12116500 CEDAR RIVER AT CEDAR FALLS, WA--Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--March 1999 to current year.

PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: March 1999 to current year.

REMARKS.--Records good.

INSTRUMENTATION.--Temperature recorder since March, 1999.

EXTREMES FOR PERIOD OF DAILY RECORD.--
WATER TEMPERATURE: Maximum, 19.5°C (rounded) Aug. 8, 9, 16, 2000; minimum, 1.2°C Feb. 12, 2001.

EXTREMES FOR CURRENT YEAR.--
WATER TEMPERATURE: Maximum, 18.3°C Sept. 15, minimum, 1.2°C Feb. 12.

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | OCTOBER | | | NOVEMBER | | | DECEMBER | | | JANUARY | | |
| 1 | 13.8 | 13.3 | 13.5 | 9.3 | 9.0 | 9.1 | 4.9 | 4.6 | 4.7 | 3.4 | 3.1 | 3.2 |
| 2 | 13.5 | 13.1 | 13.3 | 9.0 | 8.8 | 8.9 | 4.9 | 4.5 | 4.8 | 3.5 | 3.1 | 3.3 |
| 3 | 13.4 | 12.9 | 13.1 | 9.0 | 8.7 | 8.9 | 4.7 | 4.5 | 4.6 | 3.5 | 3.3 | 3.4 |
| 4 | 13.2 | 12.7 | 12.9 | 9.0 | 8.8 | 8.9 | 4.6 | 4.3 | 4.5 | 4.2 | 3.3 | 3.7 |
| 5 | 13.0 | 12.5 | 12.7 | 8.9 | 8.7 | 8.8 | 4.4 | 4.2 | 4.3 | 4.6 | 4.2 | 4.5 |
| 6 | 12.5 | 12.0 | 12.3 | 8.7 | 8.5 | 8.7 | 4.3 | 4.1 | 4.2 | 4.6 | 4.0 | 4.2 |
| 7 | 12.2 | 11.8 | 12.0 | 8.6 | 8.4 | 8.5 | 4.2 | 3.9 | 4.1 | 4.0 | 3.6 | 3.7 |
| 8 | 11.9 | 11.6 | 11.7 | 8.4 | 8.0 | 8.3 | 4.0 | 3.8 | 3.9 | 3.9 | 3.5 | 3.6 |
| 9 | 11.8 | 11.7 | 11.7 | 8.1 | 7.7 | 8.0 | 4.0 | 3.8 | 3.9 | 3.5 | 3.1 | 3.3 |
| 10 | 11.7 | 11.6 | 11.6 | 7.7 | 7.0 | 7.3 | 3.9 | 3.5 | 3.8 | 3.4 | 3.2 | 3.3 |
| 11 | 12.0 | 11.3 | 11.6 | 7.0 | 6.7 | 6.9 | 3.5 | 2.6 | 3.1 | 3.5 | 3.3 | 3.3 |
| 12 | 11.7 | 11.4 | 11.5 | 6.7 | 6.3 | 6.6 | 2.6 | 2.2 | 2.3 | 3.3 | 3.1 | 3.3 |
