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HARBOR SEAL, *PHOCA VITULINA RICHARDSI*,
CENSUS IN CALIFORNIA, MAY-JUNE 1989

By

Doyle A. Hanan

ADMINISTRATIVE REPORT LJ-90-10



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HARBOR SEAL, *PHOCA VITULINA RICHARDSI*, CENSUS
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INTRODUCTION AND METHODS

California Department of Fish and Game (CDFG) initiated a harbor seal, *Phoca vitulina richardsi*, census along the California coast in 1981. The census is part of a assessment program conducted cooperatively with NOAA/National Marine Fisheries Service Fisheries (NMFS). The census data are used as an index of abundance to detect changes in population abundance or distribution. The first census was incomplete, but allowed refinement of techniques used in subsequent censuses. Those techniques and the results of the 1982 to 1988 censuses are reported in Miller et al. (1983), and Hanan et al. (1985, 1986a, 1986b, 1987, 1988, and 1989). This report presents results of the 1989 census, which employed previous survey techniques as closely as field conditions permitted.

For the survey, we flew at an altitude of 600 feet in a Cessna 185¹ for the mainland and in a Partenavia P68 Observer for the Channel Islands. The Cessna is equipped with an optical glass photography port in the airplane floor behind the pilot and the

¹ Use of brand names does not imply endorsement by CDFG or NMFS.

Partenavia is equipped with a large photogrammetric port in the floor behind the copilot seat. These ports enabled us to take nearly vertical pictures of the seals which contributes less counting bias to the survey than oblique pictures.

We photographed (weather permitting) sequentially from south to north, taking advantage of the northward progression by time and location of the low tide. Since the tides progress northward faster than the survey plane, we could only survey a section of the coast each day and started at the southern-most hauling site one hour before local low tide and surveyed northward until an hour and a half after local low tide. We surveyed some sites on consecutive days to assure adequate photographic coverage. A few sites were surveyed on the return south, because they could not be surveyed during our northward flight due to high winds or fog.

In contrast to the coastal sites, we surveyed the major bays and estuaries during the high tide window of one hour before to an hour and a half after local high tide. The Channel Islands were surveyed on two consecutive days between 1100 and 1530 hours.

The survey team consisted of a pilot, data recorder, and photographer. We photographed the seals with a motor-driven Hasselblad camera (model 500-ELM), 80 mm lens, pistol grip, and large capacity (70 frames) film magazine. We used either Kodak 64 or 200 ASA Ektachrome film and utilized a Soligor II spotmeter to

assess lighting conditions. A Nikon 35 mm camera with motor-drive and a 100 mm lens served as a backup camera system in case of Hasselblad malfunctions, but was not needed during the survey. The data recorder kept track of position, time, frames exposed, estimated number of seals in a flight book of coastal charts.

Besides the aerial survey, a group of observers counted seals from the shore (ground counts) at 48 hauling sites during the survey. These observers counted seals each half hour or, if numbers were large, as frequently as conditions permitted. They counted, using binoculars or spotting scopes, from one hour before low tide to one and one half hours after low tide. If the ground count for a site exceeded the aerial count, I used the ground count for the estimated mainland total (Appendix I). This counting technique may create a bias in the total estimate and is being investigated.

After the survey, we had the roles of film from the aerial photographs developed in fifteen foot lengths without cutting using the E-6 process. After identifying the sites, we cut the film into the strips of frames for each site. We used dissecting microscopes to identify the sites and count the seals on the rolls of developed film. For each hauling site, we counted the seals by marking a thin plastic sheet laid over the film. We counted all seals as adults except those easily identified as pups, which we recorded as pups. After identifying the sites and counting the seals, we transferred the data into a microcomputer database for

storage and analysis.

The database includes both aerial and ground count information stored by year (Appendix II). We used the database management program dBASE III Plus² to create and maintain the files as individual records for each hauling site along the California coast. The records contain descriptive information about each site as well as the seal counts (Appendix III).

² A trademark of Ashton-Tate, 10150 W. Jefferson Blvd., Culver City, CA 90230

RESULTS and DISCUSSION

We surveyed the mainland coast of California on June 12-16, 1989. The total count was 15,911 seals, occupying 260 of 709 hauling sites, including 14 new sites (not previously identified or occupied, Table 1). As with the 1988 census, there were more seals per occupied site than in the previous year and fewer sites were occupied than in the previous year (Table 2). Counties north of San Francisco Bay had a larger portion of the mainland total than did the counties south of San Francisco Bay. The percentage north of the San Francisco Bay is the lowest since CDFG started the survey in 1981 (Table 2).

We surveyed the southern California Channel Islands on May 18 and May 19, using the same techniques as for the mainland. The total count for all eight islands was 4,279 seals (Table 3), which is higher than the previous year (3,947 seals), but lower than the 1987 count (4,322 seals).

The combined mainland and island counts (assuming little movement between counting areas during the census) yield a 1989 total of 20,190 harbor seals in California (Table 2).

ACKNOWLEDGMENTS

We thank the pilots Richard Anthes of CDFG and Roy Everingham of EBBCO Industries, who flew this survey for us. We also thank the people who donated their time to do the ground counts: M. Lowry, L. Torres, M. Klope, G. Smith, C. Kuizenga, K. Barsky, N. Deal, C. Woodhouse, K. Bray, D. Centola, T. Beaton, B. Stephens, J. Blecha, J. DeYoung, S. Benech, D. Tryde, T. Toleman, M. McElligott, C. Pergler, R. Hardy, C. Pattison, L. Laurent, B. Hatfield, J. Hardwick, L. Osborn, D. Miller, A. Barbour, L. Fancher, D. Kopec, S. Allen, J. Kjamyr, J. Mortenson, E. Twohy, P. Warren, D. Hardy, S. Swartz, J. Gilbert, G. Kwiecien, J. Mello, L. Quirollo, R. Warner, P. Collier, and G. Wallace. I thank April Hudoff and Laura Torres for their participation in the site identifications, photographic counts, and data base entries. Jay Barlow, Richard Klingbeil, and Scott Schroeder contributed with editorial help.

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TABLE 1. Harbor seal counts with the number of sites and occupied sites by county for the June 1989 census (DN=Del Norte, H=Humbolt, MEN=Mendocino, SON=Sonoma, MAR=Marin, CC=Contra Costa, SF=San Francisco, ALA=Alameda, SM=San Mateo, FI=Farallon Islands, SC=Santa Cruz, SCL=Santa Clara, M=Monterey, SLO=San Luis Obispo, SB=Santa Barbara, V=Ventura, SD=San Diego).

| County | Seals | % Total | # Sites | # Occupied | Seals/site |
|--------|--------|---------|---------|------------|------------|
| DN | 789 | 5 | 14 | 4 | 197 |
| H | 1203 | 8 | 61 | 16 | 75 |
| MEN | 1795 | 11 | 100 | 44 | 41 |
| SON | 1424 | 9 | 110 | 43 | 33 |
| MAR | 3049 | 17 | 62 | 16 | 191 |
| CC | 55 | <1 | 1 | 1 | 55 |
| SF | 38 | <1 | 2 | 1 | 19 |
| ALA | 227 | 1 | 3 | 3 | 76 |
| SM | 1019 | 7 | 45 | 20 | 51 |
| FI | 42 | <1 | * | * | * |
| SC | 649 | 4 | 14 | 8 | 81 |
| SCL | 59 | <1 | 1 | 1 | 59 |
| M | 1792 | 12 | 134 | 40 | 45 |
| SLO | 2308 | 15 | 120 | 44 | 52 |
| V | 139 | 1 | 1 | 1 | 139 |
| SB | 1298 | 8 | 36 | 16 | 81 |
| SD | 25 | <1 | 4 | 1 | 25 |
| | 15,911 | 100 | 709 | 260 | 61 |

*Multiple sites included as one count

TABLE 2. Summary of harbor seal counts for the years 1982-1989.

| Year | Mainland | | | SoCal | Island | California |
|------|----------|---------|------------|--------|--------|------------|
| | Total | # sites | % occupied | Total | | Total |
| 1982 | 13,474 | 426 | 57 | 3,865 | | 17,339 |
| 1983 | 10,757 | 482 | 38 | 3,472 | | 14,229 |
| 1984 | 10,885 | 518 | 42 | 3,218 | | 14,103 |
| 1985 | 12,552 | 581 | 47 | 2,280* | | 14,832 |
| 1986 | 13,913 | 648 | 50 | 1,801* | | 15,714 |
| 1987 | 15,316 | 681 | 47 | 4,322 | | 19,638 |
| 1988 | 14,493 | 695 | 40 | 3,947 | | 18,440 |
| 1989 | 15,911 | 709 | 37 | 4,279 | | 20,190 |

*Late June count-probably missed peak abundance

TABLE 3. Southern California Channel Island harbor seal counts by year (SCI=San Clemente Island, CAT=Santa Catalina Island, SBI=Santa Barbara Island, SNI=San Nicolas Island, ANA=Anacapa Island, SCR=Santa Cruz Island, SRI=Santa Rosa Island, SMI=San Miguel Island).

| YEAR | SCI | CAT | SBI | SNI | ANA | SCR | SRI | SMI | TOT |
|-------------------|-----------------|-----------------|----------------|------------------|------------------|------------------|------------------|-------------------|------|
| 1982 ¹ | 8 | 68 | 2 | 694 ² | 226 | 769 | 1008 | 1090 | 3865 |
| 1983 | 31 ³ | 82 ³ | 0 ³ | 694 ³ | 163 ⁴ | 588 ⁴ | 910 ⁴ | 1004 ⁴ | 3472 |
| 1984 ⁵ | 58 | 174 | 0 | 380 | 116 | 888 | 938 | 664 | 3218 |
| 1985 ⁶ | 67 | 117 | 31 | 139 | 207 | 515 | 585 | 619 | 2280 |
| 1986 ³ | 46 | 37 | 11 | 207 | 47 ⁷ | 117 | 487 | 1123 | 2075 |
| 1987 ⁸ | 180 | 205 | 8 | 470 | 292 | 902 | 1114 | 1150 | 4321 |
| 1988 ⁹ | 54 | 262 | 35 | 550 | 75 | 635 | 1200 | 1136 | 3947 |
| 1989 | 245 | 372 | 12 | 434 | 293 | 922 | 1073 | 928 | 4279 |

1 Stewart 1982

2 Stewart and Yochem 1984A

3 Hanan et al. 1987

4 Stewart and Yochem 1984B

5 Hanan et al. 1986A

6 Hanan et al. 1986B

7 Only one site due to fog

8 Hanan et al. 1988

9 Hanan et al. 1989

APPENDIX I. Census results for the 1988 harbor seal survey along the California coast. Date=date of count; Site=site number; Prob (source of problem possibly affecting count): C=camera, D=disturbance, F=fog; Time=time of count or photograph; FA=adult seal count from photograph; FP=count of pups from photograph; FT=total seals from photograph; GA=ground count of adult seals; GP=ground count of pups; GT=total seals from ground count; ET=higher number from FT or GT; Max=maximum count to date for a site.

| DATE | SITE | P R O B | TIME | FA | FP | FT | GA | GP | GT | ET | MAX |
|---------|-------|------------------|------|----|----|-----|----|----|-----|-----|-----|
| | 000.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| | 001.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 002.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 6/12/89 | 003.0 | | 1015 | 0 | 0 | 0 | 0 | 0 | 25 | 25 | 25 |
| 6/12/89 | 004.0 | | 1230 | 0 | 0 | 135 | 0 | 0 | 139 | 139 | 139 |
| 6/14/89 | 005.0 | | 1145 | 0 | 0 | 0 | 0 | 0 | 3 | 3 | 116 |
| 6/12/89 | 006.0 | | 1215 | 0 | 0 | 53 | 0 | 0 | 66 | 66 | 70 |
| | 007.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 53 |
| | 008.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| 6/12/89 | 009.0 | | 1042 | 0 | 0 | 21 | 0 | 0 | 0 | 21 | 70 |
| | 010.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 205 |
| | 010.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6/12/89 | 010.8 | | 1104 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 3 |
| 6/12/89 | 011.0 | | 1100 | 0 | 0 | 202 | 0 | 0 | 377 | 377 | 554 |
| 6/12/89 | 011.1 | | 1106 | 0 | 0 | 16 | 0 | 0 | 16 | 16 | 213 |
| 6/12/89 | 012.0 | | 1108 | 0 | 0 | 29 | 0 | 0 | 1 | 29 | 38 |
| | 013.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 |
| | 013.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| 6/12/89 | 014.0 | | 1118 | 0 | 0 | 9 | 0 | 0 | 0 | 9 | 13 |
| 6/12/89 | 014.1 | | 1118 | 0 | 0 | 262 | 0 | 0 | 263 | 263 | 263 |
| | 014.2 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 122 |
| | 014.4 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 290 |
| | 014.8 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 98 |
| | 015.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 247 |
| 6/13/89 | 015.1 | | 1300 | 0 | 0 | 0 | 0 | 0 | 94 | 94 | 228 |
| | 015.2 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 119 |
| 6/12/89 | 016.0 | | 1119 | 0 | 0 | 239 | 0 | 0 | 0 | 239 | 239 |
| | 017.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 57 |
| | 017.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| | 018.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 127 |
| 6/12/89 | 019.0 | | 1129 | 0 | 0 | 65 | 0 | 0 | 0 | 65 | 100 |
| | 019.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 53 |
| | 019.2 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| 6/12/89 | 020.0 | | 1130 | 0 | 0 | 34 | 0 | 0 | 0 | 34 | 43 |
| 6/12/89 | 021.0 | | 1136 | 0 | 0 | 19 | 0 | 0 | 0 | 19 | 19 |
| | 021.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| | 021.2 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 |

| DATE | SITE | P R O B | TIME | FA | FP | FT | GA | GP | GT | ET | MAX |
|---------|--------|------------------|------|----|----|-----|----|----|-----|-----|-----|
| | 021.3 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| | 021.5 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| 6/12/89 | 022.0 | | 1139 | 0 | 0 | 52 | 0 | 0 | 0 | 52 | 67 |
| 6/12/89 | 023.0 | | 1149 | 0 | 0 | 10 | 0 | 0 | 0 | 10 | 13 |
| 6/12/89 | 023.1 | | 1148 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 34 |
| | 024.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 58 |
| 6/14/89 | 025.0 | | 1330 | 0 | 0 | 0 | 0 | 0 | 36 | 36 | 138 |
| | 026.0 | | 1200 | 0 | 0 | 0 | 0 | 0 | 4 | 4 | 51 |
| | 026.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 |
| | 027.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 |
| | 028.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 |
| | 029.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| | 030.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| | 031.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 67 |
| 6/13/89 | 031.1 | | 1200 | 0 | 0 | 0 | 0 | 0 | 32 | 32 | 45 |
| | 032.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 6/14/89 | 032.1 | | 1400 | 0 | 0 | 0 | 0 | 0 | 93 | 93 | 93 |
| | 033.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 |
| | 033.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| 6/12/89 | 033.2 | | 1157 | 0 | 0 | 56 | 0 | 0 | 0 | 56 | 56 |
| 6/14/89 | 034.0 | | 1330 | 0 | 0 | 0 | 0 | 0 | 38 | 38 | 38 |
| | 034.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 38 |
| 6/12/89 | 035.0 | | 1315 | 0 | 0 | 31 | 0 | 0 | 41 | 41 | 59 |
| | 035.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 6/12/89 | 036.0 | | 1045 | 0 | 0 | 0 | 0 | 0 | 19 | 19 | 42 |
| 6/14/89 | 037.0 | | 1200 | 0 | 0 | 23 | 0 | 0 | 27 | 27 | 61 |
| 6/13/89 | 038.0 | | 1400 | 0 | 0 | 0 | 0 | 0 | 48 | 48 | 68 |
| 6/12/89 | 039.0 | | 1200 | 0 | 0 | 163 | 0 | 0 | 199 | 199 | 199 |
| | 039.05 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| | 039.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| | 040.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 126 |
| | 040.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6/12/89 | 041.0 | | 1205 | 0 | 0 | 54 | 0 | 0 | 0 | 54 | 65 |
| 6/13/89 | 041.1 | | 1400 | 0 | 0 | 19 | 0 | 0 | 116 | 116 | 116 |
| 6/12/89 | 041.2 | | 1206 | 0 | 0 | 44 | 0 | 0 | 0 | 44 | 73 |
| 6/12/89 | 042.0 | | 1206 | 0 | 0 | 4 | 0 | 0 | 0 | 4 | 36 |
| | 042.1 | | | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 44 |
| | 043.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 |
| | 043.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| | 044.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 |
| | 045.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 |
| 6/13/89 | 046.0 | | 1315 | 0 | 0 | 31 | 0 | 0 | 35 | 35 | 41 |
| | 046.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 047.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |

| DATE | SITE | P R O B | TIME | FA | FP | FT | GA | GP | GT | ET | MAX |
|---------|--------|------------------|------|----|----|-----|----|----|-----|-----|-----|
| | 048.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 |
| 6/12/89 | 049.0 | | 1217 | 0 | 0 | 45 | 0 | 0 | 0 | 45 | 95 |
| | 050.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 86 |
| | 051.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 62 |
| | 052.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 126 |
| 6/13/89 | 053.0 | | 1200 | 0 | 0 | 0 | 0 | 0 | 139 | 139 | 197 |
| 6/12/89 | 054.0 | | 1220 | 0 | 0 | 96 | 0 | 0 | 0 | 96 | 96 |
| 6/12/89 | 055.0 | | 1221 | 0 | 0 | 130 | 0 | 0 | 0 | 130 | 130 |
| 6/12/89 | 055.1 | | 1221 | 0 | 0 | 28 | 0 | 0 | 0 | 28 | 75 |
| 6/12/89 | 055.2 | | 1221 | 0 | 0 | 20 | 0 | 0 | 0 | 20 | 20 |
| | 055.3 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 055.5 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| | 056.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 50 |
| | 056.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 39 |
| 6/12/89 | 056.2 | | 1226 | 0 | 0 | 11 | 0 | 0 | 0 | 11 | 33 |
| | 057.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 46 |
| | 057.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| | 057.2 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| | 058.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 67 |
| 6/12/89 | 058.1 | | 1226 | 0 | 0 | 47 | 0 | 0 | 0 | 47 | 51 |
| | 058.5 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| | 058.7 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 |
| | 058.9 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 43 |
| 6/12/89 | 059.0 | | 1227 | 0 | 0 | 23 | 0 | 0 | 0 | 23 | 23 |
| | 060.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| | 061.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 |
| | 061.8 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| | 062.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 |
| | 063.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 |
| | 064.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 |
| | 064.5 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| | 065.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 43 |
| | 065.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6/12/89 | 065.2 | | 1228 | 0 | 0 | 51 | 0 | 0 | 0 | 51 | 51 |
| 6/12/89 | 066.0 | | 1231 | 0 | 0 | 7 | 0 | 0 | 0 | 7 | 51 |
| | 066.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 |
| | 066.2 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6/12/89 | 067.0 | | 1233 | 0 | 0 | 65 | 0 | 0 | 0 | 65 | 65 |
| | 068.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| | 068.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| | 068.15 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 |
| 6/12/89 | 068.2 | | 1234 | 0 | 0 | 42 | 0 | 0 | 0 | 42 | 42 |
| 6/12/89 | 068.25 | | 1234 | 0 | 0 | 43 | 0 | 0 | 0 | 43 | 43 |
| 6/12/89 | 068.3 | | 1236 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 |

| DATE | SITE | P R O B | TIME | FA | FP | FT | GA | GP | GT | ET | MAX |
|---------|-------|------------------|------|----|----|-----|----|----|----|-----|-----|
| 6/12/89 | 069.0 | | 1237 | 0 | 0 | 14 | 0 | 0 | 0 | 14 | 15 |
| | 069.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| | 070.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 |
| | 070.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| 6/12/89 | 071.0 | | 1238 | 0 | 0 | 102 | 0 | 0 | 0 | 102 | 102 |
| | 071.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| | 072.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 68 |
| | 073.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| | 073.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 |
| 6/14/89 | 074.0 | | 1429 | 0 | 0 | 56 | 0 | 0 | 63 | 63 | 68 |
| | 074.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 6/12/89 | 075.0 | | 1248 | 0 | 0 | 69 | 0 | 0 | 0 | 69 | 69 |
| | 075.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 6/12/89 | 076.0 | | 1249 | 0 | 0 | 102 | 0 | 0 | 0 | 102 | 102 |
| | 076.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 |
| 6/12/89 | 077.0 | | 1252 | 0 | 0 | 8 | 0 | 0 | 0 | 8 | 17 |
| 6/12/89 | 077.1 | | 1252 | 0 | 0 | 23 | 0 | 0 | 0 | 23 | 23 |
| | 078.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 104 |
| 6/12/89 | 079.0 | | 1252 | 0 | 0 | 41 | 0 | 0 | 0 | 41 | 64 |
| | 079.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| | 080.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 |
| 6/12/89 | 080.1 | | 1253 | 0 | 0 | 11 | 0 | 0 | 0 | 11 | 16 |
| | 081.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| | 081.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| | 081.2 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 |
| 6/12/89 | 081.3 | | 1254 | 0 | 0 | 21 | 0 | 0 | 0 | 21 | 21 |
| | 082.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70 |
| | 083.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 58 |
| | 084.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| 6/12/89 | 085.0 | | 1257 | 0 | 0 | 120 | 0 | 0 | 0 | 120 | 122 |
| | 086.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 68 |
| | 086.8 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6/12/89 | 087.0 | | 1300 | 0 | 0 | 131 | 0 | 0 | 0 | 131 | 138 |
| | 087.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 088.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| | 089.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 |
| 6/12/89 | 090.0 | | 1303 | 0 | 0 | 11 | 0 | 0 | 0 | 11 | 15 |
| 6/12/89 | 091.0 | | 1304 | 0 | 0 | 13 | 0 | 0 | 0 | 13 | 13 |
| | 091.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 |
| | 092.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| | 093.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 6/12/89 | 093.1 | | 1305 | 0 | 0 | 18 | 0 | 0 | 0 | 18 | 18 |
| 6/12/89 | 093.3 | | 1305 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 |
| | 094.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |

