0.8 | 0.3 | * | - | - | - | - | - | - | - | - | - | 1.8 | 583 |
| 9.5 - 10.4 | - | - | 0.2 | 0.1 | 0.2 | 0.1 | * | - | - | - | - | - | - | - | - | 0.6 | 211 |
| 10.5 - 11.4 | - | - | * | * | 0.1 | 0.1 | * | - | - | - | - | - | - | - | - | 0.2 | 79 |
| 11.5 - 12.4 | - | - | - | * | * | * | * | - | - | - | - | - | - | - | - | 0.1 | 23 |
| 12.5 - 13.4 | - | - | - | - | - | * | * | - | - | - | - | - | - | - | - | 0.0 | 4 |
| 13.5 - 14.4 | - | - | - | - | - | - | * | - | - | - | - | - | - | - | - | 0.0 | 1 |
| TOTAL % | 0.0 | 1.7 | 62.9 | 31.0 | 3.9 | 0.5 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| TOTAL N | 0 | 542 | 20457 | 10089 | 1268 | 170 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 32544 |

(* < 0.05%)

Summary complete: 09-Sep-2003 10:31:13