| 13 | 11.6 | 11.3 | 11.5 | 6.3 | 5.9 | 6.2 | 2.5 | 1.7 | 1.9 | 3.3 | 3.1 | 3.2 |
| 14 | 11.4 | 11.1 | 11.2 | 5.9 | 5.6 | 5.7 | 3.6 | 1.5 | 2.0 | 3.3 | 3.0 | 3.2 |
| 15 | 11.1 | 10.8 | 11.0 | 5.6 | 5.2 | 5.4 | 1.9 | 1.7 | 1.8 | 3.0 | 2.5 | 2.8 |
| 16 | 10.8 | 10.7 | 10.8 | 5.3 | 5.0 | 5.2 | 2.4 | 1.7 | 2.0 | 2.7 | 2.3 | 2.5 |
| 17 | 10.8 | 10.6 | 10.7 | 5.1 | 4.9 | 5.0 | 2.7 | 2.4 | 2.6 | 2.3 | 2.2 | 2.3 |
| 18 | 10.9 | 10.7 | 10.8 | 5.0 | 4.7 | 4.8 | 3.0 | 2.4 | 2.8 | 2.3 | 2.2 | 2.2 |
| 19 | 10.9 | 10.5 | 10.7 | 5.0 | 4.8 | 4.9 | 2.9 | 2.7 | 2.9 | 2.4 | 2.1 | 2.3 |
| 20 | 10.8 | 10.4 | 10.6 | 5.1 | 4.8 | 4.9 | 2.9 | 2.6 | 2.8 | 2.5 | 2.1 | 2.4 |
| 21 | 10.4 | 10.0 | 10.3 | 4.9 | 4.6 | 4.8 | 2.6 | 2.3 | 2.4 | 2.6 | 2.4 | 2.5 |
| 22 | 10.3 | 9.8 | 10.0 | 4.8 | 4.5 | 4.6 | 2.4 | 2.2 | 2.3 | 2.7 | 2.3 | 2.4 |
| 23 | 10.1 | 9.6 | 9.8 | 4.7 | 4.5 | 4.6 | 2.6 | 2.3 | 2.5 | 2.6 | 2.4 | 2.5 |
| 24 | 9.8 | 9.4 | 9.6 | 5.0 | 4.7 | 4.9 | 2.8 | 2.6 | 2.7 | 2.8 | 2.5 | 2.7 |
| 25 | 9.7 | 9.5 | 9.6 | 5.1 | 4.9 | 5.0 | 3.1 | 2.8 | 3.0 | 2.8 | 2.5 | 2.7 |
| 26 | 9.8 | 9.6 | 9.6 | 5.4 | 5.0 | 5.2 | 3.3 | 3.0 | 3.2 | 2.7 | 2.3 | 2.5 |
| 27 | 9.8 | 9.6 | 9.7 | 5.4 | 5.2 | 5.3 | 3.5 | 3.3 | 3.4 | 2.4 | 2.1 | 2.2 |
| 28 | 9.8 | 9.6 | 9.7 | 5.3 | 4.9 | 5.1 | 3.4 | 3.2 | 3.3 | 2.2 | 1.9 | 2.1 |
| 29 | 9.8 | 9.6 | 9.7 | 5.0 | 4.7 | 4.7 | 3.8 | 3.3 | 3.4 | 1.9 | 1.7 | 1.8 |
| 30 | 9.6 | 9.3 | 9.5 | 4.8 | 4.6 | 4.7 | 3.6 | 3.3 | 3.5 | 2.2 | 1.8 | 1.9 |
| 31 | 9.4 | 9.3 | 9.3 | --- | --- | --- | 3.6 | 3.4 | 3.5 | 2.8 | 2.2 | 2.6 |
| MONTH | 13.8 | 9.3 | 11.0 | 9.3 | 4.5 | 6.3 | 4.9 | 1.5 | 3.2 | 4.6 | 1.7 | 2.9 |