| DATE | SITE | P R O B | TIME | FA | FP | FT | GA | GP | GT | ET | MAX |
|---------|-------|------------------|------|----|----|-----|----|----|----|-----|-----|
| | 094.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| | 094.2 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| | 094.3 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 094.4 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| | 094.5 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 095.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| 6/12/89 | 096.0 | | 1307 | 0 | 0 | 19 | 0 | 0 | 0 | 19 | 19 |
| | 096.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| | 096.2 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| | 096.3 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 096.4 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 6/12/89 | 097.0 | | 1307 | 0 | 0 | 23 | 0 | 0 | 0 | 23 | 23 |
| 6/12/89 | 098.0 | | 1311 | 0 | 0 | 25 | 0 | 0 | 0 | 25 | 59 |
| | 099.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| | 099.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| | 099.2 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| | 099.5 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| | 100.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| | 101.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 |
| 6/12/89 | 102.0 | | 1313 | 0 | 0 | 16 | 0 | 0 | 0 | 16 | 44 |
| | 102.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| | 103.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 103.8 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| 6/12/89 | 104.0 | C | 1314 | 0 | 0 | 11 | 0 | 0 | 0 | 11 | 11 |
| | 104.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| | 104.2 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 104.3 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6/12/89 | 104.5 | C | 1317 | 0 | 0 | 11 | 0 | 0 | 0 | 11 | 11 |
| | 105.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| | 105.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| | 106.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 106.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 107.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 34 |
| | 107.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| | 108.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| | 109.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 6/12/89 | 110.0 | | 1322 | 0 | 0 | 127 | 0 | 0 | 0 | 127 | 208 |
| 6/12/89 | 111.0 | | 1327 | 0 | 0 | 98 | 0 | 0 | 0 | 98 | 98 |
| | 112.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 43 |
| | 113.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 37 |
| 6/12/89 | 114.0 | | ? | 0 | 0 | 28 | 0 | 0 | 0 | 28 | 71 |
| | 114.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| | 114.2 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| | 114.3 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |

| DATE | SITE | P R O B | TIME | FA | FP | FT | GA | GP | GT | ET | MAX |
|---------|-------|------------------|------|----|----|-----|----|----|----|-----|-----|
| | 114.4 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| | 114.5 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| | 115.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 46 |
| | 116.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| | 117.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 |
| | 118.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| | 118.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| | 118.5 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| | 119.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| | 119.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| | 120.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 6/12/89 | 121.0 | | 1330 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 3 |
| | 122.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| | 123.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| | 124.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 125.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| | 126.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| 6/12/89 | 126.5 | | 1331 | 0 | 0 | 13 | 0 | 0 | 0 | 13 | 13 |
| 6/12/89 | 127.0 | C | 1332 | 0 | 0 | 102 | 0 | 0 | 0 | 102 | 118 |
| | 128.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6/12/89 | 129.0 | | 1337 | 0 | 0 | 48 | 0 | 0 | 0 | 48 | 54 |
| 6/12/89 | 130.0 | | 1339 | 0 | 0 | 109 | 0 | 0 | 0 | 109 | 266 |
| 6/12/89 | 130.1 | | 1340 | 0 | 0 | 30 | 0 | 0 | 0 | 30 | 30 |
| | 131.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 71 |
| | 131.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 56 |
| 6/12/89 | 131.2 | | 1341 | 0 | 0 | 14 | 0 | 0 | 0 | 14 | 14 |
| | 131.3 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 64 |
| | 132.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 107 |
| | 132.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| 6/12/89 | 133.0 | | 1341 | 0 | 0 | 127 | 0 | 0 | 0 | 127 | 159 |
| | 134.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| | 134.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| | 134.2 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| | 134.5 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| | 135.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 38 |
| | 136.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| | 137.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| | 137.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| | 138.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 |
| | 138.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| | 139.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| | 139.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| 6/13/89 | 140.0 | | 1152 | 0 | 0 | 6 | 0 | 0 | 0 | 6 | 19 |
| | 140.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |

| DATE | SITE | P R O B | TIME | FA | FP | FT | GA | GP | GT | ET | MAX |
|---------|--------|------------------|------|----|----|-----|----|----|-----|-----|-----|
| 6/13/89 | 141.0 | | 1152 | 0 | 0 | 78 | 0 | 0 | 0 | 78 | 78 |
| 6/13/89 | 141.1 | | 1155 | 0 | 0 | 24 | 0 | 0 | 0 | 24 | 24 |
| | 142.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| 6/13/89 | 143.0 | | 1157 | 0 | 0 | 8 | 0 | 0 | 0 | 8 | 8 |
| | 143.5 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| | 144.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 |
| 6/13/89 | 144.5 | | 1158 | 0 | 0 | 10 | 0 | 0 | 0 | 10 | 10 |
| | 145.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 |
| 6/13/89 | 146.0 | | 1159 | 0 | 0 | 72 | 0 | 0 | 0 | 72 | 72 |
| | 147.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 48 |
| 6/13/89 | 148.0 | | 1203 | 0 | 0 | 70 | 0 | 0 | 0 | 70 | 70 |
| | 149.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 71 |
| 6/13/89 | 150.0 | | 1203 | 0 | 0 | 97 | 0 | 0 | 0 | 97 | 97 |
| 6/13/89 | 151.0 | | 1204 | 0 | 0 | 66 | 0 | 0 | 0 | 66 | 80 |
| 6/12/89 | 152.0 | | 1200 | 0 | 0 | 43 | 0 | 0 | 70 | 70 | 85 |
| 6/13/89 | 153.0 | | 1206 | 0 | 0 | 14 | 0 | 0 | 0 | 14 | 93 |
| 6/13/89 | 154.0 | | 1207 | 0 | 0 | 67 | 0 | 0 | 0 | 67 | 74 |
| | 154.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| | 155.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 65 |
| | 155.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 63 |
| 6/13/89 | 156.0 | | 1207 | 0 | 0 | 48 | 0 | 0 | 0 | 48 | 61 |
| | 156.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 54 |
| 6/13/89 | 157.0 | | 1208 | 0 | 0 | 106 | 0 | 0 | 0 | 106 | 175 |
| | 157.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 158.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| | 159.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| 6/13/89 | 160.0 | | 1210 | 0 | 0 | 7 | 0 | 0 | 0 | 7 | 45 |
| | 160.05 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| | 160.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| 6/13/89 | 161.0 | | 1211 | 0 | 0 | 50 | 0 | 0 | 0 | 50 | 50 |
| | 161.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32 |
| | 161.2 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 6/13/89 | 162.0 | | 1211 | 0 | 0 | 53 | 0 | 0 | 0 | 53 | 149 |
| | 162.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6/13/89 | 162.2 | | 1212 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 9 |
| | 163.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| 6/13/89 | 164.0 | | 1222 | 0 | 0 | 92 | 0 | 0 | 70 | 92 | 92 |
| | 164.7 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 41 |
| 6/13/89 | 165.0 | D | 1232 | 0 | 0 | 89 | 0 | 0 | 70 | 89 | 89 |
| 6/13/89 | 166.0 | | 1500 | 0 | 0 | 132 | 0 | 0 | 176 | 176 | 176 |
| 6/13/89 | 167.0 | | 1238 | 0 | 0 | 55 | 0 | 0 | 0 | 55 | 169 |
| | 167.8 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 168.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 |
| 6/13/89 | 169.0 | | 1241 | 0 | 0 | 23 | 0 | 0 | 0 | 23 | 40 |

| DATE | SITE | P R O B | TIME | FA | FP | FT | GA | GP | GT | ET | MAX |
|---------|-------|------------------|------|----|----|-----|----|----|-----|-----|-----|
| | 170.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 170.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 171.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 |
| 6/13/89 | 172.0 | | 1245 | 0 | 0 | 145 | 0 | 0 | 0 | 145 | 145 |
| 6/13/89 | 173.0 | | 1245 | 0 | 0 | 21 | 0 | 0 | 0 | 21 | 53 |
| 6/13/89 | 174.0 | | 1430 | 0 | 0 | 65 | 0 | 0 | 139 | 139 | 139 |
| | 175.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 81 |
| 6/13/89 | 175.5 | | 1248 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| | 176.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| 6/13/89 | 177.0 | | 1252 | 0 | 0 | 124 | 0 | 0 | 0 | 124 | 124 |
| 6/13/89 | 178.0 | | 1254 | 0 | 0 | 30 | 0 | 0 | 0 | 30 | 116 |
| | 179.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 59 |
| 6/13/89 | 180.0 | | 1254 | 0 | 0 | 29 | 0 | 0 | 0 | 29 | 44 |
| 6/13/89 | 181.0 | | 1255 | 0 | 0 | 11 | 0 | 0 | 0 | 11 | 17 |
| 6/13/89 | 182.0 | | 1255 | 0 | 0 | 26 | 0 | 0 | 0 | 26 | 26 |
| | 182.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| | 182.2 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| | 182.7 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 183.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| | 184.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6/13/89 | 185.0 | | 1258 | 0 | 0 | 43 | 0 | 0 | 0 | 43 | 43 |
| | 186.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| | 186.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 187.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| 6/13/89 | 187.7 | | 1259 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 |
| 6/13/89 | 188.0 | | 1300 | 0 | 0 | 185 | 0 | 0 | 0 | 185 | 185 |
| | 189.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| 6/13/89 | 190.0 | | 1301 | 0 | 0 | 105 | 0 | 0 | 0 | 105 | 105 |
| | 191.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 |
| | 191.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| | 192.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 34 |
| | 193.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 |
| | 193.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 6/13/89 | 194.0 | | 1302 | 0 | 0 | 42 | 0 | 0 | 0 | 42 | 54 |
| | 194.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6/13/89 | 195.0 | | 1308 | 0 | 0 | 144 | 0 | 0 | 0 | 144 | 144 |
| | 195.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 146 |
| | 196.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 47 |
| | 196.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 |
| 6/13/89 | 197.0 | | 1317 | 0 | 0 | 109 | 0 | 0 | 0 | 109 | 122 |
| | 197.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 |
| 6/13/89 | 198.0 | | 1319 | 0 | 0 | 24 | 0 | 0 | 0 | 24 | 125 |
| 6/13/89 | 198.1 | | 1320 | 0 | 0 | 15 | 0 | 0 | 0 | 15 | 25 |
| 6/13/89 | 199.0 | | 1318 | 0 | 0 | 15 | 0 | 0 | 0 | 15 | 131 |

| DATE | SITE | P R O B | TIME | FA | FP | FT | GA | GP | GT | ET | MAX |
|---------|-------|------------------|------|----|----|-----|----|----|----|-----|-----|
| 6/13/89 | 199.5 | | 1318 | 0 | 0 | 24 | 0 | 0 | 0 | 24 | 24 |
| | 200.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 58 |
| | 200.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 |
| 6/13/89 | 201.0 | | 1321 | 0 | 0 | 2 | 0 | 0 | 0 | 2 | 68 |
| | 201.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 6/13/89 | 202.0 | | 1324 | 0 | 0 | 49 | 0 | 0 | 0 | 49 | 58 |
| | 202.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6/14/89 | 203.0 | | 0954 | 0 | 0 | 59 | 0 | 0 | 0 | 59 | 67 |
| 6/14/89 | 204.0 | | 0959 | 0 | 0 | 12 | 0 | 0 | 0 | 12 | 14 |
| 6/14/89 | 205.0 | | 0954 | 0 | 0 | 162 | 0 | 0 | 0 | 162 | 328 |
| 6/14/89 | 206.0 | | 0952 | 0 | 0 | 53 | 0 | 0 | 0 | 53 | 53 |
| 6/15/89 | 207.0 | | 1345 | 0 | 0 | 19 | 0 | 0 | 32 | 32 | 74 |
| 6/14/89 | 208.0 | | 1012 | 0 | 0 | 9 | 0 | 0 | 0 | 9 | 17 |
| 6/14/89 | 209.0 | | 1400 | 0 | 0 | 2 | 0 | 0 | 38 | 38 | 65 |
| | 210.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| | 210.8 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| | 211.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| | 212.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 97 |
| 6/15/89 | 212.5 | | 1200 | 0 | 0 | 7 | 0 | 0 | 8 | 8 | 8 |
| 6/15/89 | 213.0 | | 1400 | 0 | 0 | 45 | 0 | 0 | 55 | 55 | 123 |
| | 214.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 34 |
| 6/14/89 | 215.0 | | 1229 | 0 | 0 | 55 | 0 | 0 | 0 | 55 | 55 |
| | 215.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 216.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| | 216.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6/14/89 | 217.0 | | 1237 | 0 | 0 | 182 | 0 | 0 | 0 | 182 | 182 |
| | 217.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 65 |
| 6/14/89 | 218.0 | | 1239 | 0 | 0 | 193 | 0 | 0 | 0 | 193 | 193 |
| | 218.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 |
| | 219.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 |
| | 219.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 219.2 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 219.3 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 6/14/89 | 220.0 | | 1247 | 0 | 0 | 58 | 0 | 0 | 0 | 58 | 93 |
| 6/14/89 | 221.0 | | 1248 | 0 | 0 | 714 | 0 | 0 | 0 | 714 | 831 |
| | 222.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| | 223.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 6/14/89 | 224.0 | | 1255 | 0 | 0 | 484 | 0 | 0 | 0 | 484 | 509 |
| 6/14/89 | 225.0 | | 1259 | 0 | 0 | 382 | 0 | 0 | 0 | 382 | 649 |
| | 226.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 66 |
| 6/16/89 | 226.1 | | 1300 | 0 | 0 | 35 | 0 | 0 | 0 | 35 | 35 |
| | 226.2 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 72 |
| | 226.3 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| | 227.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 34 |

| DATE | SITE | P R O B | TIME | FA | FP | FT | GA | GP | GT | ET | MAX |
|---------|-------|------------------|---------|----|----|-----|----|----|----|-----|-----|
| | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 |
| | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 124 |
| | | | | 0 | 0 | 245 | 0 | 0 | 0 | 245 | 245 |
| | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 90 |
| | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 |
| | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 70 |
| | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 |
| | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 |
| | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 |
| | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 |
| | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 46 |
| | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 135 |
| | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6/16/89 | 243.0 | | 1247 | 0 | 0 | 30 | 0 | 0 | 0 | 30 | 111 |
| 6/16/89 | 244.0 | | 1246 | 0 | 0 | 234 | 0 | 0 | 0 | 234 | 234 |
| | 244.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6/16/89 | 245.0 | | 1246/48 | 0 | 0 | 201 | 0 | 0 | 0 | 201 | 419 |
| | 245.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 246.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 |
| | 247.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 6/16/89 | 247.1 | | 1246 | 0 | 0 | 41 | 0 | 0 | 0 | 41 | 41 |
| | 248.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 431 |
| | 248.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 72 |
| | 248.5 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 30 |
| 6/16/89 | 249.0 | | 1242 | 0 | 0 | 14 | 0 | 0 | 0 | 14 | 236 |
| 6/16/89 | 249.1 | | 1240/44 | 0 | 0 | 173 | 0 | 0 | 0 | 173 | 173 |
| | 249.5 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 22 |
| | 250.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 6/16/89 | 251.0 | | 1236 | 0 | 0 | 88 | 0 | 0 | 0 | 88 | 115 |
| | 252.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| | 253.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| | 254.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| 6/11/89 | 255.0 | | 1400 | 0 | 0 | 15 | 0 | 0 | 45 | 45 | 45 |
| | 255.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| | 256.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| 6/16/89 | 257.0 | C | 1229 | 0 | 0 | 60 | 0 | 0 | 0 | 60 | 60 |
| | 257.8 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |

| DATE | SITE | P R O B | TIME | FA | FP | FT | GA | GP | GT | ET | MAX |
|---------|-------|------------------|------|----|----|-----|----|----|-----|-----|-----|
| | 258.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| | 259.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 259.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 260.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| | 260.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 261.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| | 261.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 6/14/89 | 261.2 | | 1331 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| 6/12/89 | 262.0 | | 1205 | 0 | 0 | 268 | 0 | 0 | 318 | 318 | 318 |
| 6/14/89 | 263.0 | | 1335 | 0 | 0 | 16 | 0 | 0 | 0 | 16 | 31 |
| | 263.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 |
| | 263.2 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| | 264.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 26 |
| 6/14/89 | 264.1 | | 1337 | 0 | 0 | 25 | 0 | 0 | 0 | 25 | 26 |
| | 265.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| | 265.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| | 266.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| | 267.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 6/14/89 | 268.0 | | 1341 | 0 | 0 | 35 | 0 | 0 | 0 | 35 | 37 |
| | 268.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| | 269.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| | 270.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| 6/14/89 | 270.1 | | 1341 | 0 | 0 | 4 | 0 | 0 | 0 | 4 | 13 |
| | 270.2 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6/14/89 | 271.0 | | 1341 | 0 | 0 | 14 | 0 | 0 | 0 | 14 | 28 |
| 6/14/89 | 272.0 | | 1341 | 0 | 0 | 9 | 0 | 0 | 0 | 9 | 14 |
| | 272.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6/14/89 | 273.0 | | 1343 | 0 | 0 | 44 | 0 | 0 | 0 | 44 | 70 |
| | 273.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6/14/89 | 274.0 | | 1345 | 0 | 0 | 36 | 0 | 0 | 0 | 36 | 36 |
| | 274.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 |
| 6/14/89 | 275.0 | | 1345 | 0 | 0 | 37 | 0 | 0 | 0 | 37 | 37 |
| 6/14/89 | 276.0 | | 1347 | 0 | 0 | 39 | 0 | 0 | 0 | 39 | 39 |
| 6/14/89 | 276.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 |
| | 277.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 51 |
| | 277.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| | 278.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| | 279.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 280.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| 6/14/89 | 281.0 | | 1349 | 0 | 0 | 28 | 0 | 0 | 0 | 28 | 57 |
| 6/14/89 | 282.0 | | 1350 | 0 | 0 | 16 | 0 | 0 | 0 | 16 | 50 |
| 6/14/89 | 282.1 | | 1350 | 0 | 0 | 4 | 0 | 0 | 0 | 4 | 7 |
| 6/14/89 | 283.0 | | 1351 | 0 | 0 | 2 | 0 | 0 | 0 | 2 | 10 |
| | 283.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |

| DATE | SITE | P R O B | TIME | FA | FP | FT | GA | GP | GT | ET | MAX |
|---------|-------|------------------|------|----|----|----|----|----|----|----|-----|
| 6/14/89 | 283.2 | | 1352 | 0 | 0 | 21 | 0 | 0 | 0 | 21 | 26 |
| | 284.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 |
| | 284.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| | 284.2 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| | 284.3 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 285.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 57 |
| | 285.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| | 285.2 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| | 285.4 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| | 286.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 6/14/89 | 286.1 | | 1353 | 0 | 0 | 9 | 0 | 0 | 0 | 9 | 9 |
| 6/14/89 | 286.5 | | 1354 | 0 | 0 | 16 | 0 | 0 | 0 | 16 | 16 |
| 6/14/89 | 287.0 | | 1354 | 0 | 0 | 62 | 0 | 0 | 0 | 62 | 67 |
| | 287.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| | 287.2 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6/14/89 | 287.3 | | 1356 | 0 | 0 | 2 | 0 | 0 | 0 | 2 | 2 |
| | 288.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 6/14/89 | 289.0 | | 1356 | 0 | 0 | 15 | 0 | 0 | 0 | 15 | 17 |
| 6/14/89 | 290.0 | | 1358 | 0 | 0 | 17 | 0 | 0 | 0 | 17 | 34 |
| 6/14/89 | 291.0 | | 1358 | 0 | 0 | 11 | 0 | 0 | 0 | 11 | 14 |
| | 291.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 292.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6/14/89 | 292.1 | | 1400 | 0 | 0 | 12 | 0 | 0 | 0 | 12 | 12 |
| | 293.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 |
| 6/14/89 | 293.5 | | 1400 | 0 | 0 | 43 | 0 | 0 | 0 | 43 | 43 |
| 6/14/89 | 294.0 | | 1401 | 0 | 0 | 11 | 0 | 0 | 0 | 11 | 26 |
| | 294.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| | 295.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 40 |
| 6/14/89 | 296.0 | | 1401 | 0 | 0 | 43 | 0 | 0 | 0 | 43 | 115 |
| | 296.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 6/14/89 | 297.0 | | 1402 | 0 | 0 | 9 | 0 | 0 | 0 | 9 | 9 |
| | 297.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 35 |
| 6/14/89 | 298.0 | | 1404 | 0 | 0 | 9 | 0 | 0 | 0 | 9 | 26 |
| 6/14/89 | 298.1 | | 1405 | 0 | 0 | 37 | 0 | 0 | 0 | 37 | 48 |
| | 298.2 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 6/14/89 | 299.0 | | 1406 | 0 | 0 | 21 | 0 | 0 | 0 | 21 | 36 |
| | 299.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 |
| 6/14/89 | 300.0 | | 1407 | 0 | 0 | 15 | 0 | 0 | 0 | 15 | 15 |
| | 300.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 301.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| | 301.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 |
| 6/14/89 | 302.0 | | 1408 | 0 | 0 | 31 | 0 | 0 | 0 | 31 | 125 |
| 6/14/89 | 303.0 | | 1408 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 17 |
| 6/14/89 | 304.0 | | 1409 | 0 | 0 | 47 | 0 | 0 | 0 | 47 | 47 |

| DATE | SITE | P R O B | TIME | FA | FP | FT | GA | GP | GT | ET | MAX |
|---------|-------|------------------|------|----|----|----|----|----|----|-----|-----|
| 6/14/89 | 305.0 | | 1410 | 0 | 0 | 14 | 0 | 0 | 0 | 14 | 53 |
| | 306.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6/14/89 | 307.0 | C | 1411 | 0 | 0 | 37 | 0 | 0 | 0 | 105 | 164 |
| | 308.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 74 |
| | 309.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 45 |
| | 310.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| | 310.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6/14/89 | 311.0 | | 1412 | 0 | 0 | 20 | 0 | 0 | 0 | 20 | 20 |
| 6/14/89 | 312.0 | | 1413 | 0 | 0 | 17 | 0 | 0 | 0 | 17 | 21 |
| | 312.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 |
| 6/14/89 | 313.0 | | 1414 | 0 | 0 | 14 | 0 | 0 | 0 | 14 | 79 |
| | 313.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| 6/14/89 | 314.0 | | 1415 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 4 |
| 6/14/89 | 315.0 | | 1416 | 0 | 0 | 48 | 0 | 0 | 0 | 48 | 70 |
| | 315.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| | 315.2 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| 6/14/89 | 315.6 | | 1416 | 0 | 0 | 21 | 0 | 0 | 0 | 21 | 21 |
| 6/16/89 | 316.0 | | 1421 | 0 | 0 | 27 | 0 | 0 | 0 | 27 | 35 |
| | 316.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| | 317.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| | 317.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 6/16/89 | 318.0 | | 1422 | 0 | 0 | 32 | 0 | 0 | 0 | 32 | 32 |
| | 318.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 |
| | 319.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| | 319.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 6/16/89 | 320.0 | | 1424 | 0 | 0 | 64 | 0 | 0 | 0 | 64 | 69 |
| 6/16/89 | 321.0 | | 1426 | 0 | 0 | 26 | 0 | 0 | 0 | 26 | 32 |
| | 322.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 323.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 |
| | 324.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 53 |
| | 324.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| | 324.5 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| 6/16/89 | 325.0 | | 1428 | 0 | 0 | 34 | 0 | 0 | 0 | 34 | 34 |
| 6/16/89 | 325.1 | | 1208 | 0 | 0 | 74 | 0 | 0 | 0 | 74 | 74 |
| 6/16/89 | 325.2 | | 1205 | 0 | 0 | 10 | 0 | 0 | 0 | 10 | 15 |
| 6/16/89 | 325.7 | | 1202 | 0 | 0 | 14 | 0 | 0 | 0 | 14 | 14 |
| 6/16/89 | 326.0 | | 1200 | 0 | 0 | 53 | 0 | 0 | 0 | 53 | 145 |
| | 327.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 48 |
| | 327.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 57 |
| 6/16/89 | 328.0 | | 1155 | 0 | 0 | 14 | 0 | 0 | 0 | 14 | 49 |
| 6/16/89 | 329.0 | | 1155 | 0 | 0 | 83 | 0 | 0 | 0 | 83 | 83 |
| | 329.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| | 329.5 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6/16/89 | 330.0 | C | 1153 | 0 | 0 | 16 | 0 | 0 | 0 | 16 | 42 |

