

Beach Levels, Arch Cape, Oregon 45°48'27.1"N, 123°57'49.1"W 1999

| Date | 31 Dec 98 | 14 Feb 99 | 21 Mar 99 | 18 Apr 99 | 16 May 99 | 14 Jun 99 | 15 Jul 99 | 02 Aug 99 | 12 Sep 99 | 22 Oct 99 | 20 Nov 99 | 21 Dec 99 |
|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Distance | | | | | | | | | | | | |
| 0+00 | 50.00 | 50.00 | 50.00 | 50.00 | 50.00 | 50.00 | 50.00 | 50.00 | 50.00 | 50.00 | 50.00 | 50.00 |
| 50 | 39.39 | 40.69 | 42.43 | 43.18 | 43.04 | 43.08 | 43.33 | 43.11 | 43.02 | 43.20 | 43.19 | 43.38 |
| 1+00 | 35.92 | 37.29 | 39.44 | 37.84 | 37.81 | 37.87 | 38.94 | 38.91 | 38.84 | 39.11 | 37.96 | 38.02 |
| +50 | 33.11 | 33.74 | 34.84 | 33.94 | 33.68 | 33.92 | 32.09 | 30.48 | 31.58 | 33.97 | 33.35 | 33.00 |
| 2+00 | 30.42 | 30.52 | 29.78 | 30.87 | 30.74 | 30.74 | 28.56 | 29.45 | 29.27 | 31.09 | 30.56 | 30.38 |
| +50 | 28.37 | 27.89 | 28.37 | 28.93 | 29.04 | 28.72 | 25.29 | 27.70 | 28.49 | 29.92 | 28.88 | 29.70 |
| 3+00 | 26.86 | 26.17 | 27.13 | 27.13 | 27.22 | 27.34 | 25.42 | 25.40 | 28.38 | 28.10 | 27.30 | 27.30 |
| +50 | 26.00 | 24.56 | 25.15 | 24.33 | 26.66 | 26.32 | 25.29 | 25.00 | 27.54 | 26.74 | 25.89 | 26.22 |
| 4+00 | 25.15 | | 23.55 | 21.87 | 25.56 | 25.36 | 25.01 | 25.32 | 25.77 | slight | | 25.02 |
| +50 | 24.47 | | | 21.42 | 24.59 | 24.78 | 24.53 | 25.45 | 24.23 | ↓ | | 24.11 |
| 5+00 | 23.84 | | | 21.42 | 24.28 | 24.44 | 23.79 | 25.34 | | | | 23.28 |
| +50 | | | | 21.36 | 24.04 | | 23.70 | 24.39 | | | | |
| 6+00 | | | | 23.40 | 23.86 | | 23.55 | | | | | |
| +50 | | | | 23.81 | 23.36 | | 22.63 | | | | | |
| 7+00 | | | | 23.84 | | | | | | | | |
| +50 | | | | 23.56 | | | | | | | | |
| 8+00 | | | | 23.07 | | | | | | | | |
| +50 | | | | 22.22 | | | | | | | | |
| 9+00 | | | | | | | | | | | | |
| +50 | | | | | | | | | | | | |
| 10+00 | | | | | | | | | | | | |
| Qty of rocks | 219.0 | 222.0 | 200 | 181 | 222.2 | 233 | 152 | 146.3 | 147.4 | 126.3 | 155.9 | 15.9 |