12116500 CEDAR RIVER AT CEDAR FALLS, WA--Continued

TEMPERATURE, WATER (DEG. C), WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | FEBRUARY | | | MARCH | | | APRIL | | | MAY | |
| 1 | 3.1 | 2.6 | 2.9 | 3.3 | 2.8 | 3.1 | 5.4 | 5.0 | 5.2 | 8.4 | 7.8 | 8.1 |
| 2 | 3.2 | 3.0 | 3.1 | 3.0 | 2.7 | 2.8 | 5.3 | 4.7 | 5.0 | 8.4 | 8.0 | 8.2 |
| 3 | 3.1 | 2.8 | 2.9 | 3.0 | 2.5 | 2.8 | 5.4 | 4.9 | 5.1 | 8.6 | 8.0 | 8.3 |
| 4 | 3.4 | 2.8 | 3.2 | 3.1 | 2.6 | 2.8 | 6.2 | 4.8 | 5.3 | 8.5 | 8.1 | 8.3 |
| 5 | 3.4 | 3.1 | 3.3 | 3.8 | 3.1 | 3.4 | 5.7 | 5.2 | 5.4 | 8.4 | 8.1 | 8.2 |
| 6 | 3.1 | 2.6 | 3.0 | 4.6 | 3.6 | 3.9 | 5.6 | 5.1 | 5.3 | 8.7 | 8.0 | 8.3 |
| 7 | 2.6 | 2.1 | 2.4 | 4.9 | 4.4 | 4.6 | 5.6 | 5.1 | 5.3 | 8.9 | 8.0 | 8.4 |
| 8 | 2.1 | 1.9 | 2.1 | 4.9 | 4.3 | 4.7 | 5.5 | 5.1 | 5.3 | 8.6 | 8.2 | 8.4 |
| 9 | 2.0 | 1.6 | 1.8 | 4.3 | 3.6 | 3.9 | 5.7 | 5.2 | 5.5 | 8.8 | 8.3 | 8.5 |
| 10 | 1.8 | 1.4 | 1.6 | 3.9 | 3.6 | 3.7 | 5.4 | 5.2 | 5.3 | 9.1 | 8.4 | 8.6 |
| 11 | 1.8 | 1.4 | 1.5 | 4.1 | 3.7 | 3.9 | 5.9 | 5.2 | 5.5 | 9.9 | 8.5 | 9.0 |
| 12 | 1.6 | 1.2 | 1.4 | 4.3 | 4.0 | 4.2 | 5.7 | 5.4 | 5.5 | 10.0 | 8.8 | 9.2 |
| 13 | 1.8 | 1.4 | 1.7 | 4.3 | 4.1 | 4.2 | 5.7 | 5.3 | 5.5 | 9.6 | 8.8 | 9.1 |
| 14 | 2.0 | 1.5 | 1.8 | 4.2 | 3.8 | 4.0 | 6.1 | 5.5 | 5.7 | 9.2 | 8.9 | 9.0 |
| 15 | 2.2 | 1.8 | 2.1 | 4.2 | 3.7 | 4.0 | 6.4 | 5.6 | 6.1 | 9.6 | 9.1 | 9.4 |
| 16 | 1.8 | 1.6 | 1.7 | 3.9 | 3.6 | 3.8 | 7.0 | 6.2 | 6.6 | 10.0 | 9.4 | 9.8 |
| 17 | 1.9 | 1.5 | 1.7 | 4.5 | 3.7 | 4.1 | 7.2 | 6.5 | 6.8 | 10.1 | 10.0 | 10.0 |
| 18 | 1.9 | 1.6 | 1.8 | 5.2 | 4.4 | 4.7 | 7.4 | 6.7 | 7.0 | 10.2 | 9.8 | 10.0 |
| 19 | 2.3 | 1.5 | 1.9 | 5.1 | 4.6 | 4.9 | 7.5 | 6.7 | 6.9 | 9.9 | 9.7 | 9.8 |
| 20 | 2.7 | 2.0 | 2.2 | 5.5 | 4.4 | 4.8 | 7.4 | 6.8 | 7.1 | 10.3 | 9.5 | 9.8 |
| 21 | 2.8 | 2.2 | 2.5 | 5.3 | 4.6 | 4.8 | 7.9 | 6.9 | 7.3 | 10.1 | 9.5 | 9.8 |
| 22 | 3.0 | 2.5 | 2.8 | 5.3 | 4.6 | 4.8 | 7.6 | 7.0 | 7.3 | 10.6 | 9.7 | 10.1 |
| 23 | 3.3 | 2.9 | 3.1 | 5.3 | 4.7 | 5.0 | 7.6 | 7.1 | 7.5 | 10.8 | 9.9 | 10.3 |
| 24 | 3.6 | 3.1 | 3.3 | 5.6 | 5.0 | 5.3 | 8.3 | 7.3 | 7.8 | 10.8 | 10.1 | 10.4 |
| 25 | 3.4 | 3.0 | 3.1 | 5.7 | 5.4 | 5.5 | 8.7 | 7.7 | 8.1 | 11.1 | 10.1 | 10.5 |
| 26 | 3.5 | 2.8 | 3.1 | 5.7 | 5.3 | 5.5 | 8.6 | 8.0 | 8.2 | 11.3 | 10.1 | 10.7 |
| 27 | 3.4 | 2.9 | 3.1 | 5.3 | 5.2 | 5.3 | 8.5 | 8.0 | 8.2 | 11.1 | 10.4 | 10.7 |
| 28 | 3.3 | 2.8 | 3.0 | 5.4 | 5.0 | 5.3 | 8.4 | 8.0 | 8.2 | 10.9 | 10.4 | 10.7 |
| 29 | --- | --- | --- | 5.2 | 4.9 | 5.1 | 8.5 | 8.0 | 8.3 | 11.5 | 10.4 | 10.8 |
| 30 | --- | --- | --- | 5.6 | 5.1 | 5.3 | 8.5 | 7.9 | 8.2 | 11.4 | 10.4 | 10.8 |
| 31 | --- | --- | --- | 5.9 | 5.2 | 5.5 | --- | --- | --- | 12.4 | 10.7 | 11.4 |
| MONTH | 3.6 | 1.2 | 2.4 | 5.9 | 2.5 | 4.4 | 8.7 | 4.7 | 6.5 | 12.4 | 7.8 | 9.5 |