| DATE | SITE | P R O B | TIME | FA | FP | FT | GA | GP | GT | ET | MAX |
|---------|--------|------------------|------|----|----|----|----|----|----|----|-----|
| | 331.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6/16/89 | 331.1 | | 1152 | 0 | 0 | 10 | 0 | 0 | 0 | 10 | 11 |
| 6/16/89 | 332.0 | | 1149 | 0 | 0 | 65 | 0 | 0 | 0 | 65 | 176 |
| | 332.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| 6/16/89 | 332.5 | | 1148 | 0 | 0 | 17 | 0 | 0 | 0 | 17 | 17 |
| | 333.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 60 |
| 6/16/89 | 334.0 | | 1147 | 0 | 0 | 39 | 0 | 0 | 0 | 39 | 73 |
| | 335.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 36 |
| | 335.4 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| | 335.2 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6/16/89 | 335.8 | | 1145 | 0 | 0 | 21 | 0 | 0 | 0 | 25 | 25 |
| 6/16/89 | 336.0 | C | 1143 | 0 | 0 | 23 | 0 | 0 | 0 | 23 | 23 |
| | 336.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| | 336.2 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| | 336.05 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6/16/89 | 337.0 | | 1142 | 0 | 0 | 16 | 0 | 0 | 0 | 16 | 37 |
| | 337.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 6/16/89 | 338.0 | | 1139 | 0 | 0 | 52 | 0 | 0 | 0 | 52 | 74 |
| | 338.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 338.2 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| 6/14/89 | 339.0 | | 1541 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 38 |
| | 339.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 |
| 6/14/89 | 340.0 | | 1542 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 18 |
| | 340.05 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 340.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 |
| 6/14/89 | 341.0 | | 1547 | 0 | 0 | 89 | 0 | 0 | 0 | 89 | 98 |
| | 342.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32 |
| 6/14/89 | 342.1 | | 1544 | 0 | 0 | 31 | 0 | 0 | 0 | 31 | 31 |
| 6/14/89 | 343.0 | | 1544 | 0 | 0 | 18 | 0 | 0 | 0 | 18 | 34 |
| | 343.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 |
| 6/14/89 | 344.0 | | 1546 | 0 | 0 | 3 | 0 | 0 | 0 | 3 | 22 |
| | 344.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| | 345.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 31 |
| | 345.05 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| | 345.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 |
| | 345.2 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 |
| | 345.3 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 |
| | 346.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 41 |
| | 347.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 21 |
| 6/14/89 | 348.0 | | 1551 | 0 | 0 | 53 | 0 | 0 | 0 | 53 | 53 |
| 6/14/89 | 349.0 | | 1552 | 0 | 0 | 37 | 0 | 0 | 0 | 37 | 51 |
| | 349.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| | 350.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 |
| 6/14/89 | 351.0 | | 1554 | 0 | 0 | 6 | 0 | 0 | 0 | 6 | 18 |

| DATE | SITE | P R O B | TIME | FA | FP | FT | GA | GP | GT | ET | MAX |
|---------|-------|------------------|------|----|----|-----|----|----|-----|-----|-----|
| 6/15/89 | 352.0 | | 1548 | 0 | 0 | 86 | 0 | 0 | 120 | 120 | 183 |
| 6/14/89 | 352.1 | | 1556 | 0 | 0 | 31 | 0 | 0 | 0 | 31 | 39 |
| 6/14/89 | 352.2 | | 1600 | 0 | 0 | 12 | 0 | 0 | 0 | 12 | 26 |
| 6/14/89 | 353.0 | | 1601 | 0 | 0 | 42 | 0 | 0 | 0 | 42 | 55 |
| 6/14/89 | 354.0 | | 1602 | 0 | 0 | 34 | 0 | 0 | 0 | 34 | 46 |
| 6/14/89 | 355.0 | | 1605 | 0 | 0 | 20 | 0 | 0 | 0 | 20 | 20 |
| | 355.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 6/14/89 | 355.5 | | 1608 | 0 | 0 | 32 | 0 | 0 | 0 | 32 | 32 |
| | 356.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 67 |
| 6/14/89 | 356.1 | | 1610 | 0 | 0 | 27 | 0 | 0 | 0 | 27 | 100 |
| 6/14/89 | 357.0 | | 1611 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 14 |
| | 358.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 |
| | 359.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| | 359.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 360.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 58 |
| | 361.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 186 |
| | 362.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 239 |
| 6/14/89 | 363.0 | | 1617 | 0 | 0 | 387 | 0 | 0 | 0 | 387 | 839 |
| | 364.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| 6/14/89 | 365.0 | | 1619 | 0 | 0 | 50 | 0 | 0 | 0 | 50 | 154 |
| | 366.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 240 |
| | 366.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 142 |
| | 367.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 6/14/89 | 367.1 | | 1625 | 0 | 0 | 26 | 0 | 0 | 0 | 26 | 26 |
| | 367.2 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 |
| | 368.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 43 |
| | 368.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 33 |
| | 369.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 |
| | 369.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 370.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| | 371.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 |
| | 372.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| | 372.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| | 373.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 206 |
| | 373.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 34 |
| | 374.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 43 |
| | 375.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| | 376.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| | 377.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| | 378.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| | 378.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| | 379.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| | 380.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| | 380.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |

| DATE | SITE | P R O B | TIME | FA | FP | FT | GA | GP | GT | ET | MAX |
|---------|--------|------------------|------|----|----|----|----|----|-----|-----|------|
| | 380.2 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| | 381.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 73 |
| | 381.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 441 |
| | 381.2 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 81 |
| | 381.3 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| 6/12/89 | 382.0 | C | 1153 | 0 | 0 | 0 | 0 | 0 | 533 | 533 | 1060 |
| 6/16/89 | 383.0 | C | | 0 | 0 | 0 | 0 | 0 | 0 | 305 | 830 |
| 6/16/89 | 384.0 | C | | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 518 |
| 6/15/89 | 385.0 | | 1022 | 0 | 0 | 93 | 0 | 0 | 0 | 93 | 170 |
| | 386.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| | 386.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 387.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 |
| 6/14/89 | 388.0 | | 1531 | 0 | 0 | 0 | 0 | 0 | 20 | 20 | 39 |
| 6/13/89 | 389.0 | | 1342 | 0 | 0 | 0 | 0 | 0 | 17 | 17 | 31 |
| 6/15/89 | 390.0 | | 1452 | 0 | 0 | 18 | 0 | 0 | 0 | 18 | 79 |
| | 390.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14 |
| 6/14/89 | 391.0 | | 1401 | 0 | 0 | 0 | 0 | 0 | 8 | 8 | 43 |
| 6/15/89 | 392.0 | | 1453 | 0 | 0 | 14 | 0 | 0 | 0 | 17 | 19 |
| 6/13/89 | 393.0 | | 1512 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 93 |
| 6/13/89 | 394.0 | | 1342 | 0 | 0 | 0 | 0 | 0 | 29 | 29 | 29 |
| 6/13/89 | 395.0 | | 1512 | 0 | 0 | 26 | 0 | 0 | 42 | 42 | 42 |
| | 395.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 396.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 |
| | 396.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 16 |
| | 397.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| | 398.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 43 |
| | 398.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| 6/15/89 | 399.0 | | 1459 | 0 | 0 | 55 | 0 | 0 | 0 | 55 | 69 |
| 6/15/89 | 399.1 | | 1500 | 0 | 0 | 25 | 0 | 0 | 0 | 25 | 25 |
| | 400.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 67 |
| | 401.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 24 |
| | 402.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15 |
| | 403.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 27 |
| | 404.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 79 |
| 6/15/89 | 405.0 | | 1501 | 0 | 0 | 15 | 0 | 0 | 0 | 15 | 30 |
| | 405.05 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| | 405.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| | 406.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 55 |
| | 407.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| 6/15/89 | 407.1 | | 1509 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 13 |
| | 408.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| | 409.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 341 |
| | 410.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 48 |
| | 411.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 |

| DATE | SITE | P R O B | TIME | FA | FP | FT | GA | GP | GT | ET | MAX |
|---------|-------|------------------|------|----|----|-----|----|----|----|-----|-----|
| | 412.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 56 |
| | 413.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 96 |
| | 413.1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 6/15/89 | 414.0 | | 1524 | 0 | 0 | 440 | 0 | 0 | 0 | 440 | 516 |
| 6/15/89 | 415.0 | | 1525 | 0 | 0 | 8 | 0 | 0 | 0 | 8 | 100 |
| | 416.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 61 |
| | 417.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 6/15/89 | 418.0 | | 1531 | 0 | 0 | 304 | 0 | 0 | 0 | 304 | 542 |
| | 419.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 6/15/89 | 420.0 | | 1544 | 0 | 0 | 37 | 0 | 0 | 0 | 37 | 37 |
| | 421.0 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| 6/16/89 | 422.0 | | | 0 | 0 | 0 | 0 | 0 | 42 | 42 | 84 |

APPENDIX II. Harbor seal counts by site and census (82R=April 1982, 83R= April 1983, 82=May-June 1982, 83=June 1983, 84=June 1984, 85=May-June 1985, 86=June 1986, 87=June 1987, 88=June 1988, 89=June 1989); sites are underlined for those censuses conducted during pupping season. Sites are blank until the census when seals were first observed or for censuses when not surveyed.

| YEAR | 82R | 83R | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 |
|------|------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|
| SITE | | | | | | | | | | |
| 0.1 | | | | | 7 | | | | | |
| 1.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 4 | 0 |
| 3.0 | 19 | 24 | 6 | 13 | 9 | 16 | 13 | 4 | 13 | 25 |
| 4.0 | <u>72</u> | <u>67</u> | 85 | 95 | 94 | 72 | 99 | 94 | 120 | 139 |
| 5.0 | 30 | <u>93</u> | 0 | 0 | 5 | 48 | 68 | 31 | 87 | 3 |
| 6.0 | 26 | 13 | 12 | 0 | 22 | 0 | 3 | 41 | 70 | 66 |
| 7.0 | <u>31</u> | 23 | 53 | 0 | 0 | 52 | 35 | 15 | 14 | 0 |
| 8.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 0 |
| 9.0 | 0 | 0 | 0 | 0 | 0 | 19 | 4 | 38 | 18 | 21 |
| 10.0 | <u>68</u> | 0 | 0 | 205 | 29 | 0 | 62 | 8 | 0 | 0 |
| 10.1 | | | | | | | 1 | 0 | 0 | 0 |
| 10.8 | | | | | | | | 3 | 0 | 1 |
| 11.0 | <u>242</u> | <u>223</u> | 412 | 554 | 375 | 388 | 385 | 303 | 203 | 377 |
| 11.1 | | | | | | | | 56 | 213 | 16 |
| 12.0 | 3 | 4 | 38 | 0 | 18 | 30 | 18 | 12 | 0 | 29 |
| 13.0 | <u>19</u> | 0 | 9 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 13.1 | | 2 | | 0 | 0 | 0 | 0 | 12 | 5 | 0 |
| 14.0 | 0 | 0 | 0 | 13 | 0 | 0 | 1 | 0 | 0 | 9 |
| 14.1 | | | | 31 | 0 | 13 | 0 | 6 | 0 | 263 |
| 14.2 | | | | | | | | 122 | 0 | 0 |
| 14.4 | | | | | | | 290 | 277 | 173 | 0 |
| 14.8 | | | | | | | 70 | 68 | 98 | 0 |
| 15.0 | 0 | <u>143</u> | 24 | 247 | 0 | 59 | 140 | 113 | 150 | 0 |
| 15.1 | | | | | | 228 | 0 | 72 | 75 | 94 |
| 15.2 | | | | | | 119 | 0 | 0 | 0 | 0 |
| 16.0 | 0 | 0 | 0 | 49 | 71 | 78 | 107 | 56 | 113 | 239 |
| 17.0 | 0 | 23 | 41 | 0 | 0 | 0 | 0 | 0 | 37 | 0 |
| 17.1 | | | | | | | | | 0 | 0 |
| 18.0 | <u>17</u> | 0 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 19.0 | <u>70</u> | <u>21</u> | 0 | 94 | 100 | 70 | 92 | 53 | 50 | 65 |
| 19.1 | | | | | | | | 4 | 7 | 0 |
| 19.2 | | | | | | | | 13 | 0 | 0 |
| 20.0 | 2 | 0 | 18 | 0 | 0 | 33 | 43 | 0 | 32 | 34 |
| 21.0 | 0 | 0 | 0 | 4 | 0 | 6 | 3 | 0 | 0 | 19 |
| 21.1 | | | | 10 | 0 | 0 | 0 | 0 | 0 | 0 |
| 21.2 | | | | | 26 | 0 | 0 | 0 | 0 | 0 |
| 21.3 | | | | | 2 | 0 | 0 | 0 | 0 | 0 |
| 21.5 | | | | | | | | 8 | 0 | 0 |

| YEAR SITE | 82R | 83R | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 |
|--------------|-----------|-----------|-----|----|-----|----|-----|-----|-----|-----|
| 22.0 | <u>60</u> | 18 | 46 | 51 | 62 | 67 | 67 | 26 | 48 | 52 |
| 23.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| 23.1 | | | | 2 | 0 | 34 | 0 | 0 | 2 | 3 |
| 24.0 | <u>19</u> | 0 | 0 | 58 | 0 | 5 | 0 | 3 | 0 | 0 |
| 25.0 | <u>81</u> | <u>39</u> | 138 | 0 | 30 | 44 | 110 | 28 | 36 | 36 |
| 26.0 | 51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 26.1 | 0 | 22 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27.0 | 22 | 0 | 29 | 0 | 0 | 19 | 0 | 0 | 13 | 0 |
| 28.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 | 0 | 0 |
| 29.0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 30.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31.0 | 40 | 0 | 67 | 0 | 0 | 0 | 0 | 13 | 0 | 0 |
| 31.1 | | | | | | 12 | 6 | 0 | 45 | 38 |
| 32.0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 32.1 | | | | | | | | | 52 | 93 |
| 33.0 | <u>13</u> | 14 | 0 | 0 | 0 | 0 | 0 | 7 | 22 | 0 |
| 33.1 | | 16 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 33.2 | | | | | | 28 | 17 | 17 | 6 | 56 |
| 34.0 | 11 | <u>3</u> | 0 | 0 | 20 | 0 | 10 | 0 | 17 | 38 |
| 34.1 | | | | | 38 | 0 | 0 | 0 | 0 | 0 |
| 35.0 | <u>20</u> | 14 | 58 | 20 | 2 | 29 | 26 | 19 | 59 | 41 |
| 35.1 | | 3 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 36.0 | 0 | 0 | 22 | 13 | 15 | 18 | 32 | 0 | 42 | 19 |
| 37.0 | <u>16</u> | 0 | 60 | 0 | 61 | 15 | 34 | 48 | 60 | 27 |
| 38.0 | <u>9</u> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 68 | 48 |
| 39.0 | <u>29</u> | 0 | 132 | 66 | 124 | 55 | 146 | 118 | 182 | 199 |
| 39.05 | | | | | | | | 15 | 0 | 0 |
| 39.1 | | | | | | | 9 | 2 | 0 | 0 |
| 40.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 40.1 | | | | | | 1 | 0 | 0 | 0 | 0 |
| 41.0 | 23 | 5 | 57 | 25 | 21 | 0 | 41 | 45 | 18 | 54 |
| 41.1 | | | | | 49 | 0 | 0 | 0 | 94 | 116 |
| 41.2 | | | | | | | 14 | 3 | 73 | 44 |
| 42.0 | <u>17</u> | 12 | 9 | 36 | 0 | 27 | 5 | 0 | 0 | 4 |
| 42.1 | | | | 12 | 0 | 0 | 16 | 12 | 35 | 0 |
| 43.0 | 0 | 0 | 21 | 0 | 0 | 12 | 0 | 0 | 4 | 0 |
| 43.1 | | 1 | | 0 | 0 | 0 | 2 | 13 | 0 | 0 |
| 44.0 | 24 | 12 | 0 | 0 | 0 | 0 | 1 | 0 | 7 | 0 |
| 45.0 | 1 | <u>22</u> | 0 | 0 | 0 | 0 | 14 | 0 | 0 | 0 |
| 46.0 | <u>41</u> | <u>37</u> | 29 | 41 | 33 | 31 | 29 | 38 | 39 | 35 |
| 46.1 | | 1 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 47.0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 48.0 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 49.0 | <u>15</u> | 0 | 0 | 10 | 0 | 95 | 53 | 27 | 50 | 45 |
| 50.0 | 86 | 0 | 53 | 0 | 0 | 0 | 0 | 6 | 44 | 0 |
| 51.0 | <u>15</u> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 62 | 0 |

| YEAR SITE | 82R | 83R | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 |
|--------------|-----------|-----------|-----|-----|----|-----|----|----|-----|-----|
| 52.0 | <u>23</u> | 0 | 24 | 0 | 0 | 100 | 24 | 0 | 126 | 0 |
| 53.0 | <u>90</u> | <u>80</u> | 197 | 27 | 13 | 82 | 97 | 87 | 6 | 139 |
| 54.0 | 0 | 0 | 42 | 43 | 0 | 63 | 14 | 0 | 0 | 96 |
| 55.0 | 0 | 29 | 35 | 101 | 0 | 0 | 47 | 0 | 0 | 130 |
| 55.1 | | | | | 30 | 12 | 0 | 75 | 0 | 28 |
| 55.2 | | | | | | | 12 | 0 | 0 | 20 |
| 55.3 | | | | | | | | 1 | 0 | 0 |
| 55.5 | | | | | | | | 1 | 13 | 0 |
| 56.0 | <u>30</u> | <u>50</u> | 0 | 0 | 0 | 8 | 0 | 0 | 42 | 0 |
| 56.1 | | 39 | | 12 | 0 | 0 | 0 | 0 | 0 | 0 |
| 56.2 | | 7 | | 0 | 0 | 2 | 0 | 33 | 0 | 11 |
| 57.0 | 46 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 57.1 | | | | | | 10 | 30 | 0 | 0 | 0 |
| 57.2 | | | | | | 14 | 0 | 0 | 0 | 0 |
| 58.0 | 0 | 0 | 0 | 18 | 15 | 0 | 15 | 20 | 0 | 0 |
| 58.1 | | | | 51 | 0 | 0 | 34 | 0 | 0 | 47 |
| 58.5 | | | | | | | | | 18 | 0 |
| 58.7 | | | | | | | | 6 | 21 | 0 |
| 58.9 | | | | | | | | 10 | 43 | 0 |
| 59.0 | 3 | 0 | 0 | 0 | 0 | 8 | 0 | 17 | 14 | 23 |
| 60.0 | 10 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 61.0 | 0 | 0 | 4 | 0 | 12 | 12 | 0 | 23 | 18 | 0 |
| 61.8 | | | | | | | | | 7 | 0 |
| 62.0 | 0 | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 63.0 | <u>8</u> | 0 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 64.0 | <u>27</u> | 11 | 0 | 9 | 0 | 0 | 11 | 0 | 0 | 0 |
| 64.5 | | | | | | | | | 2 | 0 |
| 65.0 | <u>32</u> | 8 | 42 | 43 | 0 | 0 | 21 | 0 | 0 | 0 |
| 65.1 | | 1 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 65.2 | | | | | 28 | 2 | 0 | 51 | 0 | 51 |
| 66.0 | <u>17</u> | 14 | 0 | 51 | 15 | 0 | 0 | 4 | 0 | 7 |
| 66.1 | | 10 | | 8 | 0 | 9 | 45 | 39 | 43 | 0 |
| 66.2 | | 1 | | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 67.0 | 8 | 0 | 0 | 0 | 0 | 3 | 6 | 0 | 0 | 65 |
| 68.0 | 0 | 0 | 0 | 0 | 14 | 0 | 0 | 0 | 0 | 0 |
| 68.15 | | | | | | | | | 11 | 0 |
| 68.1 | | | | | | 15 | 0 | 12 | 21 | 0 |
| 68.2 | | | | | | | 13 | 0 | 0 | 42 |
| 68.25 | | | | | | | | | | 43 |
| 68.3 | | | | | | | 1 | 0 | 0 | 1 |
| 69.0 | 9 | 0 | 15 | 0 | 0 | 0 | 4 | 5 | 4 | 14 |
| 69.1 | | | | | 15 | 0 | 9 | 5 | 0 | 0 |
| 70.0 | 18 | 10 | 11 | 0 | 0 | 0 | 28 | 10 | 0 | 0 |
| 70.1 | | | | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| 71.0 | 23 | 0 | 8 | 87 | 28 | 56 | 74 | 27 | 101 | 102 |
| 71.1 | | | | | 2 | 0 | 0 | 0 | 0 | 0 |

| YEAR SITE | 82R | 83R | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 |
|--------------|-----------|-----------|-----|-----|-----|----|-----|-----|----|-----|
| 72.0 | <u>68</u> | 0 | 23 | 0 | 0 | 21 | 20 | 0 | 0 | 0 |
| 73.0 | 8 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73.1 | 0 | 5 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 74.0 | <u>39</u> | <u>33</u> | 50 | 48 | 33 | 45 | 55 | 49 | 61 | 63 |
| 74.1 | | | | | | | 2 | 0 | 0 | 0 |
| 75.0 | 17 | 7 | 0 | 23 | 20 | 3 | 11 | 32 | 0 | 69 |
| 75.1 | | | | | | | 2 | 0 | 0 | 0 |
| 76.0 | 71 | 48 | 0 | 91 | 25 | 58 | 82 | 51 | 75 | 102 |
| 76.1 | | | | | 40 | 0 | 24 | 6 | 0 | 0 |
| 77.0 | 5 | 0 | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 8 |
| 77.1 | | | | 1 | 0 | 0 | 4 | 0 | 0 | 23 |
| 78.0 | <u>54</u> | <u>13</u> | 51 | 0 | 0 | 0 | 25 | 39 | 38 | 0 |
| 79.0 | <u>45</u> | 0 | 58 | 34 | 30 | 0 | 36 | 27 | 43 | 41 |
| 79.1 | | | | | | | 4 | 0 | 0 | 0 |
| 80.0 | 12 | 0 | 33 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 80.1 | | | | | | 16 | 0 | 14 | 0 | 11 |
| 81.0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 |
| 81.1 | | | | | | 8 | 0 | 0 | 0 | 0 |
| 81.2 | | | | | | 20 | 0 | 0 | 0 | 0 |
| 81.3 | | | | | | 10 | 0 | 24 | 13 | 21 |
| 82.0 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 |
| 83.0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 84.0 | 0 | 0 | 0 | 0 | 0 | 11 | 4 | 7 | 14 | 0 |
| 85.0 | 67 | 14 | 122 | 64 | 77 | 37 | 109 | 102 | 74 | 120 |
| 86.0 | 25 | 26 | 18 | 4 | 0 | 0 | 3 | 0 | 15 | 0 |
| 86.8 | | | | | | | | | 0 | 0 |
| 87.0 | 80 | 0 | 138 | 101 | 121 | 28 | 53 | 46 | 79 | 131 |
| 87.1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 88.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 89.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 90.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| 91.0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 13 |
| 91.1 | 0 | | | 21 | 0 | 0 | 0 | 0 | 0 | 0 |
| 92.0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 |
| 93.0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 6 | 0 | 0 |
| 93.1 | | | | | 9 | 0 | 0 | 9 | 0 | 18 |
| 93.3 | | | | | | | | | | 1 |
| 94.0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 94.1 | | | | | | 10 | 9 | 0 | 0 | 0 |
| 94.2 | | | | | | 4 | 0 | 0 | 5 | 0 |
| 94.3 | | | | | | 1 | 0 | 0 | 0 | 0 |
| 94.4 | | | | | | | 6 | 0 | 0 | 0 |
| 94.5 | | | | | | | 1 | 0 | 0 | 0 |
| 95.0 | 1 | 0 | 7 | 0 | 15 | 0 | 0 | 0 | 0 | 0 |
| 96.0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 19 |
| 96.1 | | | | | 14 | 0 | 1 | 0 | 3 | 0 |

| YEAR SITE | 82R | 83R | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 |
|--------------|------------|------------|-----|----|----|-----|-----|----|-----|-----|
| 96.2 | | | | | | 2 | 0 | 0 | 0 | 0 |
| 96.3 | | | | | | 1 | 0 | 0 | 0 | 0 |
| 96.4 | | | | | | 3 | 0 | 0 | 0 | 0 |
| 97.0 | 22 | 0 | 1 | 0 | 10 | 15 | 20 | 20 | 9 | 23 |
| 98.0 | 19 | 0 | 59 | 10 | 0 | 0 | 43 | 31 | 14 | 25 |
| 99.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 99.1 | | | | | | 7 | 1 | 2 | 0 | 0 |
| 99.2 | | | | | | 3 | 0 | 6 | 6 | 0 |
| 99.5 | | | | | | | | 3 | 0 | 0 |
| 100.0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 4 | 0 | 0 |
| 101.0 | 14 | 0 | 9 | 9 | 0 | 0 | 0 | 18 | 25 | 0 |
| 102.0 | 20 | 0 | 44 | 4 | 0 | 0 | 28 | 14 | 15 | 16 |
| 102.1 | | | | | | | 2 | 0 | 0 | 0 |
| 103.0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 103.8 | | | | | | | | | 9 | 0 |
| 104.0 | 0 | 0 | 7 | 0 | 0 | 0 | 5 | 0 | 0 | 11 |
| 104.1 | | | | | | | 3 | 0 | 0 | 0 |
| 104.2 | | | | | | | 1 | 0 | 0 | 0 |
| 104.3 | | | | | | | 1 | 0 | 0 | 0 |
| 104.5 | | | | | | | | | | 11 |
| 105.0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 1 | 2 | 0 |
| 105.1 | | | | | | | 5 | 0 | 0 | 0 |
| 106.0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 106.1 | | | | | | | 1 | 0 | 1 | 0 |
| 107.0 | 29 | 0 | 34 | 18 | 0 | 8 | 6 | 0 | 33 | 0 |
| 107.1 | | | | | | | 5 | 0 | 0 | 0 |
| 108.0 | 0 | 0 | 15 | 0 | 0 | 0 | 10 | 0 | 0 | 0 |
| 109.0 | 4 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 0 | 0 |
| 110.0 | <u>128</u> | <u>150</u> | 125 | 79 | 82 | 159 | 190 | 99 | 208 | 127 |
| 111.0 | 0 | 0 | 13 | 10 | 15 | 6 | 0 | 25 | 21 | 98 |
| 112.0 | 13 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 43 | 0 |
| 113.0 | 0 | 0 | 0 | 0 | 0 | 37 | 0 | 0 | 0 | 0 |
| 114.0 | 0 | 0 | 27 | 0 | 0 | 0 | 0 | 51 | 19 | 28 |
| 114.1 | | 3 | | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 114.2 | | 8 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 114.3 | | | | | | | 3 | 0 | 0 | 0 |
| 114.4 | | | | | | | 9 | 0 | 0 | 0 |
| 114.5 | | | | | | | 6 | 2 | 0 | 0 |
| 115.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 116.0 | 0 | 0 | 0 | 0 | 0 | 4 | 2 | 6 | 1 | 0 |
| 117.0 | 0 | 0 | 29 | 13 | 4 | 11 | 0 | 0 | 10 | 0 |
| 118.0 | 7 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 118.1 | | | | | | | 4 | 3 | 0 | 0 |
| 118.5 | | | | | | | | | 0 | 0 |
| 119.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 |
| 119.1 | | | | | | 12 | 6 | 0 | 0 | 0 |

| YEAR SITE | 82R | 83R | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 |
|--------------|-----------|------------|-----|-----|----|-----|-----|-----|-----|-----|
| 120.0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| 121.0 | 2 | 0 | 3 | 0 | 0 | 0 | 0 | 1 | 0 | 1 |
| 122.0 | 0 | 2 | 18 | 0 | 0 | 0 | 0 | 2 | 0 | 0 |
| 123.0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 124.0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 125.0 | 13 | 0 | 7 | 5 | 0 | 0 | 4 | 5 | 2 | 0 |
| 126.0 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 126.5 | | | | | | | | 2 | 0 | 13 |
| 127.0 | 71 | 17 | 97 | 43 | 87 | 56 | 43 | 59 | 118 | 102 |
| 128.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 129.0 | 4 | 0 | 39 | 0 | 20 | 35 | 33 | 27 | 15 | 48 |
| 130.0 | 266 | <u>106</u> | 190 | 159 | 64 | 110 | 119 | 140 | 153 | 109 |
| 130.1 | | | | | | | 8 | 0 | 0 | 30 |
| 131.0 | 29 | 18 | 0 | 0 | 0 | 0 | 0 | 71 | 33 | 0 |
| 131.1 | | 56 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 131.2 | | 3 | | 0 | 0 | 1 | 0 | 0 | 0 | 14 |
| 131.3 | | | | | 64 | 0 | 0 | 0 | 0 | 0 |
| 132.0 | 32 | 0 | 0 | 15 | 0 | 0 | 0 | 107 | 33 | 0 |
| 132.1 | | | | | | | 8 | 0 | 0 | 0 |
| 133.0 | 61 | 0 | 158 | 0 | 19 | 149 | 159 | 0 | 114 | 127 |
| 134.0 | 6 | 0 | 0 | 0 | 0 | 12 | 6 | 0 | 0 | 0 |
| 134.1 | | | | | | 4 | 0 | 0 | 0 | 0 |
| 134.2 | | | | | | 10 | 0 | 1 | 0 | 0 |
| 134.5 | | | | | | | 10 | 0 | 0 | 0 |
| 135.0 | <u>38</u> | 0 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 136.0 | 5 | 0 | 10 | 0 | 0 | 0 | 0 | 7 | 4 | 0 |
| 137.0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 137.1 | | | | 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 138.0 | 0 | 0 | 26 | 14 | 20 | 24 | 16 | 16 | 0 | 0 |
| 138.1 | | | | | | | 2 | 0 | 0 | 0 |
| 139.0 | 0 | 0 | 14 | 12 | 0 | 0 | 0 | 7 | 0 | 0 |
| 139.1 | | | | | | | 9 | 14 | 0 | 0 |
| 140.0 | 0 | 0 | 10 | 0 | 0 | 0 | 3 | 5 | 9 | 6 |
| 140.1 | | 1 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 141.0 | 22 | 0 | 71 | 24 | 23 | 0 | 10 | 44 | 20 | 78 |
| 141.1 | | 3 | | 0 | 0 | 2 | 0 | 0 | 0 | 24 |
| 142.0 | <u>13</u> | 0 | 22 | 0 | 3 | 0 | 6 | 7 | 0 | 0 |
| 143.0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| 143.5 | | | | | | | | 2 | 0 | 0 |
| 144.0 | <u>28</u> | 0 | 19 | 0 | 11 | 0 | 11 | 17 | 0 | 0 |
| 144.5 | | | | | | | | 1 | 0 | 10 |
| 145.0 | <u>25</u> | 0 | 24 | 7 | 0 | 0 | 0 | 5 | 35 | 0 |
| 146.0 | 0 | 0 | 0 | 17 | 18 | 0 | 37 | 50 | 0 | 72 |
| 147.0 | 0 | 0 | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 148.0 | 10 | 0 | 25 | 0 | 12 | 33 | 22 | 62 | 6 | 70 |
| 149.0 | <u>36</u> | <u>51</u> | 71 | 24 | 1 | 0 | 30 | 39 | 6 | 0 |

| YEAR SITE | 82R | 83R | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 |
|--------------|------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 150.0 | <u>51</u> | <u>56</u> | 96 | 58 | 64 | 52 | 49 | 42 | 331 | 97 |
| 151.0 | 60 | 14 | 53 | 8 | 23 | 41 | 78 | 80 | 22 | 66 |
| 152.0 | <u>29</u> | 20 | 42 | 0 | 39 | 42 | 32 | 85 | 55 | 70 |
| 153.0 | 32 | 13 | 6 | 13 | 5 | 0 | 24 | 74 | 9 | 14 |
| 154.0 | 16 | 0 | 18 | 0 | 19 | 20 | 0 | 44 | 12 | 67 |
| 154.1 | | | | | 2 | 0 | 0 | 0 | 0 | 0 |
| 155.0 | 0 | 7 | 29 | 27 | 1 | 0 | 65 | 55 | 0 | 0 |
| 155.1 | | | | | | 17 | 0 | 63 | 18 | 0 |
| 156.0 | <u>14</u> | <u>31</u> | 47 | 0 | 9 | 2 | 18 | 61 | 0 | 48 |
| 156.1 | 0 | <u>14</u> | 0 | 54 | 0 | 0 | 0 | 0 | 0 | 0 |
| 157.0 | <u>145</u> | <u>138</u> | 145 | 120 | 98 | 102 | 175 | 151 | 132 | 106 |
| 157.1 | | | | | | | 1 | 0 | 0 | 0 |
| 158.0 | 2 | 0 | 0 | 0 | 1 | 18 | 0 | 0 | 0 | 0 |
| 159.0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 |
| 160.0 | 33 | 21 | 35 | 43 | 8 | 0 | 45 | 8 | 34 | 7 |
| 160.05 | | | | | | | 3 | 0 | 0 | 0 |
| 160.1 | | 2 | | 0 | 1 | 0 | 0 | 5 | 0 | 0 |
| 161.0 | 7 | 21 | 49 | 0 | 22 | 13 | 0 | 0 | 3 | 50 |
| 161.1 | | | | | | 9 | 0 | 32 | 0 | 0 |
| 161.2 | | | | | | 6 | 0 | 2 | 0 | 0 |
| 162.0 | 101 | 76 | 149 | 112 | 85 | 101 | 103 | 105 | 59 | 53 |
| 162.1 | | 1 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 162.2 | | | | | | | | | | 9 |
| 163.0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 |
| 164.0 | 0 | 5 | 17 | 34 | 35 | 38 | 22 | 39 | 54 | 92 |
| 164.7 | | | | | | | | | 41 | 0 |
| 165.0 | 33 | 0 | 28 | 34 | 8 | 68 | 20 | 2 | 20 | 89 |
| 166.0 | 86 | 36 | 138 | 0 | 49 | 82 | 113 | 122 | 149 | 176 |
| 167.0 | 0 | 58 | 28 | 45 | 136 | 73 | 169 | 69 | 67 | 55 |
| 167.8 | | | | | | | | | 1 | 0 |
| 168.0 | 0 | 0 | 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 169.0 | 39 | 31 | 39 | 40 | 31 | 32 | 28 | 17 | 22 | 23 |
| 170.0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 170.1 | | | | | | | 1 | 0 | 0 | 0 |
| 171.0 | 0 | 33 | 8 | 3 | 0 | 0 | 0 | 0 | 0 | 0 |
| 172.0 | 0 | 19 | 120 | 83 | 63 | 65 | 0 | 136 | 144 | 145 |
| 173.0 | 23 | 53 | 12 | 0 | 0 | 4 | 0 | 0 | 12 | 21 |
| 174.0 | <u>86</u> | 0 | 23 | 0 | 18 | 0 | 5 | 0 | 0 | 139 |
| 175.0 | <u>81</u> | <u>46</u> | 53 | 26 | 0 | 35 | 26 | 24 | 26 | 0 |
| 175.5 | | | | | | | | | | 1 |
| 176.0 | 25 | 31 | 3 | 1 | 20 | 0 | 0 | 23 | 7 | 0 |
| 177.0 | 60 | 5 | 71 | 16 | 90 | 0 | 87 | 48 | 5 | 124 |
| 178.0 | <u>43</u> | <u>43</u> | 83 | 74 | 10 | 92 | 116 | 12 | 10 | 30 |
| 179.0 | 0 | 0 | 36 | 0 | 0 | 3 | 0 | 59 | 13 | 0 |
| 180.0 | <u>21</u> | 20 | 44 | 22 | 0 | 21 | 5 | 2 | 22 | 29 |
| 181.0 | 7 | 17 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 11 |

| YEAR SITE | 82R | 83R | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 |
|--------------|------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 182.0 | 0 | 0 | 3 | 0 | 0 | 0 | 2 | 0 | 0 | 26 |
| 182.1 | | | | | | 3 | 1 | 0 | 0 | 0 |
| 182.2 | | | | | | | 4 | 3 | 3 | 0 |
| 182.7 | | | | | | | | | 1 | 0 |
| 183.0 | 0 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 184.0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| 185.0 | 0 | 1 | 3 | 0 | 19 | 12 | 10 | 23 | 22 | 43 |
| 186.0 | 12 | 0 | 9 | 0 | 0 | 0 | 2 | 0 | 0 | 0 |
| 186.1 | | | | | | | 1 | 0 | 0 | 0 |
| 187.0 | 4 | 2 | 0 | 0 | 1 | 8 | 0 | 0 | 0 | 0 |
| 187.7 | | | | | | | | | | 1 |
| 188.0 | <u>50</u> | 39 | 70 | 95 | 109 | 57 | 106 | 106 | 111 | 185 |
| 189.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 |
| 190.0 | 43 | 0 | 23 | 53 | 71 | 0 | 42 | 61 | 69 | 105 |
| 191.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 0 | 0 |
| 191.1 | | | | | | | 6 | 5 | 2 | 0 |
| 192.0 | 9 | 29 | 10 | 20 | 0 | 0 | 11 | 7 | 5 | 0 |
| 193.0 | 0 | <u>24</u> | 0 | 0 | 0 | 0 | 0 | 9 | 5 | 0 |
| 193.1 | | | | | | 5 | 0 | 0 | 0 | 0 |
| 194.0 | 20 | 33 | 45 | 29 | 6 | 41 | 54 | 38 | 1 | 42 |
| 194.1 | | | | | | | 1 | 0 | 0 | 0 |
| 195.0 | 0 | 26 | 34 | 40 | 12 | 0 | 2 | 0 | 0 | 144 |
| 195.1 | | 20 | | 0 | 0 | 0 | 0 | 0 | 146 | 0 |
| 196.0 | 0 | 0 | 7 | 0 | 21 | 33 | 29 | 47 | 0 | 0 |
| 196.1 | | | | | | 19 | 15 | 33 | 0 | 0 |
| 197.0 | 57 | 11 | 104 | 84 | 38 | 122 | 121 | 72 | 50 | 109 |
| 197.1 | | 80 | | 0 | 0 | 100 | 0 | 0 | 59 | 0 |
| 198.0 | 23 | 36 | 118 | 0 | 125 | 0 | 90 | 3 | 0 | 24 |
| 198.1 | | | | | | | 25 | 0 | 0 | 15 |
| 199.0 | 0 | 25 | 0 | 45 | 0 | 0 | 0 | 131 | 27 | 15 |
| 199.5 | | | | | | | | | | 24 |
| 200.0 | 23 | 0 | 7 | 58 | 0 | 0 | 0 | 0 | 0 | 0 |
| 200.1 | | | | | | 24 | 0 | 0 | 0 | 0 |
| 201.0 | 30 | 34 | 0 | 5 | 0 | 0 | 19 | 38 | 68 | 2 |
| 201.1 | | | | | | 3 | 0 | 0 | 0 | 0 |
| 202.0 | 0 | 11 | 31 | 35 | 11 | 23 | 58 | 45 | 23 | 49 |
| 202.1 | | | | | 0 | 0 | 0 | 0 | 0 | 0 |
| 203.0 | 0 | 0 | 0 | 0 | 1 | 67 | 0 | 0 | 0 | 59 |
| 204.0 | 0 | 13 | 0 | 1 | 0 | 0 | 11 | 0 | 0 | 12 |
| 205.0 | <u>283</u> | <u>154</u> | 197 | 125 | 311 | 76 | 147 | 328 | 122 | 162 |
| 206.0 | 0 | 0 | 0 | 7 | 0 | 0 | 24 | 5 | 41 | 53 |
| 207.0 | 0 | 8 | 60 | 17 | 40 | 39 | 41 | 74 | 31 | 32 |
| 208.0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 9 |
| 209.0 | 0 | 8 | 0 | 58 | 47 | 53 | 63 | 30 | 65 | 38 |
| 210.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 |
| 210.8 | | | | | | | | 13 | 0 | 0 |

| YEAR SITE | 82R | 83R | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 |
|--------------|------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 211.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 212.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 212.5 | | | | | | | | | | 8 |
| 213.0 | <u>40</u> | <u>71</u> | 85 | 85 | 64 | 99 | 86 | 123 | 105 | 55 |
| 214.0 | 0 | 0 | 8 | 3 | 0 | 0 | 0 | 1 | 0 | 0 |
| 215.0 | 12 | 5 | 10 | 3 | 20 | 13 | 24 | 24 | 13 | 55 |
| 215.1 | | | | | 1 | 0 | 0 | 0 | 0 | 0 |
| 216.0 | 0 | 0 | 1 | 0 | 5 | 0 | 4 | 0 | 0 | 0 |
| 216.1 | | | | | | | 1 | 0 | 0 | 0 |
| 217.0 | 36 | 61 | 88 | 103 | 143 | 54 | 69 | 153 | 113 | 182 |
| 217.1 | | | | | 2 | 0 | 0 | 0 | 0 | 0 |
| 218.0 | 115 | 101 | 112 | 118 | 7 | 185 | 183 | 85 | 72 | 193 |
| 218.1 | | 24 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 219.0 | 5 | 19 | 4 | 19 | 8 | 0 | 9 | 11 | 0 | 0 |
| 219.1 | | | | | | 1 | 1 | 0 | 0 | 0 |
| 219.2 | | | | | | 1 | 0 | 0 | 0 | 0 |
| 219.3 | | | | | | 4 | 0 | 0 | 0 | 0 |
| 220.0 | 93 | 32 | 88 | 30 | 47 | 49 | 19 | 70 | 66 | 58 |
| 221.0 | <u>646</u> | <u>634</u> | 615 | 583 | 831 | 505 | 589 | 717 | 762 | 714 |
| 222.0 | 11 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 |
| 223.0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 |
| 224.0 | 0 | 0 | 509 | 86 | 508 | 200 | 300 | 204 | 61 | 484 |
| 225.0 | <u>543</u> | <u>400</u> | 516 | 214 | 172 | 453 | 309 | 649 | 276 | 382 |
| 226.0 | 10 | 0 | 0 | 66 | 0 | 0 | 0 | 0 | 0 | 0 |
| 226.1 | | | | 21 | 0 | 0 | 0 | 0 | 0 | 35 |
| 226.2 | | | | 72 | 0 | 0 | 0 | 0 | 0 | 0 |
| 226.3 | | | | 12 | 0 | 0 | 0 | 0 | 0 | 0 |
| 227.0 | 0 | 0 | 34 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 228.0 | 29 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 |
| 229.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 230.0 | 7 | 0 | 1 | 0 | 0 | 124 | 0 | 2 | 0 | 0 |
| 231.0 | 38 | 73 | 101 | 0 | 0 | 0 | 22 | 101 | 155 | 245 |
| 232.0 | 3 | 64 | 64 | 0 | 66 | 0 | 90 | 0 | 0 | 0 |
| 232.1 | | | | | 11 | 0 | 0 | 28 | 0 | 0 |
| 232.2 | | | | | 3 | 0 | 70 | 0 | 0 | 0 |
| 232.3 | | | | | | | 1 | 17 | 0 | 0 |
| 233.0 | <u>24</u> | 0 | 31 | 0 | 3 | 0 | 0 | 2 | 0 | 0 |
| 234.0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 235.0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 236.0 | 19 | 11 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 237.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 238.0 | 12 | 0 | 4 | 0 | 0 | 20 | 11 | 1 | 2 | 0 |
| 239.0 | 0 | 0 | 1 | 0 | 0 | 24 | 0 | 20 | 46 | 0 |
| 240.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 240.1 | | 3 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 241.0 | 122 | 28 | 86 | 105 | 135 | 0 | 32 | 0 | 0 | 0 |