| DAY | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN | MAX | MIN | MEAN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | JUNE | | | JULY | | | AUGUST | | | SEPTEMBER | |
| 1 | 11.3 | 10.9 | 11.1 | 13.5 | 11.9 | 12.5 | 14.4 | 12.4 | 13.4 | 15.0 | 14.0 | 14.5 |
| 2 | 11.3 | 10.8 | 11.0 | 14.0 | 11.9 | 12.7 | 15.3 | 13.3 | 14.1 | 16.2 | 13.5 | 14.6 |
| 3 | 11.2 | 10.6 | 10.9 | 14.2 | 12.2 | 13.0 | 14.7 | 13.4 | 13.9 | 15.2 | 13.9 | 14.4 |
| 4 | 11.4 | 10.9 | 11.1 | 14.4 | 12.6 | 13.3 | 14.7 | 13.4 | 14.0 | 16.2 | 13.8 | 14.5 |
| 5 | 11.3 | 10.7 | 11.0 | 14.1 | 12.6 | 13.1 | 15.4 | 13.2 | 14.2 | 13.9 | 13.1 | 13.5 |
| 6 | 11.7 | 10.9 | 11.2 | 14.1 | 12.5 | 13.2 | 15.6 | 13.7 | 14.6 | 14.5 | 12.9 | 13.5 |
| 7 | 12.6 | 11.0 | 11.5 | 14.7 | 12.8 | 13.5 | 16.4 | 13.7 | 14.7 | 17.0 | 13.4 | 15.1 |
| 8 | 12.6 | 11.2 | 11.6 | 15.0 | 13.0 | 13.8 | 16.9 | 13.2 | 14.7 | 17.9 | 16.3 | 16.9 |
| 9 | 11.8 | 11.2 | 11.4 | 15.4 | 13.3 | 14.0 | 17.4 | 13.7 | 15.1 | 17.8 | 16.3 | 16.9 |
| 10 | 11.7 | 11.0 | 11.3 | 15.6 | 13.5 | 14.2 | 17.6 | 13.9 | 15.3 | 17.8 | 16.3 | 16.9 |
| 11 | 11.3 | 9.6 | 10.6 | 15.5 | 13.6 | 14.3 | 17.4 | 13.9 | 15.3 | 17.8 | 16.4 | 17.0 |
| 12 | 9.6 | 9.4 | 9.5 | 15.3 | 13.8 | 14.4 | 17.8 | 14.2 | 15.6 | 18.0 | 16.6 | 17.1 |
| 13 | 10.5 | 9.5 | 10.0 | 15.5 | 13.9 | 14.5 | 17.7 | 14.6 | 15.7 | 18.1 | 16.7 | 17.2 |
| 14 | 11.0 | 10.0 | 10.4 | 15.1 | 14.0 | 14.5 | 17.5 | 14.4 | 15.5 | 18.2 | 16.8 | 17.4 |
| 15 | 11.4 | 10.2 | 10.8 | 14.6 | 14.3 | 14.4 | 17.4 | 14.4 | 15.5 | 18.3 | 17.1 | 17.5 |