| YEAR SITE | 82R | 83R | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 |
|--------------|------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 242.0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 242.1 | | 1 | | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 243.0 | <u>53</u> | 0 | 53 | 30 | 0 | 29 | 0 | 111 | 0 | 30 |
| 244.0 | <u>59</u> | <u>41</u> | 86 | 20 | 39 | 71 | 144 | 0 | 179 | 234 |
| 244.1 | | | | | 1 | 1 | 0 | 0 | 0 | 0 |
| 245.0 | <u>165</u> | 37 | 256 | 247 | 142 | 370 | 204 | 178 | 256 | 201 |
| 245.1 | | | | | | | 1 | 0 | 0 | 0 |
| 246.0 | 0 | 0 | 12 | 0 | 8 | 5 | 8 | 9 | 17 | 0 |
| 247.0 | 5 | 3 | 0 | 0 | 0 | 0 | 3 | 0 | 3 | 0 |
| 247.1 | | | | | | | | | 13 | 41 |
| 248.0 | <u>338</u> | <u>289</u> | 196 | 215 | 0 | 283 | 280 | 431 | 289 | 0 |
| 248.1 | | | | | 72 | 0 | 0 | 0 | 0 | 0 |
| 248.5 | | | | | | | 30 | 15 | 0 | 0 |
| 249.0 | <u>27</u> | 31 | 136 | 44 | 47 | 76 | 35 | 14 | 17 | 14 |
| 249.1 | | | | | | 1 | 0 | 0 | 5 | 173 |
| 249.5 | | | | | | | 22 | 0 | 0 | 0 |
| 250.0 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 251.0 | 106 | 36 | 115 | 0 | 99 | 71 | 88 | 82 | 58 | 88 |
| 252.0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 12 | 0 | 0 |
| 253.0 | 0 | 0 | 11 | 0 | 0 | 1 | 4 | 12 | 3 | 0 |
| 254.0 | 9 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 255.0 | 0 | 0 | 8 | 0 | 0 | 18 | 17 | 14 | 0 | 45 |
| 255.1 | | | | | 16 | 0 | 0 | 0 | 0 | 0 |
| 256.0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 3 | 0 | 0 |
| 257.0 | 29 | 16 | 47 | 13 | 38 | 35 | 15 | 28 | 17 | 60 |
| 257.8 | | | | | | | | | 3 | 0 |
| 258.0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| 259.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 259.1 | | | | | | | 1 | 0 | 0 | 0 |
| 260.0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 260.1 | | | | | | | 1 | 0 | 0 | 0 |
| 261.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 261.1 | | 10 | | 0 | 0 | 7 | 1 | 0 | 0 | 0 |
| 261.2 | | 8 | | 6 | 0 | 0 | 18 | 8 | 3 | 0 |
| 262.0 | <u>119</u> | 183 | 127 | 140 | 93 | 188 | 258 | 239 | 226 | 318 |
| 263.0 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 25 | 16 |
| 263.1 | | | | | | 21 | 0 | 1 | 0 | 0 |
| 263.2 | | | | | | 8 | 0 | 3 | 15 | 0 |
| 264.0 | 2 | 0 | 0 | 0 | 26 | 0 | 0 | 12 | 0 | 0 |
| 264.1 | | | | | | | 12 | 24 | 26 | 25 |
| 265.0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 265.1 | | | | | | 5 | 4 | 4 | 0 | 0 |
| 266.0 | 2 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 267.0 | 5 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| 268.0 | 8 | 16 | 0 | 0 | 5 | 14 | 15 | 33 | 37 | 35 |
| 268.1 | | | | 2 | 0 | 4 | 0 | 0 | 0 | 0 |

| YEAR SITE | 82R | 83R | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 |
|--------------|-----------|-----|----|----|----|----|----|----|----|----|
| 269.0 | 12 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 270.0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 270.1 | | 3 | | 0 | 0 | 0 | 1 | 0 | 0 | 4 |
| 270.2 | | 1 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 271.0 | 28 | 0 | 8 | 0 | 10 | 21 | 14 | 18 | 11 | 14 |
| 272.0 | 1 | 0 | 12 | 6 | 14 | 0 | 0 | 0 | 0 | 9 |
| 272.1 | | | | | 1 | 0 | 0 | 0 | 0 | 0 |
| 273.0 | <u>70</u> | 34 | 49 | 24 | 6 | 4 | 10 | 23 | 0 | 44 |
| 273.1 | | | | | | | 1 | 0 | 0 | 0 |
| 274.0 | 22 | 22 | 18 | 0 | 3 | 0 | 4 | 33 | 25 | 36 |
| 274.1 | | 1 | | 0 | 3 | 17 | 0 | 0 | 0 | 0 |
| 275.0 | 0 | 0 | 20 | 17 | 10 | 0 | 12 | 12 | 3 | 37 |
| 276.0 | 3 | 0 | 0 | 0 | 0 | 21 | 0 | 0 | 6 | 39 |
| 276.1 | | | | | | | 29 | 24 | 16 | 0 |
| 277.0 | 27 | 0 | 51 | 0 | 15 | 36 | 37 | 20 | 0 | 0 |
| 277.1 | | 3 | | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 278.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 279.0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 280.0 | 9 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 281.0 | 0 | 0 | 21 | 0 | 15 | 57 | 32 | 20 | 24 | 28 |
| 282.0 | 11 | 31 | 0 | 50 | 48 | 0 | 0 | 11 | 21 | 16 |
| 282.1 | | | | | | 3 | 2 | 3 | 7 | 4 |
| 283.0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 283.1 | | | | | 1 | 0 | 1 | 0 | 1 | 0 |
| 283.2 | | | | | | 10 | 12 | 12 | 26 | 21 |
| 284.0 | 24 | 14 | 29 | 0 | 0 | 14 | 5 | 9 | 12 | 0 |
| 284.1 | | | | 5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 284.2 | | | | | 3 | 0 | 0 | 0 | 0 | 0 |
| 284.3 | | | | | 1 | 0 | 0 | 0 | 0 | 0 |
| 285.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 285.1 | | | | | 16 | 0 | 0 | 0 | 0 | 0 |
| 285.2 | | | | | 10 | 2 | 0 | 0 | 0 | 0 |
| 285.4 | | | | | | | 4 | 0 | 0 | 0 |
| 286.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 286.1 | | | | | | | | | | 9 |
| 286.5 | | | | | | | 3 | 0 | 0 | 16 |
| 287.0 | 4 | 24 | 64 | 39 | 67 | 46 | 49 | 51 | 54 | 62 |
| 287.1 | | 3 | | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| 287.2 | | | | | | | 1 | 0 | 0 | 0 |
| 287.3 | | | | | | | | 2 | 0 | 2 |
| 288.0 | 0 | 0 | 2 | 0 | 0 | 0 | 10 | 2 | 0 | 0 |
| 289.0 | 10 | 2 | 9 | 0 | 0 | 0 | 0 | 0 | 4 | 15 |
| 290.0 | 31 | 34 | 0 | 27 | 0 | 26 | 0 | 34 | 22 | 17 |
| 291.0 | 0 | 0 | 1 | 0 | 9 | 3 | 7 | 0 | 14 | 11 |
| 291.1 | | | | | 1 | 0 | 0 | 0 | 0 | 0 |
| 292.0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |

| YEAR SITE | 82R | 83R | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 |
|--------------|------------|-----------|-----|----|----|-----|----|-----|----|-----|
| 292.1 | | | | | | | | 2 | 0 | 12 |
| 293.0 | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 293.5 | | | | | | | | 7 | 9 | 43 |
| 294.0 | 0 | 21 | 4 | 0 | 8 | 26 | 14 | 15 | 0 | 11 |
| 294.1 | | | | | 5 | 0 | 0 | 0 | 0 | 0 |
| 295.0 | 0 | 0 | 40 | 0 | 0 | 20 | 0 | 0 | 0 | 0 |
| 296.0 | 35 | 30 | 52 | 34 | 79 | 44 | 69 | 115 | 77 | 43 |
| 296.1 | | | | | | | 2 | 0 | 0 | 0 |
| 297.0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 2 | 9 |
| 297.1 | | 3 | | 2 | 35 | 0 | 0 | 1 | 0 | 0 |
| 298.0 | 26 | 1 | 0 | 0 | 0 | 0 | 21 | 26 | 4 | 9 |
| 298.1 | | 23 | | 14 | 0 | 13 | 48 | 48 | 33 | 37 |
| 298.2 | | | | | | 4 | 0 | 0 | 0 | 0 |
| 299.0 | 10 | 9 | 25 | 0 | 36 | 21 | 0 | 22 | 0 | 21 |
| 299.1 | | | | | 29 | 2 | 0 | 0 | 1 | 0 |
| 300.0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 15 |
| 300.1 | | | | | | | 1 | 0 | 0 | 0 |
| 301.0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 5 | 0 |
| 301.1 | | | | | | | 23 | 0 | 0 | 0 |
| 302.0 | <u>87</u> | 55 | 125 | 74 | 67 | 70 | 62 | 59 | 56 | 31 |
| 303.0 | 10 | 17 | 4 | 2 | 13 | 0 | 6 | 6 | 4 | 3 |
| 304.0 | <u>26</u> | 18 | 39 | 0 | 0 | 18 | 17 | 30 | 23 | 47 |
| 305.0 | 29 | 6 | 45 | 0 | 0 | 53 | 41 | 8 | 5 | 14 |
| 306.0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 307.0 | <u>131</u> | <u>73</u> | 109 | 46 | 51 | 164 | 71 | 159 | 75 | 105 |
| 308.0 | 0 | 0 | 0 | 0 | 72 | 0 | 74 | 0 | 0 | 0 |
| 309.0 | 18 | 37 | 0 | 44 | 45 | 0 | 43 | 0 | 25 | 0 |
| 310.0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 310.1 | | | | | | 1 | 0 | 0 | 0 | 0 |
| 311.0 | 8 | 10 | 0 | 0 | 6 | 0 | 18 | 1 | 0 | 20 |
| 312.0 | 6 | 5 | 0 | 0 | 7 | 0 | 17 | 10 | 21 | 17 |
| 312.1 | | | | | 27 | 0 | 0 | 0 | 0 | 0 |
| 313.0 | 27 | 17 | 0 | 15 | 0 | 54 | 27 | 79 | 22 | 14 |
| 313.1 | | | | | | | 9 | 0 | 0 | 0 |
| 314.0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 315.0 | 39 | 31 | 0 | 25 | 33 | 48 | 41 | 55 | 70 | 48 |
| 315.1 | | | | | | 4 | 0 | 0 | 0 | 0 |
| 315.2 | | | | | | | | 9 | 0 | 0 |
| 315.6 | | | | | | | | | | 21 |
| 316.0 | 27 | 2 | 0 | 0 | 0 | 35 | 28 | 16 | 0 | 27 |
| 316.1 | | 1 | | 0 | 0 | 0 | 0 | 3 | 0 | 0 |
| 317.0 | <u>13</u> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 0 |
| 317.1 | | | | | | 3 | 0 | 0 | 0 | 0 |
| 318.0 | 6 | 14 | 15 | 15 | 19 | 19 | 16 | 22 | 28 | 32 |
| 318.1 | | | | | | | 25 | 0 | 0 | 0 |
| 319.0 | 5 | 2 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 |

| YEAR SITE | 82R | 83R | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 |
|--------------|-----------|-----------|-----|----|----|----|-----|-----|----|----|
| 319.1 | | | | | | 4 | 0 | 0 | 0 | 0 |
| 320.0 | <u>42</u> | 40 | 57 | 49 | 69 | 0 | 56 | 36 | 0 | 64 |
| 321.0 | 0 | 4 | 4 | 0 | 0 | 14 | 15 | 23 | 32 | 26 |
| 322.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 323.0 | 25 | 0 | 17 | 0 | 0 | 28 | 0 | 23 | 1 | 0 |
| 324.0 | 36 | 53 | 0 | 0 | 14 | 15 | 0 | 7 | 17 | 0 |
| 324.1 | | | | | 2 | 0 | 0 | 0 | 0 | 0 |
| 324.5 | | | | | | | | | 9 | 0 |
| 325.0 | 0 | 0 | 0 | 27 | 2 | 0 | 25 | 4 | 6 | 34 |
| 325.1 | | | | | | | 35 | 35 | 32 | 74 |
| 325.2 | | | | | | | | 15 | 0 | 10 |
| 325.7 | | | | | | | | | | 14 |
| 326.0 | 63 | 48 | 84 | 46 | 86 | 74 | 145 | 74 | 95 | 53 |
| 327.0 | 33 | 48 | 0 | 28 | 0 | 0 | 22 | 1 | 20 | 0 |
| 327.1 | | | | | | 24 | 0 | 57 | 37 | 0 |
| 328.0 | 20 | 0 | 0 | 27 | 49 | 33 | 16 | 23 | 0 | 14 |
| 329.0 | 2 | 0 | 0 | 0 | 1 | 0 | 46 | 57 | 27 | 83 |
| 329.1 | | | | | | | 2 | 0 | 0 | 0 |
| 329.5 | | | | | | | | | 1 | 0 |
| 330.0 | 25 | 16 | 32 | 21 | 0 | 37 | 32 | 42 | 23 | 16 |
| 331.0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 331.1 | | | | | | | | 11 | 9 | 10 |
| 332.0 | 33 | 83 | 176 | 89 | 76 | 54 | 94 | 103 | 76 | 65 |
| 332.1 | | | | | | | | 14 | 0 | 0 |
| 332.5 | | | | | | | 7 | 0 | 0 | 17 |
| 333.0 | 35 | 0 | 33 | 0 | 60 | 43 | 35 | 50 | 27 | 0 |
| 334.0 | 19 | 0 | 45 | 33 | 36 | 19 | 73 | 11 | 0 | 39 |
| 335.0 | 0 | 36 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 335.1 | | | | | | 5 | 0 | 0 | 0 | 0 |
| 335.2 | | | | | | | | 1 | 0 | 0 |
| 335.8 | | | | | | | | | | 25 |
| 336.0 | 12 | 6 | 12 | 12 | 19 | 3 | 6 | 9 | 10 | 23 |
| 336.05 | | | | | | | | 11 | 0 | 0 |
| 336.1 | | 10 | | 0 | 0 | 0 | 0 | 9 | 0 | 0 |
| 336.2 | | | | | | 1 | 0 | 0 | 0 | 0 |
| 337.0 | 33 | 13 | 0 | 25 | 24 | 37 | 19 | 32 | 35 | 16 |
| 337.1 | | 2 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 338.0 | 9 | 43 | 48 | 52 | 48 | 25 | 37 | 26 | 74 | 52 |
| 338.1 | | | | | | 1 | 0 | 0 | 0 | 0 |
| 338.2 | | | | | | | | 13 | 6 | 0 |
| 339.0 | <u>28</u> | <u>11</u> | 38 | 22 | 7 | 0 | 0 | 0 | 0 | 5 |
| 339.1 | | | | | | 17 | 12 | 0 | 0 | 0 |
| 340.0 | 0 | 0 | 0 | 8 | 18 | 0 | 13 | 7 | 14 | 5 |
| 340.05 | | | | | | | 1 | 0 | 0 | 0 |
| 340.1 | | | | | 14 | 1 | 23 | 16 | 0 | 0 |
| 341.0 | 36 | 66 | 49 | 50 | 69 | 73 | 98 | 71 | 41 | 89 |

| YEAR SITE | 82R | 83R | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 |
|--------------|------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 342.0 | 29 | 23 | 32 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 342.1 | | | | 7 | 0 | 25 | 0 | 23 | 24 | 31 |
| 343.0 | 11 | 31 | 27 | 0 | 2 | 24 | 24 | 34 | 9 | 18 |
| 343.1 | | | | | | 20 | 0 | 0 | 0 | 0 |
| 344.0 | 17 | 19 | 18 | 15 | 20 | 22 | 19 | 11 | 13 | 3 |
| 344.1 | | | | | | | | 3 | 0 | 0 |
| 345.0 | 0 | 0 | 31 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 345.05 | | | | | | | 13 | 0 | 0 | 0 |
| 345.1 | | | | | | | 24 | 5 | 0 | 0 |
| 345.2 | | | | | | | | 12 | 25 | 0 |
| 345.3 | | | | | | | | 21 | 0 | 0 |
| 346.0 | 0 | 41 | 0 | 26 | 18 | 0 | 0 | 0 | 0 | 0 |
| 347.0 | 0 | 21 | 0 | 13 | 0 | 0 | 0 | 0 | 17 | 0 |
| 348.0 | 0 | 27 | 0 | 31 | 28 | 33 | 0 | 33 | 43 | 53 |
| 349.0 | <u>44</u> | 28 | 51 | 26 | 24 | 20 | 16 | 24 | 36 | 37 |
| 349.1 | | | | | | 7 | 16 | 0 | 0 | 0 |
| 350.0 | 0 | 20 | 27 | 18 | 9 | 25 | 4 | 5 | 0 | 0 |
| 351.0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 6 |
| 352.0 | <u>85</u> | <u>123</u> | 183 | 105 | 107 | 120 | 138 | 106 | 151 | 120 |
| 352.1 | | 1 | | 0 | 0 | 0 | 29 | 0 | 39 | 31 |
| 352.2 | | | | | | 20 | 24 | 14 | 26 | 12 |
| 353.0 | 23 | 11 | 55 | 22 | 0 | 39 | 17 | 0 | 0 | 42 |
| 354.0 | 0 | 34 | 30 | 44 | 29 | 30 | 46 | 46 | 46 | 34 |
| 355.0 | 0 | 0 | 9 | 4 | 2 | 4 | 0 | 1 | 0 | 20 |
| 355.1 | | | | | | 4 | 0 | 0 | 0 | 0 |
| 355.5 | | | | | | | | | | 32 |
| 356.0 | 46 | 0 | 67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 356.1 | | | | | 100 | 40 | 92 | 25 | 0 | 27 |
| 357.0 | 0 | 0 | 0 | 0 | 0 | 14 | 0 | 6 | 11 | 3 |
| 358.0 | 25 | 0 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 359.0 | 5 | 0 | 0 | 0 | 0 | 14 | 4 | 1 | 0 | 0 |
| 359.1 | | | | | | 1 | 0 | 0 | 0 | 0 |
| 360.0 | <u>58</u> | 0 | 0 | 0 | 0 | 0 | 44 | 0 | 0 | 0 |
| 361.0 | <u>97</u> | <u>186</u> | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 362.0 | <u>21</u> | <u>78</u> | 7 | 0 | 0 | 0 | 0 | 239 | 0 | 0 |
| 363.0 | <u>354</u> | <u>279</u> | 583 | 333 | 784 | 460 | 401 | 510 | 627 | 387 |
| 364.0 | 0 | <u>12</u> | 13 | 0 | 1 | 0 | 0 | 0 | 13 | 0 |
| 365.0 | 0 | 0 | 52 | 0 | 0 | 0 | 0 | 24 | 154 | 50 |
| 366.0 | 0 | <u>240</u> | 16 | 0 | 0 | 40 | 0 | 11 | 4 | 0 |
| 366.1 | | | | 86 | 0 | 1 | 142 | 0 | 0 | 0 |
| 367.0 | 0 | 0 | 10 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 367.1 | | | | | | | 21 | 0 | 7 | 26 |
| 367.2 | | | | | | | | 23 | 8 | 0 |
| 368.0 | 43 | 14 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 368.1 | | | | | | 33 | 0 | 13 | 22 | 0 |
| 369.0 | 11 | 8 | 0 | 0 | 1 | 13 | 0 | 0 | 0 | 0 |

| YEAR SITE | 82R | 83R | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 |
|--------------|------------|------------|-----|-----|-----|-----|-----|-----|------|-----|
| 369.1 | | | | | | 1 | 0 | 0 | 0 | 0 |
| 370.0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 |
| 371.0 | 25 | 19 | 14 | 0 | 0 | 0 | 9 | 11 | 9 | 0 |
| 372.0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 372.1 | | | | | | | | 9 | 16 | 0 |
| 373.0 | <u>101</u> | <u>104</u> | 172 | 117 | 138 | 159 | 133 | 206 | 146 | 0 |
| 373.1 | | 34 | | 0 | 0 | 26 | 0 | 0 | 26 | 0 |
| 374.0 | <u>29</u> | 0 | 76 | 0 | 0 | 32 | 23 | 0 | 43 | 0 |
| 375.0 | <u>10</u> | 0 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 |
| 376.0 | 1 | 0 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 |
| 377.0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 378.0 | 5 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 378.1 | | 2 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 379.0 | 1 | 2 | 0 | 0 | 3 | 0 | 0 | 4 | 0 | 0 |
| 380.0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 380.1 | | | | | | 4 | 0 | 0 | 0 | 0 |
| 380.2 | | | | | | | 2 | 0 | 0 | 0 |
| 381.0 | 32 | 39 | 46 | 46 | 16 | 42 | 0 | 55 | 73 | 0 |
| 381.1 | | <u>282</u> | | 0 | 410 | 441 | 0 | 0 | 0 | 0 |
| 381.2 | | | | | 81 | 0 | 0 | 0 | 0 | 0 |
| 381.3 | | | | | | 15 | 0 | 0 | 0 | 0 |
| 382.0 | <u>325</u> | <u>192</u> | 483 | 423 | 0 | 0 | 354 | 452 | 1060 | 533 |
| 383.0 | <u>329</u> | <u>492</u> | 170 | 457 | 464 | 426 | 281 | 830 | 316 | 305 |
| 384.0 | <u>518</u> | 1 | 269 | 7 | 12 | 5 | 15 | 14 | 22 | 20 |
| 385.0 | <u>146</u> | <u>117</u> | 131 | 96 | 55 | 148 | 76 | 144 | 88 | 93 |
| 386.0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| 386.1 | | | | | | 1 | 0 | 0 | 0 | 0 |
| 387.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 388.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 |
| 389.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 17 |
| 390.0 | 0 | 0 | 21 | 48 | 57 | 24 | 55 | 14 | 35 | 18 |
| 390.1 | | | | | | 14 | 0 | 0 | 0 | 0 |
| 391.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 |
| 392.0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 13 | 0 | 17 |
| 393.0 | 20 | 0 | 0 | 21 | 0 | 40 | 22 | 0 | 18 | 1 |
| 394.0 | 0 | 22 | 0 | 0 | 0 | 7 | 3 | 0 | 0 | 29 |
| 395.0 | 18 | 10 | 0 | 32 | 21 | 23 | 20 | 36 | 37 | 42 |
| 395.1 | | | | | | | 1 | 0 | 0 | 0 |
| 396.0 | 0 | 0 | 0 | 0 | 4 | 11 | 8 | 4 | 0 | 0 |
| 396.1 | | | | | | 16 | 0 | 0 | 0 | 0 |
| 397.0 | 0 | 0 | 2 | 12 | 8 | 7 | 9 | 0 | 0 | 0 |
| 398.1 | | | | | | | 0 | 0 | 0 | 0 |
| 398.0 | 0 | 2 | 0 | 0 | 0 | 43 | 6 | 0 | 0 | 0 |
| 399.0 | 10 | 9 | 15 | 46 | 49 | 67 | 24 | 0 | 0 | 55 |
| 399.1 | | | | | | | | | | 25 |
| 400.0 | 0 | 58 | 0 | 0 | 0 | 0 | 53 | 38 | 0 | 0 |

| YEAR SITE | 82R | 83R | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 |
|--------------|------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|
| 401.0 | 0 | 0 | 0 | 0 | 3 | 6 | 1 | 0 | 0 | 0 |
| 402.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 |
| 403.0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 |
| 404.0 | 0 | 0 | 0 | 79 | 28 | 13 | 3 | 14 | 0 | 0 |
| 405.0 | <u>56</u> | 8 | 0 | 7 | 9 | 14 | 13 | 0 | 0 | 15 |
| 405.05 | | | | | | | | | 3 | 0 |
| 405.1 | | | | | | | 1 | 0 | 0 | 0 |
| 406.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 407.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 407.1 | | | | | | | 13 | 9 | 0 | 5 |
| 408.0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 409.0 | 0 | 0 | 0 | 0 | 0 | 20 | 61 | 209 | 42 | 0 |
| 410.0 | 0 | 0 | 48 | 0 | 10 | 28 | 30 | 0 | 0 | 0 |
| 411.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 412.0 | 0 | 0 | 35 | 0 | 0 | 0 | 6 | 0 | 0 | 0 |
| 413.0 | 66 | 24 | 52 | 33 | 5 | 96 | 72 | 0 | 48 | 0 |
| 413.1 | | 1 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 414.0 | <u>263</u> | <u>215</u> | 0 | 363 | 328 | 379 | 516 | 386 | 186 | 440 |
| 415.0 | 63 | 0 | 0 | 0 | 0 | 0 | 2 | 5 | 33 | 8 |
| 416.0 | 0 | 0 | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 |
| 417.0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 418.0 | <u>208</u> | <u>109</u> | 129 | 542 | 139 | 328 | 266 | 278 | 176 | 304 |
| 419.0 | 0 | | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 420.0 | 0 | | 0 | 0 | 9 | 10 | 23 | 0 | 20 | 37 |
| 421.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 422.0 | 51 | 69 | 54 | 56 | 41 | 32 | 42 | 25 | 40 | 42 |

APPENDIX III. Harbor seal hauling sites with site descriptions as available. (SITE= site number; LOCATION= name of site; COUNTY= county of site; LAT/LONG= exact location of site; SUBST= primary type of substrate [1= extended reef, 2= offshore rock, 3= onshore rock, 4= harbor or estuary, 5= ocean sandy beach, 6= river log, 7= floats, 8= night haul out, 9= ocean rocky beach]; MAX= maximum number counted at site; ?= some question as to location; blanks indicate data not available).

| SITE | LOCATION | COU NTY | LAT | LONG | S U B S T | MAX |
|-------|--------------------------------|------------|---------|----------|-----------------------|-----|
| 000.1 | ?km N. Pt. Loma | SD | 32 . | 117 . | 2 | 7 |
| 001.0 | 1.2km S. Pt. La Jolla | SD | 3250.56 | 11716.90 | 1 | 0 |
| 002.0 | .6km S.Pt.LaJolla-Childrens Cv | SD | 3250.87 | 11716.68 | 1 | 10 |
| 003.0 | 0.5km S. Pt. La Jolla | SD | 3250.90 | 11716.62 | 2 | 25 |
| 004.0 | Mugu Lagoon | V | 3406.11 | 11904.17 | 4 | 139 |
| 005.0 | .1km E.Std. Oil P. Carpinteria | SB | 3423.11 | 11930.33 | 5 | 116 |
| 006.0 | .3km W.Std. Oil P. Carpinteria | SB | 3423.13 | 11930.47 | 2 | 70 |
| 007.0 | Carpinteria St. Beach | SB | 3423.36 | 11931.09 | 1 | 53 |
| 008.0 | Sand Pt. | SB | 3423.60 | 11932.30 | 2 | 11 |
| 009.0 | Moore Mesa 2km E. Goleta River | SB | 3425.34 | 11947.82 | 2 | 70 |
| 010.0 | 1.2km W. Ellwood Oil Pier | SB | 3426.38 | 11956.24 | 5 | 205 |
| 010.1 | N. Ellwood | SB | 3427.38 | 12028.03 | 2 | 1 |
| 010.8 | Gov't Pt. | SB | 3427. | 12028. | 1 | 3 |
| 011.0 | 0.8km E. Pt. Conception | SB | 3426.53 | 12027.50 | 5 | 554 |
| 011.1 | Lighthouse | SB | 3426.08 | 12027.76 | 5 | 213 |
| 012.0 | N. Pt. Conception | SB | 3427.36 | 12028.01 | 2 | 38 |
| 013.0 | N. Pt. Conception | SB | 3429. | 12028. | 1 | 19 |
| 013.1 | 1km S. Sudden | SB | 3431.70 | 12034.79 | 2 | 15 |
| 014.0 | Sudden | SB | 3432. | 12034. | 3 | 13 |
| 014.1 | Sudden/Rocky Pt. | SB | 3433.34 | 12036.37 | 5 | 263 |
| 014.2 | S of Rocky Point | SB | 3433.42 | 12037.32 | 1 | 122 |
| 014.4 | 1.2km S. Rocky Pt. | SB | 3433.47 | 12037.30 | 5 | 290 |
| 014.8 | 0.75km S. Rocky Pt. | SB | 3433.50 | 12037.49 | 5 | 98 |
| 015.0 | 1.0 Km S. Rocky Pt. | SB | 3433.52 | 12037.59 | 3 | 247 |
| 015.1 | 0.5 km S. of Rocky Pt. | SB | 3433.68 | 12037.59 | 3 | 228 |
| 015.2 | 0.3km S Rocky Pt. | SB | 3433. | 12037. | 1 | 119 |
| 016.0 | 1.0 Km S. Rocky Pt. | SB | 3433.81 | 12037.72 | 3 | 239 |
| 017.0 | S. Pt. Arguello | SB | 3434. | 12038. | 1 | 57 |
| 017.1 | S. Pt Arguello | SB | 34 | 120 | 3 | 18 |
| 018.0 | S. Purisima Pt. | SB | 3444. | 12037. | 3 | 127 |
| 019.0 | S. Purisima Pt. | SB | 3444.63 | 12037.24 | 1 | 100 |
| 019.1 | S. Purisima Pt. | SB | 3444.77 | 12037.64 | 2 | 53 |
| 019.2 | S. of Purisima Pt. | SB | 3445.13 | 12037.67 | 2 | 13 |

| SITE | LOCATION | COU NTY | LAT | LONG | S U B S T | MAX |
|--------|--------------------------------|------------|---------|----------|-----------------------|-----|
| 020.0 | Purisima Pt. | SB | 3445.35 | 12038.20 | 1 | 43 |
| 021.0 | Pt. Sal Area | SB | 3452.05 | 12036.82 | 3 | 19 |
| 021.1 | Pt. Sal Area | SB | 3554. | 12040. | 3 | 10 |
| 021.2 | Pt Sal Area | SB | 3554. | 12040. | 3 | 26 |
| 021.3 | Pt. Sal Area | SB | 3554. | 120 | 1 | 2 |
| 021.5 | Pt. Sal Area | SB | 3554.19 | 12039.85 | 1 | 8 |
| 022.0 | N. Pt. Sal | SB | 3554.31 | 12040.01 | 3 | 67 |
| 023.0 | Mussel Pt. | SB | 3455.76 | 12040.04 | 1 | 13 |
| 023.1 | ?km N. Pismo Beach Pier | SLO | 3508.90 | 12038.90 | 3 | 34 |
| 024.0 | 1.7 km N. Pismo Beach P. | SLO | 3509.10 | 12039.83 | 2 | 58 |
| 025.0 | Shell Beach (O.R. N. Br. Is.) | SLO | 3509.14 | 12039.86 | 2 | 138 |
| 026.0 | 0.1kmN. of site #25-O.R.at lt. | SLO | 3509.15 | 12040. | 1 | 51 |
| 026.1 | E. Mallagh Landing | SLO | 3110. | 12042. | 1 | 22 |
| 027.0 | Pirates Cove (Mallagh Landing) | SLO | 3511.07 | 12042.86 | 2 | 29 |
| 028.0 | Fossil Pt. | SLO | 3510.61 | 12042.45 | 2 | 20 |
| 029.0 | 0.8km S. Pecho Rock | SLO | 3510. | 12049. | 1 | 2 |
| 030.0 | Pecho Rock | SLO | 3510.75 | 12048.95 | 2 | 2 |
| 031.0 | Deer Canyon (Outside S) | SLO | 3511.32 | 12048.37 | 1 | 67 |
| 031.1 | Vic. Deer Canyon | SLO | 3510.74 | 12046.06 | 1 | 45 |
| 032.0 | Deer Canyon (Inside Cove) | SLO | 3511.29 | 12048.74 | 1 | 4 |
| 032.1 | Red Tail Reef | SLO | 3511. | 1204 | 1 | 93 |
| 033.0 | 0.9km N. Deer Canyon | SLO | 3511.15 | 12047.97 | 1 | 22 |
| 033.1 | 0.95km N. Deer Canyon | SLO | 3511.55 | 12049.27 | 3 | 16 |
| 033.2 | ? km N. Deer Canyon | SLO | 3511.41 | 12049.89 | 1 | 56 |
| 034.0 | 1.0km N. Deer Canyon | SLO | 3511.56 | 12049.28 | 3 | 38 |
| 034.1 | .1?km N. Deer Canyon | SLO | 3511. | 12049. | 2 | 38 |
| 035.0 | 1.2km N. Deer Canyon | SLO | 3511.58 | 12049.26 | 2 | 59 |
| 035.1 | 1.3km N. Deer Canyon | SLO | 3511.68 | 12049.50 | 1 | 3 |
| 036.0 | 1.5km N. Deer Canyon | SLO | 3511.73 | 12049.60 | 1 | 42 |
| 037.0 | 2.0km N. Deer Canyon | SLO | 3511.81 | 12049.87 | 1 | 61 |
| 038.0 | 2.1km N. Deer Canyon | SLO | 3511.80 | 12049.99 | 1 | 68 |
| 039.0 | 2.4km N. D.C.--Green Peak Cove | SLO | 3511.90 | 12050.11 | 1 | 199 |
| 039.05 | N of China Shack | SLO | 3512.01 | 12050.37 | 1 | 15 |
| 039.1 | N. China Shack | SLO | 3512.09 | 12050.42 | 1 | 9 |
| 040.0 | 0.4km S. Diablo Cyn Har. | SLO | 3512. | 12052. | 2 | 126 |
| 040.1 | ? Km N. Diablo Nuclear Fac. | SLO | 3512. | 12052. | 2 | 1 |
| 041.0 | 0.6km N. Lion Rock | SLO | 3513.44 | 12052.56 | 2 | 65 |
| 041.1 | ?km N. Lion Rock--Barn Road | SLO | 3513. | 12052.34 | 5 | 116 |
| 041.2 | ?km N. Lion Rock | SLO | 3513.81 | 12052.48 | 1 | 73 |
| 042.0 | 1.8km N. Lion Rock (opp.Res.) | SLO | 3513.94 | 12052.66 | 1 | 36 |
| 042.1 | ?km N. Lion Rock | SLO | 3514.28 | 12053.05 | 3 | 44 |
| 043.0 | 2.3km N. Lion Rock | SLO | 3514.15 | 12053.04 | 2 | 21 |
| 043.1 | 1.0km N. Pt. Buchon | SLO | 3515.00 | 12053.58 | 5 | 13 |

| SITE | LOCATION | COU NTY | LAT | LONG | S U B S T | MAX |
|-------|---------------------------|------------|---------|----------|-----------------------|-----|
| 044.0 | 0.8km S. Islay Creek | SLO | 3516. | 12053. | 2 | 24 |
| 045.0 | 0.5km S. Hazard Cyn. | SLO | 3517.34 | 12053.82 | 1 | 22 |
| 046.0 | Morro Bay (Inside Harbor) | SLO | 3520.39 | 12050.59 | 4 | 41 |
| 046.1 | ? Km N. Whale Rock | SLO | 3520.30 | 12051.10 | 2 | 1 |
| 047.0 | 0.2km W. Cayucos Pier | SLO | 3526.91 | 12054.44 | 2 | 13 |
| 048.0 | 1.0km W. Cayucos Pier | SLO | 3526.84 | 12054.59 | 1 | 22 |
| 049.0 | 1.3km W. Cayucos Pier | SLO | 3526.87 | 12055.25 | 1 | 95 |
| 050.0 | 0.1km W. Black Rock | SLO | 3526.87 | 12055.50 | 1 | 86 |
| 051.0 | 0.9km E. Cayucos Pt. | SLO | 3526.81 | 12055.80 | 1 | 62 |
| 052.0 | 0.2km E. Cayucos Pt. | SLO | 3526.79 | 12056.22 | 1 | 126 |
| 053.0 | Cayucos Pt. | SLO | 3526.76 | 12056.37 | 1 | 197 |
| 054.0 | 0.2km W. Cayucos Pt. | SLO | 3526.77 | 12056.47 | 1 | 96 |
| 055.0 | 0.4km W. Cayucos Pt. | SLO | 3526.76 | 12056.66 | 1 | 130 |
| 055.1 | ? km W. Cayucos Pt. | SLO | 3526.73 | 12056.36 | 1 | 75 |
| 055.2 | W. of Cayucos Point | SLO | 3526.76 | 12056.22 | 1 | 20 |
| 055.3 | S of Cayucos Point | SLO | 3526. | 12056. | 2 | 1 |
| 055.5 | S of Cayucos Point | SLO | 3526.80 | 12056.40 | 2 | 13 |
| 056.0 | 2.1km NW Cayucos Pt. | SLO | 3527.76 | 12057.66 | 1 | 50 |
| 056.1 | ?km NW Cayucos Pt. | SLO | 3527. | 12057. | 1 | 39 |
| 056.2 | ?km NW Cayucos Pt. | SLO | 3526.92 | 12056.76 | | 33 |
| 057.0 | 0.4km SE Villa Creek | SLO | 3527. | 12058. | 1 | 46 |
| 057.1 | ? km W. Villa Cr. | SLO | 3527. | 12100. | 1 | 30 |
| 057.2 | ? Km W. Villa Cr. | SLO | 3527. | 12100. | 3 | 14 |
| 058.0 | Point Estero | SLO | 3527. | 12100. | 1 | 67 |
| 058.1 | Pt. Estero area | SLO | 3527. | 12100. | 1 | 51 |
| 058.5 | S. China Shack | SLO | 3528.40 | 12100.60 | 1 | 18 |
| 058.7 | S of China Shack | SLO | 3528.67 | 12100.89 | 1 | 21 |
| 058.9 | S of China Shack | SLO | 3528.67 | 12100.89 | 1 | 43 |
| 059.0 | 0.4km S. China Shack | SLO | 3529.00 | 12101.03 | 1 | 23 |
| 060.0 | 0.3km S. China Shack | SLO | 3528.87 | 12101.39 | 1 | 11 |
| 061.0 | 0.1km S. China Shack | SLO | 3529.21 | 12101.56 | 2 | 23 |
| 061.8 | China Shack | SLO | 352 . | 12101. | 3 | 7 |
| 062.0 | 0.1km N. China Shack | SLO | 3529.06 | 12101.44 | 1 | 17 |
| 063.0 | 0.4km N. China Shack | SLO | 3529.06 | 12101.58 | 1 | 19 |
| 064.0 | 0.5km N. China Shack | SLO | 3529.08 | 12101.65 | 1 | 27 |
| 064.5 | 0.6 km N. China Shack | SLO | 35 . | 121 . | 2 | 2 |
| 065.0 | 0.7km N. China Shack | SLO | 3529.18 | 12101.71 | 1 | 43 |
| 065.1 | ? km n. China Shack | SLO | 3529. | 12103 | 1 | 1 |
| 065.2 | ? km N. China Shack | SLO | 3529.42 | 12101.66 | 2 | 51 |
| 066.0 | 1.9km S. Radar Station | SLO | 3530.33 | 12103.05 | 1 | 51 |
| 066.1 | ?km S. Radar Station | SLO | 3530.50 | 12103.00 | 3 | 45 |
| 066.2 | ?km S. Radar Station | SLO | 3530. | 12103. | 3 | 1 |
| 067.0 | 0.4km S. Radar Station | SLO | 3530.89 | 12103.82 | 2 | 65 |

| SITE | LOCATION | COU NTY | LAT | LONG | S U B S T | MAX |
|--------|--------------------------------|------------|---------|----------|-----------------------|-----|
| 068.0 | 1.2km N. Radar Station | SLO | 3531. | 12104. | 1 | 15 |
| 068.1 | Vicinity White Rk. | SLO | 3531.83 | 12104.65 | 1 | 15 |
| 068.15 | Vicinity White Rock | SLO | 3531. | 12104. | 1 | 21 |
| 068.2 | Vicinity White Park | SLO | 3531. | 12104. | 1 | 42 |
| 068.25 | 1.5 Miles N White Rock | SLO | 3531. | 12104. | 1 | 43 |
| 068.3 | S. of Vicinity White Pt | SLO | 3531. | 12104. | 2 | 1 |
| 069.0 | Castle Inn,Cambria-Opp.C. Rock | SLO | 3534.67 | 12106.80 | 2 | 15 |
| 069.1 | ? | SLO | 3535.67 | 12106.80 | 2 | 15 |
| 070.0 | 0.9km N. San Simeon Cr. | SLO | 3536.05 | 12107.86 | 1 | 28 |
| 070.1 | ?km N. San Simeon Cr. | SLO | 3536.11 | 12108.58 | 1 | 15 |
| 071.0 | 1.3km N. San Simeon Cr. | SLO | 3536.14 | 12108.07 | 1 | 102 |
| 071.1 | N. San Simeon Cr | SLO | 3536.18 | 12108.11 | 2 | 2 |
| 072.0 | 1.6km N. San Simeon Cr. | SLO | 3536.22 | 12108.43 | 1 | 68 |
| 073.0 | 1.8km N. San Simeon Cr. | SLO | 3536.29 | 12108.58 | 1 | 13 |
| 073.1 | Pico Creek Cove | SLO | 3537.04 | 12109.01 | 2 | 22 |
| 074.0 | .6km E. San Simeon Pier | SLO | 3538.47 | 12110.80 | 2 | 68 |
| 074.1 | W San Simeon Pt | SLO | 3538.39 | 12110.75 | 1 | 2 |
| 075.0 | 1.3km W. San Simeon Pt. | SLO | 3538.40 | 12111.71 | 1 | 69 |
| 075.1 | ?W Adobe Creek | SLO | 3539.11 | 12113.22 | 1 | 2 |
| 076.0 | .4km W. Adobe Creek | SLO | 3539.15 | 12113.22 | 1 | 102 |
| 076.1 | ?km W. Adobe Creek | SLO | 3539.20 | 12113.79 | 2 | 40 |
| 077.0 | 1.6km W. Adobe Creek | SLO | 3539.30 | 12114.29 | 1 | 17 |
| 077.1 | ?km W. Adobe Creek | SLO | 3539.15 | 12114.45 | 1 | 23 |
| 078.0 | 1.8km W. Adobe Creek | SLO | 3539.24 | 12114.19 | 2 | 104 |
| 079.0 | 2.0km W. Adobe Creek | SLO | 3539.65 | 12114.91 | 1 | 64 |
| 079.1 | E. Piedras Blancas Lthouse | SLO | 3539. | 12115. | 2 | 4 |
| 080.0 | 2.7km E Piedra Blancas Lthouse | SLO | 3539.57 | 12115.23 | 1 | 33 |
| 080.1 | ? km E. Piedras Blancas | SLO | 3539.94 | 12116.81 | 1 | 16 |
| 081.0 | 2.3km E Piedra Blancas Lthouse | SLO | 3539.75 | 12115.48 | 2 | 18 |
| 081.1 | ? km E. Piedras Blancas | SLO | 3539. | 12115. | 1 | 8 |
| 081.2 | ? km E. Piedras Blancas | SLO | 3539. | 12115. | 1 | 20 |
| 081.3 | Pt. Piedras Blancas | SLO | 3539.94 | 12116.81 | 1 | 21 |
| 082.0 | Offshore Pt. Piedras Blancas | SLO | 3539.76 | 12116.62 | 2 | 70 |
| 083.0 | Beach at Pt. Piedras Blancas | SLO | 3539.86 | 12116.56 | 1 | 58 |
| 084.0 | Harleck Castle Rock Area | SLO | 3542.56 | 12112.40 | 1 | 14 |
| 085.0 | La Cruz Rock | SLO | 3542.34 | 12118.27 | 2 | 122 |
| 086.0 | 0.3km S. Pt. Sierra Nevada | SLO | 3542.68 | 12118.82 | 2 | 68 |
| 086.8 | 2 km S. Breaker Pt. | SLO | 3543.90 | 12118.60 | 1 | 1 |
| 087.0 | 0.9km S. Breaker Pt. | SLO | 3544.28 | 12118.72 | 2 | 138 |
| 087.1 | N. Breaker Pt. | SLO | 3544.15 | 12119.07 | 1 | 1 |
| 088.0 | N. Ragged Pt. | SLO | 3546. | 12119. | 1 | 5 |
| 089.0 | N. Ragged Pt. | SLO | 3547. | 12120. | 2 | 20 |
| 090.0 | 1.0km S. Salmon Creek | M | 3548. | 12121. | 2 | 15 |