| 16 | 11.5 | 10.8 | 11.0 | 14.9 | 14.2 | 14.5 | 15.4 | 14.3 | 14.7 | 17.8 | 17.0 | 17.3 |
| 17 | 11.4 | 10.8 | 11.1 | 15.2 | 14.5 | 14.8 | 15.1 | 14.1 | 14.5 | 17.1 | 16.9 | 17.1 |
| 18 | 12.1 | 10.9 | 11.3 | 15.5 | 14.7 | 15.0 | 15.1 | 14.1 | 14.5 | 17.1 | 16.7 | 16.8 |
| 19 | 12.5 | 10.9 | 11.5 | 16.2 | 14.8 | 15.3 | 15.9 | 13.6 | 14.6 | 17.1 | 16.2 | 16.6 |
| 20 | 12.8 | 11.3 | 11.8 | 15.8 | 15.0 | 15.4 | 16.6 | 13.2 | 14.5 | 17.0 | 15.8 | 16.3 |
| 21 | 13.0 | 11.4 | 11.9 | 15.7 | 15.2 | 15.5 | 14.6 | 13.5 | 14.1 | 16.7 | 16.1 | 16.3 |
| 22 | 12.2 | 11.4 | 11.7 | 16.0 | 15.4 | 15.6 | 15.1 | 14.2 | 14.6 | 17.0 | 16.0 | 16.4 |
| 23 | 12.2 | 11.3 | 11.7 | 16.9 | 15.3 | 16.0 | 14.4 | 13.7 | 14.1 | 17.0 | 16.3 | 16.6 |
| 24 | 11.7 | 11.3 | 11.5 | 15.9 | 13.2 | 14.9 | 15.2 | 13.7 | 14.2 | 17.1 | 16.5 | 16.7 |
| 25 | 12.7 | 11.2 | 11.8 | 16.2 | 12.5 | 13.9 | 16.3 | 13.1 | 14.4 | 16.7 | 16.3 | 16.6 |
| 26 | 12.7 | 11.4 | 11.9 | 16.1 | 12.7 | 14.0 | 16.7 | 13.5 | 14.9 | 16.5 | 16.0 | 16.3 |
| 27 | 12.2 | 11.7 | 11.9 | 14.3 | 12.9 | 13.4 | 16.3 | 13.5 | 14.8 | 16.1 | 15.5 | 15.8 |
| 28 | 12.5 | 11.7 | 12.0 | 13.6 | 12.8 | 13.3 | 16.4 | 14.2 | 15.1 | 15.8 | 15.1 | 15.4 |
| 29 | 13.2 | 11.5 | 12.2 | 14.1 | 12.6 | 13.2 | 16.6 | 14.3 | 15.1 | 15.6 | 14.9 | 15.1 |
| 30 | 13.3 | 11.7 | 12.4 | 14.0 | 12.8 | 13.3 | 17.2 | 14.1 | 15.3 | 15.0 | 14.7 | 14.8 |
| 31 | --- | --- | --- | 14.8 | 12.8 | 13.5 | 15.9 | 14.5 | 15.0 | --- | --- | --- |
| MONTH | 13.3 | 9.4 | 11.3 | 16.9 | 11.9 | 14.1 | 17.8 | 12.4 | 14.7 | 18.3 | 12.9 | 16.0 |
| YEAR | 18.3 | 1.2 | 8.6 | | | | | | | | | |