| SITE | LOCATION | COU NTY | LAT | LONG | S U B S T | MAX |
|-------|----------------------------|------------|---------|----------|-----------------------|-----|
| 091.0 | 1.6km S. Salmon Creek | M | 3548.30 | 12121.28 | 1 | 13 |
| 091.1 | Salmon Creek area | M | 3548. | 12121. | 2 | 21 |
| 092.0 | 0.3km S. Salmon Creek | M | 3548.36 | 12121.59 | 2 | 12 |
| 093.0 | 0.5km N. Salmon Creek | M | 3548.58 | 12121.86 | 2 | 6 |
| 093.1 | ?km S. Redwood Gulch | M | 3549.08 | 12122.77 | 2 | 18 |
| 093.3 | 2.5 mi. S. Redwood Gulch | M | 3549.84 | 12123.39 | 2 | 1 |
| 094.0 | Redwood Gulch | M | 3550.02 | 12123.74 | 2 | 2 |
| 094.1 | Vicinity Redwood Gulch | M | 3550. | 12123. | 2 | 10 |
| 094.2 | Vicinity Redwood Gulch | M | 3550.10 | 12123.60 | 2 | 5 |
| 094.3 | ?km SE Alder Creek | M | 3551. | 12124. | 2 | 1 |
| 094.4 | S of Alder Creek | M | 3551. | 12124. | 2 | 6 |
| 094.5 | S of Alder Creek | M | 3551. | 12124 | 2 | 1 |
| 095.0 | 0.3km S. Alder Creek | M | 3551.37 | 12124.86 | 2 | 15 |
| 096.0 | 0.8km N. Alder Creek | M | 3551.49 | 12125.01 | 2 | 19 |
| 096.1 | ?km N. Alder Creek | M | 3551.70 | 12125.70 | 2 | 14 |
| 096.2 | ?km N. Alder Creek | M | 3551. | 12125. | 2 | 2 |
| 096.3 | ?km N. Alder Creek | M | 3551. | 12125. | 2 | 1 |
| 096.4 | ?km N. Alder Creek | M | 3551. | 12125. | 2 | 3 |
| 097.0 | 1.3km N. Alder Creek | M | 3551.75 | 12125.88 | 2 | 23 |
| 098.0 | Bird Rock (Gorda Rock) | M | 3552.38 | 12127.04 | 2 | 59 |
| 099.0 | 0.6km S. Cape San Martin | M | 3553.08 | 12127.59 | 5 | 5 |
| 099.1 | Vicinity Cape San Martin | M | 3552.75 | 12121.06 | 2 | 7 |
| 099.2 | Vicinity Cape San Martin | M | 3552.84 | 12127.25 | 2 | 6 |
| 099.5 | N of White Bridge | M | 3553.89 | 12027.91 | 2 | 3 |
| 100.0 | 1.5km S. Plaskett Rock | M | 3554.59 | 12128.04 | 2 | 9 |
| 101.0 | 0.7km S. Prewitt Creek | M | 3555.69 | 12128.29 | 2 | 25 |
| 102.0 | 0.4km S. Prewitt Creek | M | 3555.69 | 12128.29 | 2 | 44 |
| 102.1 | S.Prewitt Creek | M | 3556. | 12128. | 2 | 2 |
| 103.0 | 0.7km N. Prewitt Creek | M | 3556.47 | 12128.64 | 2 | 1 |
| 103.8 | ?km S. Wild Cattle Creek | M | 3557. | 12129. | 2 | 9 |
| 104.0 | 0.1km S. Wild Cattle Cr. | M | 3557.43 | 12129.02 | 2 | 11 |
| 104.1 | S Wild Cattle Cr | M | 3557. | 12129. | 2 | 3 |
| 104.2 | E of Wild Cattle Cir | M | 3558. | 12130 | 2 | 1 |
| 104.3 | N of Wild Cattle Cr | M | 3559. | 1213 . | 2 | 1 |
| 104.5 | 1.5 mi S. Rockland Landing | M | 3620.30 | 12130.84 | 3 | 11 |
| 105.0 | 1.0km E. Lopez Point | M | 3600.87 | 12132.88 | 2 | 6 |
| 105.1 | E of Lopez Point | M | 3600. | 12132. | 2 | 5 |
| 106.0 | 0.1km E. Lopez Point | M | 3601.15 | 12133.96 | 2 | 1 |
| 106.1 | ?S Lopez Point | M | 3601. | 1213 . | 2 | 1 |
| 107.0 | 0.1km W. Lopez Point | M | 3601.19 | 12134.03 | 1 | 34 |
| 107.1 | W Lopez Point | M | 3601. | 12134. | 2 | 5 |
| 108.0 | 0.7km S. Vicente Creek | M | 3602.30 | 12134.84 | 2 | 15 |
| 109.0 | Vicente Creek | M | 3602.68 | 12135.10 | 2 | 10 |

| SITE | LOCATION | COU NTY | LAT | LONG | S U B S T | MAX |
|-------|------------------------------|------------|---------|----------|-----------------------|-----|
| 110.0 | .6km N. Big Creek | M | 3604.35 | 12136.35 | 5 | 208 |
| 111.0 | 1.0km S. Dolan Rock | M | 3604.66 | 12136.62 | 2 | 98 |
| 112.0 | 0.6km S. Dolan Rock | M | 3604.75 | 12136.87 | 2 | 43 |
| 113.0 | Dolan Rock | M | 3605. | 12137. | 2 | 37 |
| 114.0 | 0.2km N. Rat Creek | M | 3605.61 | 12137.23 | 2 | 71 |
| 114.1 | Rat Creek Area | M | 3605. | 12137. | 2 | 3 |
| 114.2 | ?km N. Rat Creek | M | 3605. | 12137. | 3 | 8 |
| 114.3 | N Rat Creek | M | 3605. | 12137. | 2 | 3 |
| 114.4 | S of Lime Creek | M | 3605. | 12137. | 2 | 9 |
| 114.5 | Lime Creek | M | 3606. | 12138. | 2 | 6 |
| 115.0 | 0.3km S. Lime Creek | M | 3607.10 | 12137.94 | 2 | 46 |
| 116.0 | 0.4km S. Anderson Canyon | M | 3608.72 | 12139.87 | 2 | 6 |
| 117.0 | N. Anderson Canyon | M | 3609. | 12140. | 2 | 29 |
| 118.0 | 0.1km S. McWay Rocks | M | 3609.80 | 12140.62 | 2 | 13 |
| 118.1 | S. McWay Rocks | M | 3609. | 12140. | 2 | 4 |
| 118.5 | S of Seaview Shoals | M | 3529.68 | 12040.87 | 2 | 3 |
| 119.0 | McWay Rocks | M | 3609.80 | 12140.67 | 2 | 9 |
| 119.1 | Vicinity Mcway Rks. | M | 3609. | 12140. | 1 | 12 |
| 120.0 | 0.3km N. McWay Rocks | M | 3609.95 | 12140.77 | 2 | 2 |
| 121.0 | 1.2km S. Partington | M | 3609.91 | 12141.20 | 2 | 3 |
| 122.0 | 0.6km S. Partington Creek | M | 3610.11 | 12141.56 | 2 | 18 |
| 123.0 | 0.8km S. Torre Canyon | M | 3611.24 | 12142.46 | 2 | 4 |
| 124.0 | La Fler Canyon | M | 3611.98 | 12143.70 | 2 | 1 |
| 125.0 | 0.1km N. La Fler Canyon | M | 3611.82 | 12143.64 | 2 | 13 |
| 126.0 | 0.8km N. La Fler Canyon | M | 3612. | 12144. | 3 | 11 |
| 126.5 | Grimes Point | M | 3612.16 | 12144.41 | 2 | 13 |
| 127.0 | 2.7km S. Pfeiffer Point | M | 3613.28 | 12146.55 | 1 | 118 |
| 128.0 | Cooper Point | M | 3614. | 12150. | 2 | 1 |
| 129.0 | 2.4km N. Cooper Point | M | 3615.75 | 12150.72 | 2 | 54 |
| 130.0 | 1.7km N. Big Sur River | M | 3617.15 | 12152.56 | 1 | 266 |
| 130.1 | Pt. Sur Lighthouse | M | 3617.41 | 12153.78 | 1 | 30 |
| 131.0 | 1.6km S. Pt. Sur Lthouse | M | 3617.96 | 12153.24 | 2 | 71 |
| 131.1 | 1.0km S. Pt. Sur Lthouse | M | 3617. | 12153. | 1 | 56 |
| 131.2 | 1.0km S. Pt. Sur Lthouse | M | 3617. | 12153. | 2 | 14 |
| 131.3 | ?km S. Pt. Sur Lighthouse | M | 3617. | 12153. | 2 | 64 |
| 132.0 | 1.2km S. Pt. Big Sur Lthouse | M | 3618.11 | 12153.51 | 1 | 107 |
| 132.1 | S. Big Sur Lighthouse | M | 3618. | 12153. | 1 | 8 |
| 133.0 | 1.1km S. Pt. Big Sur Lthouse | M | 3618.17 | 12153.35 | 2 | 159 |
| 134.0 | ? km S. Hurricane Pt. | M | 3621.10 | 12154.09 | 1 | 12 |
| 134.1 | ? km S Hurricane Pt. | M | 3621. | 12154. | 2 | 4 |
| 134.2 | ? km S Hurricane Pt. | M | 3621. | 12154.47 | 2 | 10 |
| 134.5 | S of Hurricane Point | M | 3621. | 12154. | 3 | 10 |
| 135.0 | Castle Rk. (Bixby Ldg.) | M | 3622.44 | 12154.35 | 5 | 38 |

| SITE | LOCATION | COU NTY | LAT | LONG | S U B S T | MAX |
|--------|--------------------------------|------------|---------|----------|-----------------------|-----|
| 136.0 | 0.5km N. Palo Colorado Canyon | M | 3624.14 | 12154.70 | 2 | 10 |
| 137.0 | 0.8km S. Soberanes Point | M | 3626.59 | 12155.43 | 2 | 5 |
| 137.1 | Soberanes Pt. Area | M | 3626. | 121 | 1 | 2 |
| 138.0 | Soberanes Point | M | 3626.59 | 12155.43 | 2 | 26 |
| 138.1 | | M | 3627. | 12155. | 2 | 2 |
| 139.0 | 0.9km S. Malpaso Creek | M | 3628.37 | 12156.25 | 2 | 14 |
| 139.1 | S. Malpaso Creek | M | 3628.66 | 12156.32 | 3 | 14 |
| 140.0 | Yankee Point Cove | M | 3629.29 | 12156.62 | 2 | 19 |
| 140.1 | Yankee Point | M | 3628.66 | 12156.32 | 1 | 1 |
| 141.0 | Yankee Point | M | 3628.66 | 12156.32 | 3 | 78 |
| 141.1 | Yankee Point | M | 3629. | 12156. | 3 | 24 |
| 142.0 | Bird Island (Pelican Point) | M | 3630.56 | 12156.51 | 2 | 31 |
| 143.0 | 0.3km N. Bird Island | M | 3630.40 | 12156.63 | 2 | 8 |
| 143.5 | Devil's Cauldron | M | 3631.08 | 12156.92 | 2 | 2 |
| 144.0 | Headland Cove | M | 3631.21 | 12156.97 | 3 | 28 |
| 144.5 | Granite Point | M | 3631. | 12156. | 3 | 10 |
| 145.0 | Whalers Cove | M | 3631.20 | 12156.14 | 2 | 35 |
| 146.0 | The Pit, Whalers Cove | M | 3631.42 | 12156.02 | 2 | 72 |
| 147.0 | Moss Cove (Pt. Lobos Reserve) | M | 3631.35 | 12156.04 | 2 | 48 |
| 148.0 | Arrowhead Point (Outside) | M | 3632.48 | 12155.94 | 1 | 70 |
| 149.0 | Arrowhead Point (Inside) | M | 3631.34 | 12156.74 | 1 | 71 |
| 150.0 | Pescadero Rocks | M | 3633.70 | 12156.62 | 1 | 97 |
| 151.0 | .5kmN.Pescadero Pt.-Stwtr.Cove | M | 3633.92 | 12156.97 | 2 | 80 |
| 152.0 | Cypress Pt. Parking Lot South | M | 3634.58 | 12158.36 | 2 | 85 |
| 153.0 | 0.1km S. Cypress Point | M | 3634.75 | 12158.60 | 2 | 93 |
| 154.0 | Cypress Point | M | 3634.82 | 12158.62 | 1 | 74 |
| 154.1 | Cypress Point | M | 3634. | 12158. | 3 | 2 |
| 155.0 | 0.1km N. Cypress Point | M | 3634.83 | 12158.52 | 1 | 65 |
| 155.1 | ?km N Cypress Point | M | 3635.00 | 12157.44 | 2 | 63 |
| 156.0 | 0.4km N. Cypress Point | M | 3634.92 | 12158.60 | 2 | 61 |
| 156.1 | Near Fan Shell Beach | M | 3635. | 12157. | 1 | 54 |
| 157.0 | Seal Rock | M | 3635.30 | 12157.90 | 2 | 175 |
| 157.1 | N of Seal Rock | M | 3635.57 | 12158.20 | 2 | 1 |
| 158.0 | 1.3km N. Seal Rock (Ocean Av.) | M | 3635.97 | 12157.76 | 1 | 18 |
| 159.0 | 0.2km S. Point Joe | M | 3637.55 | 12156.44 | 1 | 9 |
| 160.0 | Asilomar (Arena Av.) | M | 3637.60 | 12156.47 | 1 | 45 |
| 160.05 | S Asilomar Arena Av | M | 3637.60 | 12156.47 | 2 | 3 |
| 160.1 | Asilomar (Arena Ave) | M | 3637.89 | 12155.28 | 1 | 9 |
| 161.0 | .5km W Lovers Pt.(Pacific Av.) | M | 3637.70 | 12155.17 | 2 | 50 |
| 161.1 | ?km SE Lovers Pt. | M | 3637.69 | 12155.18 | 2 | 32 |
| 161.2 | ?km SE Lovers Pt. | M | 3637.50 | 12154.89 | 2 | 6 |
| 162.0 | Hopkins Marine Station | M | 3637.28 | 12154.14 | 1 | 149 |
| 162.1 | Cannery Row Rock | M | 3637. | 12154. | 2 | 1 |

| SITE | LOCATION | COU NTY | LAT | LONG | S U B S T | MAX |
|-------|--------------------------------|------------|---------|----------|-----------------------|-----|
| 162.2 | Aquarium | M | | | 2 | 9 |
| 163.0 | Monterey Harbor (2km S Brwtr.) | M | 3636.42 | 12153.60 | 2 | 7 |
| 164.0 | Elkhorn Slough(1.6km E. Hwy 1) | M | 3648.92 | 12146.11 | 4 | 92 |
| 164.7 | Cement Ship N. Rio Del Mar | M | 3657.80 | 12154.80 | 2 | 41 |
| 165.0 | Soquel Pt. | SC | 3657.20 | 12158.60 | 2 | 89 |
| 166.0 | 2.0km N. Terrance Pt. | SC | 3657.04 | 12205.30 | 3 | 176 |
| 167.0 | Table Rock | SC | 3657.80 | 12208.10 | 1 | 169 |
| 167.8 | N. Yellow Bank Creek | SC | 3639.30 | 12210.50 | 2 | 1 |
| 168.0 | 1.2km N. Yellow Bank Creek | SC | 3659. | 12210. | 2 | 29 |
| 169.0 | Davenport Cement Plant.5km N.P | SC | 3700.52 | 12212.26 | 3 | 40 |
| 170.0 | El Jarro Pt. | SC | 3701.50 | 12213.70 | 1 | 1 |
| 170.1 | N El Jarro Pt. | SC | 3701.24 | 12213.35 | 3 | 1 |
| 171.0 | N. Scott Creek | SC | 3703.30 | 12214.21 | 1 | 33 |
| 172.0 | 2.6km S. Greyhound Rock | SC | 3703.35 | 12215.21 | | 145 |
| 173.0 | 1.7km S. Greyhound Rock | SC | 3703.93 | 12215.27 | 1 | 53 |
| 174.0 | 1.3km S. Greyhound Rock | SC | 3704.04 | 12215.42 | 3 | 139 |
| 175.0 | 1.0km N. Greyhound Rock | SC | 3704.97 | 12216.42 | 2 | 81 |
| 175.5 | ? km. N Greyhound Rock | SC | 37 | 122 | 1 | 1 |
| 176.0 | Ano Nuevo Pt. | SM | 3706.58 | 12219.75 | 1 | 31 |
| 177.0 | Ano Nuevo Isl. | SM | 3706.55 | 12220.58 | 2 | 124 |
| 178.0 | 0.7km N. Ano Nuevo Pt. | SM | 3706.98 | 12220.12 | 1 | 116 |
| 179.0 | 1.1km N. Ano Nuevo Pt. | SM | 3707.11 | 12220.29 | 1 | 59 |
| 180.0 | 1.3km N. Ano Nuevo Pt. | SM | 3707.18 | 12220.58 | 2 | 44 |
| 181.0 | 1.8km S. Franklin Pt. | SM | 3708.30 | 12220.85 | 2 | 17 |
| 182.0 | Franklin Pt. | SM | 3708.93 | 12221.77 | 2 | 26 |
| 182.1 | Vicinity Franklin Pt. | SM | 3708. | 12221. | 1 | 3 |
| 182.2 | N. Vicinity Franklin Pt. | SM | 3709.93 | 12221.77 | 2 | 4 |
| 182.7 | N. Franklin Pt. | SM | 3710.20 | 12222.00 | 1 | 1 |
| 183.0 | 3.4km N. Franklin Pt. | SM | 3710.66 | 12222.45 | 1 | 4 |
| 184.0 | 1.4km S. Pigeon Pt. | SM | 3710.71 | 12223.16 | 2 | 1 |
| 185.0 | 0.4km S. Pigeon Pt. | SM | 3710.93 | 12223.31 | 2 | 43 |
| 186.0 | 1.4km N. Pigeon Pt. | SM | 3711.60 | 12224.01 | 1 | 12 |
| 186.1 | N. Pigeon Pt. | SM | 3711. | 12224. | 2 | 1 |
| 187.0 | 1.7km N. Pigeon Pt. | SM | 3711.67 | 12224.16 | 2 | 8 |
| 187.7 | .75 mile N Bolsa Point | SM | 3711.71 | 12224.30 | 2 | 1 |
| 188.0 | N. Bolsa Pt | SM | 3712.71 | 12224.43 | 1 | 185 |
| 189.0 | 0.5km N. Bean Hollow | SM | 3713.81 | 12224.83 | 2 | 11 |
| 190.0 | 0.8km N. Bean Hollow | SM | 3713.96 | 12224.91 | 1 | 105 |
| 191.0 | 1.0km N. Bean Hollow | SM | 3714.11 | 12225.00 | 2 | 21 |
| 191.1 | Pescadero Pt. | SM | 3714.47 | 12225.14 | 1 | 6 |
| 192.0 | 0.2km N. Pescadero Pt. | SM | 3714.74 | 12225.16 | 2 | 34 |
| 193.0 | 0.3km N. Pescadero Pt. | SM | 3714.87 | 12225.13 | 2 | 24 |
| 193.1 | ?km N Pescadero Pt. | SM | 3714. | 12225. | 1 | 5 |

| SITE | LOCATION | COU NTY | LAT | LONG | S U B S T | MAX |
|-------|--------------------------------|------------|---------|----------|-----------------------|-----|
| 194.0 | Butano Creek Mouth | SM | 3716.02 | 12224.82 | 2 | 54 |
| 194.1 | ?km N. Martins Beach | SM | 3716.02 | 12224. | 2 | 1 |
| 195.0 | Eel Rock | SM | 3724.48 | 12225.66 | 2 | 144 |
| 195.1 | N. Eel Rock | SM | 3724.80 | 12225.90 | 1 | 146 |
| 196.0 | Miramontes Pt. | SM | 3726.48 | 12226.66 | 2 | 47 |
| 196.1 | 6km N. Miramontes Pt. | SM | 3726.95 | 12226. | 2 | 33 |
| 197.0 | Sail Rock, Pillar Pt. | SM | 3729.49 | 12229.98 | 2 | 122 |
| 197.1 | Sail Rock, Pillar Pt. | SM | 3730.16 | 12230.15 | 1 | 100 |
| 198.0 | 1.0km N. Pillar Pt. | SM | 3730.21 | 12230.22 | 2 | 125 |
| 198.1 | N. Pillar Pt. | SM | 3730. | 12230. | 2 | 25 |
| 199.0 | 1.5km N. Pillar Pt. | SM | 3730.27 | 12230.27 | 1 | 131 |
| 199.5 | 0.5 mi S. Seal Cove | SM | 3730. | 12230. | 2 | 24 |
| 200.0 | Moss Beach (Seal Cove) | SM | 3730.54 | 12230.83 | 1 | 58 |
| 200.1 | ?km S. Seal Cove | SM | 3730. | 12230. | 2 | 24 |
| 201.0 | Moss Beach (N. Seal Cove) | SM | 3730.99 | 12230.94 | 2 | 68 |
| 201.1 | ?km S. Pt. San Pedro | SM | 3735. | 12231. | 2 | 3 |
| 202.0 | San Pedro Rock (South Side) | SM | 3735.69 | 12231.22 | 3 | 58 |
| 202.1 | Mussel Rock | SM | 3739.00 | 12230.00 | 2 | 1 |
| 203.0 | Gaudalupe Slough | SCL | 3726.70 | 12202.14 | 4 | 67 |
| 204.0 | Calaveras Pt. | ALA | 3728.02 | 12202.99 | 4 | 14 |
| 205.0 | Mowry Slough | ALA | 3729.32 | 12201.98 | 4 | 328 |
| 206.0 | Plummer Creek | ALA | 3730.48 | 12205.2 | 4 | 53 |
| 207.0 | Greco Island | SM | 3731.05 | 12210.78 | 4 | 74 |
| 208.0 | Corkscrew Slough | SM | 3738.79 | 12212.88 | 4 | 17 |
| 209.0 | Yerba Buena Island | SF | 3748.43 | 12221.71 | 2 | 65 |
| 210.0 | 0.4km W. Blunt Pt., Angel Isl. | MAR | 3806.98 | 12226.69 | 2 | 18 |
| 210.8 | Lighthouse Blunt Pt Rock | SF | 3751.39 | 12025.16 | 2 | 13 |
| 211.0 | Sausalito Small Craft Harbor | MAR | 3752.30 | 12229.69 | 7 | 30 |
| 212.0 | Strawberry Spit | MAR | 3753.27 | 12229.89 | 1 | 97 |
| 212.5 | 3 km. N. California Point | MAR | 3755.94 | 12230.02 | 5 | 8 |
| 213.0 | Castro Rocks | CC | 3756.00 | 12224.99 | 2 | 123 |
| 214.0 | Tubbs Island | SON | 3806.98 | 12226.69 | 4 | 34 |
| 215.0 | Pt. Bonito (.6km N. on inside) | MAR | 3749.29 | 12231.47 | 2 | 55 |
| 215.1 | Pt. Bonita | MAR | 3749.33 | 12231. | 2 | 1 |
| 216.0 | 0.4km N. Tennessee Cove | MAR | 3750.63 | 12233.30 | 2 | 5 |
| 216.1 | Muir Beach | MAR | 375 . | 1223 . | | 1 |
| 217.0 | Bolinas Lagoon | MAR | 3754.82 | 12240.2 | 4 | 182 |
| 217.1 | Bolinas Lagoon | MAR | 3753.24 | 12241.81 | 5 | 65 |
| 218.0 | Duxbury Reef | MAR | 3753.29 | 12241.88 | 1 | 193 |
| 218.1 | West end Duxberry Reef | MAR | 3753. | 12241. | 1 | 24 |
| 219.0 | Bolinas Pt. | MAR | 3754.03 | 12243.51 | 1 | 25 |
| 219.1 | Vicinity Bolinas Pt. | MAR | 3754.74 | 12243.75 | 1 | 1 |
| 219.2 | Vicinity Bolinas Pt. | MAR | 3754. | 12243. | 1 | 1 |

| SITE | LOCATION | COU NTY | LAT | LONG | S U B S T | MAX |
|-------|--------------------------------|------------|---------|----------|-----------------------|-----|
| 219.3 | Vicinity Bolinas Pt. | MAR | 3754 | 12243. | 1 | 4 |
| 220.0 | Rocks at S. Edge Double Pt. | MAR | 3756.58 | 12246.54 | 1 | 93 |
| 221.0 | Double Pt. Beach | MAR | 3756.50 | 12246.61 | 5 | 831 |
| 222.0 | Beach .4km N. Double Pt. | MAR | 3756.90 | 12247.69 | 5 | 11 |
| 223.0 | Millers Pt. | MAR | 3759.08 | 12248.64 | 2 | 3 |
| 224.0 | Limantour Spit | MAR | 3801.89 | 12255.34 | 4 | 509 |
| 225.0 | Drakes Estero | MAR | 3802.00 | 12255.78 | 4 | 649 |
| 226.0 | 1.7km W. Chimney Rock | MAR | 3759.51 | 12258.83 | 2 | 66 |
| 226.1 | ?km W. Chimney Rock | MAR | 3759. | 12258. | 5 | 35 |
| 226.2 | ?km W. Chimney Rock | MAR | 3759. | 12258. | 2 | 72 |
| 226.3 | ?km W. Chimney Rock | MAR | 3759. | 12258. | 2 | 12 |
| 227.0 | 1.8km W. Chimney Rock | MAR | 3759.55 | 12259.03 | 2 | 34 |
| 228.0 | 1.9km W. Chimney Rock | MAR | 3759.52 | 12259.28 | 2 | 29 |
| 229.0 | 2.1km W. Chimney Rock | MAR | 3759.57 | 12259.17 | 2 | 6 |
| 230.0 | 2.5km W. Chimney Rock | MAR | 3759.52 | 12259.62 | 2 | 124 |
| 231.0 | 2.7km W. Chimney Rock | MAR | 3759.51 | 12259.79 | 5 | 245 |
| 232.0 | 3.6km W. Chimney Rock | MAR | 3759.50 | 12300.02 | 5 | 90 |
| 232.1 | ?km W. Chimney Rock | MAR | 3759.50 | 12300.02 | 5 | 28 |
| 232.2 | ?km W. Chimney Rock | MAR | 3759.03 | 12300.03 | 5 | 70 |
| 232.3 | ?Km W. Chimney Rock | MAR | 3759.55 | 12300.03 | 5 | 17 |
| 233.0 | 3.7km W. Chimney Rock | MAR | 3759.57 | 12300.51 | 1 | 31 |
| 234.0 | 4.2km W. Chimney Rock-S.Lion C | MAR | 3759.70 | 12300.58 | 2 | 13 |
| 235.0 | 4.3km W. Chimney Rock-S.Lion C | MAR | 3759.70 | 12300.67 | 2 | 17 |
| 236.0 | 1.4km S. Elephant Rock | MAR | 3810.23 | 12257.22 | 1 | 19 |
| 237.0 | 0.6km S. Elephant Rock | MAR | 3810.69 | 12257.50 | 1 | 1 |
| 238.0 | 0.2km E. Elephant Rock | MAR | 3810.80 | 12257.80 | 2 | 20 |
| 239.0 | N. End Driftwood Beach | MAR | 3812.36 | 12358.61 | 2 | 46 |
| 240.0 | 3.2km S. Bird Island | MAR | 3813.30 | 12258.29 | 2 | 10 |
| 240.1 | ?km S. Bird Island | MAR | 3818. | 12258. | 2 | 3 |
| 241.0 | 2.9km S. Bird Island | MAR | 3812.50 | 12258.42 | 5 | 135 |
| 242.0 | 1.7km S. Bird Island | MAR | 3813.05 | 12258.88 | 2 | 2 |
| 242.1 | Bird Island | MAR | 3813. | 12258. | 2 | 1 |
| 243.0 | 0.7km SE Bird Island | MAR | 3713.43 | 12359.39 | 5 | 111 |
| 244.0 | 0.6km SE Bird Island | MAR | 3813.67 | 12259.20 | 1 | 234 |
| 244.1 | ?km SE Bird Island | MAR | 3813. | 12259. | 2 | 1 |
| 245.0 | Bird Island | MAR | 3813.77 | 12259.57 | 2 | 419 |
| 245.1 | SW Tomales Bluff | MAR | 3814. | 12259. | 3 | 1 |
| 246.0 | 0.6km S. Tomales Bluff | MAR | 3814.15 | 12259.84 | 3 | 17 |
| 247.0 | Tomales Bluff | MAR | 3814.47 | 12259.61 | 2 | 5 |
| 247.1 | E. Side Tomales Pt. | MAR | 3813.40 | 12258.60 | 2 | 41 |
| 248.0 | .5km N. Toms Pt., Tomales Bay | MAR | 3813.00 | 12257.26 | 4 | 431 |
| 248.1 | Tomales Bay | MAR | 38 | 122 | 4 | 72 |
| 248.5 | E. Lower Pierce Ranch | MAR | 3813.21 | 12258.37 | 4 | 30 |

| SITE | LOCATION | COU NTY | LAT | LONG | S U B S T | MAX |
|-------|--------------------------------|------------|---------|----------|-----------------------|-----|
| 249.0 | Hog Island (E. Spit) | MAR | 3811.83 | 12256.38 | 4 | 236 |
| 249.1 | S.E. Hog Island | MAR | 3811.60 | 12256.20 | 2 | 173 |
| 249.5 | ? km N. Dillon Beach | MAR | 3817.49 | 12259.20 | 2 | 22 |
| 250.0 | Pinnacle Rock Area | MAR | 3818. | 12301. | 2 | 3 |
| 251.0 | Bodega Rock | SON | 3817.75 | 12302.82 | 2 | 115 |
| 252.0 | New Bodega Head | SON | 3818.16 | 12303.16 | 1 | 12 |
| 253.0 | Mussel Pt. | SON | 3819.32 | 12304.63 | 1 | 12 |
| 254.0 | Arched Rock S. Carmet | SON | 3822.20 | 12304.40 | 1 | 9 |
| 255.0 | .7km S Duncans Pt.-Pocked Rock | SON | 3823.39 | 12305.35 | 2 | 45 |
| 255.1 | Duncans Pt. | SON | 3823. | 12305. | 2 | 16 |
| 256.0 | 0.3km E. Duncans Pt. (Cove) | SON | 3823.56 | 12305.61 | 2 | 8 |
| 257.0 | Wrights Beach | SON | 3824.11 | 12306.16 | 2 | 60 |
| 257.8 | Furlong Gulch | SON | 3824.80 | 12306.20 | 2 | 3 |
| 258.0 | Furlong Gulch Area | SON | 3825.26 | 12206.87 | 2 | 2 |
| 259.0 | 0.9km N. Shell Beach | SON | 3825.28 | 12306.84 | 2 | 1 |
| 259.1 | N. of Shell Beach | SON | 3825. | 12306. | 2 | 1 |
| 260.0 | 1.2km N. Shell Beach | SON | 3825.39 | 12306.90 | 2 | 2 |
| 260.1 | | SON | 3825. | 12306. | 2 | 1 |
| 261.0 | Penny Island Russian River | SON | 3826.75 | 12306.83 | 6 | 3 |
| 261.1 | Russian River | SON | 3827.50 | 12306. | 6 | 10 |
| 261.2 | Russian River | SON | 3826.30 | 12305.80 | 6 | 18 |
| 262.0 | Russian River Spits | SON | 3827.02 | 12307.64 | 4 | 318 |
| 263.0 | 1.3km N. Russian River | SON | 3827.34 | 12308.51 | 2 | 31 |
| 263.1 | ?km N. Russian River | SON | 3827.22 | 12208.37 | 2 | 21 |
| 263.2 | ?km N. Russian River | SON | 3827.22 | 12308.37 | 2 | 15 |
| 264.0 | 1.6km N. Russian River | SON | 3827.32 | 12208.88 | 2 | 26 |
| 264.1 | 1.6 km N Russian River | SON | 3827.30 | 12308.50 | 2 | 26 |
| 265.0 | 2.0km N. Russian River | SON | 3827.61 | 12308.90 | 2 | 10 |
| 265.1 | ?km N. Russian River | SON | 3828.39 | 12310. | 2 | 5 |
| 266.0 | 1.6km N. Russian Gulch | SON | 3827.60 | 12310.18 | 2 | 8 |
| 267.0 | 1.7km N. Russian Gulch | SON | 3828.59 | 12310.26 | 2 | 5 |
| 268.0 | 1.9km N. Russian Gulch | SON | 3828.63 | 12310.32 | 1 | 37 |
| 268.1 | ?km N. Russian Gulch | SON | 3828. | 12310. | 2 | 4 |
| 269.0 | 0.3km S. Meyer Gulch | SON | 3828.96 | 12310.87 | 2 | 13 |
| 270.0 | 1.8km S. Fort Ross Reef | SON | 3929.75 | 12312.46 | 2 | 9 |
| 270.1 | ?km S. Fort Ross Reef | SON | 3929. | 12312. | 2 | 13 |
| 270.2 | ?km S. Fort Ross Reef | SON | 3929. | 12312. | 2 | 1 |
| 271.0 | 0.3km S. Fort Ross Gulch | SON | 3830.10 | 12313.59 | 2 | 28 |
| 272.0 | Fort Ross Reef | SON | 3830.06 | 12313.92 | 2 | 14 |
| 272.1 | ?km N. Fort Ross Reef | SON | 3830. | 12313. | 2 | 1 |
| 273.0 | 0.2km N. Fort Ross Reef | SON | 3830.23 | 12313.85 | 2 | 70 |
| 273.1 | N. of Fort Ross Reef | SON | 3830. | 12313. | 2 | 1 |
| 274.0 | Fort Ross Cove | SON | 3830.68 | 12314.63 | 2 | 36 |

| SITE | LOCATION | COU NTY | LAT | LONG | S U B S T | MAX |
|-------|-------------------------------|------------|---------|----------|-----------------------|-----|
| 274.1 | N. Side Fort Ross Cove | SON | 3830. | 12314. | 2 | 17 |
| 275.0 | Northwest Cape (0.1km S.) | SON | 3830.70 | 12315.17 | 2 | 37 |
| 276.0 | Northwest Cape | SON | 3830.72 | 12315.27 | 2 | 39 |
| 276.1 | Northwest Cape | SON | 3830.70 | 12315.17 | 2 | 29 |
| 277.0 | 0.3km N. Northwest Cape | SON | 3831.87 | 12315.22 | 3 | 51 |
| 277.1 | ?km N. Northwest Cape | SON | 3831. | 12315. | 2 | 3 |
| 278.0 | 0.9km N. Northwest Cape | SON | 3831.12 | 12315.54 | 1 | 6 |
| 279.0 | 0.2km S. Windermere Pt. | SON | 3831.42 | 12316.01 | 1 | 1 |
| 280.0 | 1.0km N. Windermere Pt. | SON | 3831.55 | 12316.09 | 2 | 9 |
| 281.0 | 0.5km N. Timber Cove Gr. | SON | 3831.84 | 12316.5 | 2 | 57 |
| 282.0 | 0.9km N. Timber Cove Gr. | SON | 3832.15 | 12316.91 | 3 | 50 |
| 282.1 | South End Stillwater Cove | SON | 3832. | 12317. | 2 | 7 |
| 283.0 | Stillwater Cove (inside) | SON | 3832.78 | 12317.96 | 2 | 10 |
| 283.1 | ?km N. Stillwater Cove | SON | 3832.80 | 12317.90 | 2 | 1 |
| 283.2 | Gerstle Cove | SON | 3833.50 | 12319.00 | 2 | 26 |
| 284.0 | Salt Pt. | SON | 3833.90 | 12319.98 | 2 | 29 |
| 284.1 | Salt Pt. Area | SON | 3833. | 12319. | 2 | 5 |
| 284.2 | Salt Pt. Area | SON | 38 | 12 | 2 | 3 |
| 284.3 | Salt Pt. Area | SON | 38 | 12 | 2 | 1 |
| 285.0 | 0.3km N. Salt Pt. | SON | 3834. | 12320. | 2 | 57 |
| 285.1 | Salt Pt. Area | SON | 3834. | 12320. | 2 | 16 |
| 285.2 | Salt Pt. Area | SON | 3834. | 12320. | 1 | 10 |
| 285.4 | Salt Point Area | SON | 3834. | 12320. | 2 | 4 |
| 286.0 | 0.8km N. Salt Pt. | SON | 3834.23 | 12320.26 | 2 | 6 |
| 286.1 | .62 mi N Salt Point | SON | 3833.88 | 12318.88 | 2 | 9 |
| 286.5 | N. of Salt Point | SON | 3834. | 12320. | 3 | 16 |
| 287.0 | 0.3km S. Chinese Gulch | SON | 3835.21 | 12320.54 | 2 | 67 |
| 287.1 | ?km S. Chinese Gulch | SON | 3835.80 | 12321.30 | 3 | 3 |
| 287.2 | | SON | 3834. | 12320. | 2 | 1 |
| 287.3 | Fisk Mill Cove | SON | 3835.76 | 12320.86 | 2 | 2 |
| 288.0 | .7kmN. Cannon Gulch-Fisk Mill | SON | 3835.82 | 12321.47 | 2 | 10 |
| 289.0 | 0.7km S. Horseshoe Pt. | SON | 3836.14 | 12321.94 | 2 | 17 |
| 290.0 | 0.7km N. Horseshoe Pt. | SON | 3836.76 | 12322.02 | 2 | 34 |
| 291.0 | 0.7km N. Horseshoe Cove | SON | 3836.95 | 12322.42 | 1 | 14 |
| 291.1 | Horseshoe Cove Area | SON | 3836.85 | 12322.42 | 2 | 1 |
| 292.0 | 0.5km S. Rocky Pt. | SON | 3837.62 | 12323.15 | 3 | 1 |
| 292.1 | Sandy Point | SON | 3898. | 12323. | 1 | 12 |
| 293.0 | Sandy Pt. | SON | 3838.65 | 12323.98 | 3 | 18 |
| 293.5 | Sandy Point | SON | 3898.60 | 12323.80 | 2 | 43 |
| 294.0 | 0.7km S. Stewarts Pt. | SON | 3838.98 | 12324.15 | 2 | 26 |
| 294.1 | Stewarts Pt. Area | SON | 3838. | 12424. | 2 | 5 |
| 295.0 | 0.2km S. Stewarts Pt. | SON | 3839.19 | 12324.39 | 3 | 40 |
| 296.0 | Stewarts Pt. Island | SON | 3839.28 | 12324.50 | 3 | 115 |

| SITE | LOCATION | COU NTY | LAT | LONG | S U B S T | MAX |
|-------|---------------------------------|------------|---------|----------|-----------------------|-----|
| 296.1 | Stewarts Point Island | SON | 3839. | 12324. | 2 | 2 |
| 297.0 | 0.6km N. Stewarts Pt. | SON | 3839.58 | 12324.54 | 2 | 9 |
| 297.1 | Stewart's Pt. Area | SON | 3839. | 12324. | 1 | 35 |
| 298.0 | 1.0km S. Black Pt. | SON | 3840.34 | 12325.07 | 2 | 26 |
| 298.1 | Black Pt. Area | SON | 3840.56 | 12325.60 | 3 | 48 |
| 298.2 | ?km S.E. Black Pt. | SON | 3840. | 12325. | 1 | 4 |
| 299.0 | 0.4km N. Black Pt. | SON | 3840.87 | 12326.05 | 2 | 36 |
| 299.1 | Black Pt. Area | SON | 3841.60 | 12326.40 | 2 | 29 |
| 300.0 | 2.8km N. Black Pt. | SON | 3842.06 | 12327.08 | 2 | 15 |
| 300.1 | N of Black Point | SON | 3842. | 12327. | 2 | 1 |
| 301.0 | 3.8km N. Black Pt. | SON | 3842.48 | 12327.16 | 2 | 5 |
| 301.1 | Diamond Rock | SON | 3842. | 12327. | 2 | 23 |
| 302.0 | 5.2km N. Black Pt. | SON | 3842.92 | 12327.63 | 2 | 125 |
| 303.0 | 6.0km N. Black Pt. | SON | 3843.27 | 12328.21 | 2 | 17 |
| 304.0 | 6.2km N. Black Pt. | SON | 3843.30 | 12328.27 | 2 | 47 |
| 305.0 | 6.7km N. Black Pt. | SON | 3843.46 | 12328.64 | 2 | 53 |
| 306.0 | 7.1km N. Black Pt. | SON | 3843.58 | 12328.92 | 2 | 1 |
| 307.0 | 7.3km N. Black Pt. | SON | 3843.46 | 12329.22 | 2 | 164 |
| 308.0 | 7.4km N. Black Pt. | SON | 3843.71 | 12329.02 | 2 | 74 |
| 309.0 | 7.7km N. Black Pt. | SON | 3843.74 | 12329.09 | 1 | 45 |
| 310.0 | 1.3km S. Del Mar Pt. | SON | 3844.25 | 12329.90 | 2 | 3 |
| 310.1 | ?km S. Del Mar Landing | SON | 3844. | 12330. | 3 | 1 |
| 311.0 | Del Mar Pt. | SON | 3844.39 | 12330.93 | 1 | 20 |
| 312.0 | 1.3km N. Del Mar Pt. | SON | 3844.39 | 12330.93 | 1 | 21 |
| 312.1 | Del Mar Pt. Area | SON | 38 | 12 | 1 | 27 |
| 313.0 | Gualala Pt. | SON | 3845.12 | 12331.60 | 1 | 79 |
| 313.1 | N of Gualala Point | SON | 3845. | 12331. | 2 | 9 |
| 314.0 | Robinson Reef | MEN | 3846.04 | 12332.74 | 2 | 4 |
| 315.0 | Bourns Rock | MEN | 3846.63 | 12333.49 | 2 | 70 |
| 315.1 | ?km N. Bourns Rk. | MEN | 3836. | 12333. | 1 | 4 |
| 315.2 | Bourns Landing | MEN | 3846.74 | 12333.21 | 2 | 9 |
| 315.6 | Collins Landing | MEN | 3833.76 | 12346.92 | 2 | 21 |
| 316.0 | Fish Rocks | MEN | 3847.86 | 12335.44 | 5 | 35 |
| 316.1 | Onshore Near Fish Rocks | MEN | 3848.34 | 12336.36 | 2 | 3 |
| 317.0 | Havens Neck-.3km N. Inside Cove | MEN | 3848.62 | 12335.87 | 2 | 13 |
| 317.1 | Vicinity Havens Neck | MEN | 3849. | 12336. | 2 | 3 |
| 318.0 | 1.2km N. Havens Neck | MEN | 3849.08 | 12336.43 | 2 | 32 |
| 318.1 | Scholl Rock | MEN | 3849. | 12336. | 2 | 25 |
| 319.0 | 0.6km S. Steen's Landing | MEN | 3849.43 | 12336.74 | 2 | 7 |
| 319.1 | ?km N. Steens Landing | MEN | 3849. | 12336. | 3 | 4 |
| 320.0 | Morrison Gulch | MEN | 3850.38 | 12337.99 | 3 | 69 |
| 321.0 | Iverson's Landing (S. side) | MEN | 3850.60 | 12338.51 | 2 | 32 |
| 322.0 | Iverson's Landing (N. side) | MEN | 3850.72 | 12338.66 | 2 | 0 |

| SITE | LOCATION | COU NTY | LAT | LONG | S U B S T | MAX |
|--------|-------------------------------|------------|---------|----------|-----------------------|-----|
| 323.0 | Saunders Reef Area (inside) | MEN | 3852.30 | 12339.80 | 2 | 28 |
| 324.0 | 0.8km N. Galloway Creek | MEN | 3853.18 | 12341.14 | 1 | 53 |
| 324.1 | 1.2 Km S. Arena Cove | MEN | 3854. | 12342. | 2 | 2 |
| 324.5 | S. Arena Cove | MEN | 3853.20 | 12340.90 | 1 | 9 |
| 325.0 | 0.8km S. Arena Cove | MEN | 3854.24 | 12342.40 | 1 | 34 |
| 325.1 | ?km. S. Pt. Arena | MEN | 3854.24 | 12342.40 | 1 | 74 |
| 325.2 | Sea Lion Rocks | MEN | 3856.61 | 12344.09 | 1 | 15 |
| 325.7 | 0.25 S Point Arena | MEN | 3857.09 | 12344.65 | 1 | 14 |
| 326.0 | Pt. Arena | MEN | 3857.36 | 12343.73 | 2 | 145 |
| 327.0 | 0.4km N. Mallo Pass Cr. | MEN | 3901.98 | 12341.41 | 1 | 48 |
| 327.1 | ?km N. Mallo Pass Cr. | MEN | 3901.98 | 12341.77 | 2 | 57 |
| 328.0 | 0.9km N. Mallo Pass Cr. | MEN | 3902.32 | 12341.97 | 2 | 49 |
| 329.0 | 1.0km N. Mallo Pass Cr. | MEN | 3902.91 | 12342.60 | 5 | 83 |
| 329.1 | Bridgeport Landing | MEN | 3902.93 | 12341.75 | 2 | 2 |
| 329.5 | N. Bridgeport Landing | MEN | 3904.10 | 12342.20 | 2 | 1 |
| 330.0 | 0.6km S. S. Elk Cr. | MEN | 3905.75 | 12342.84 | 2 | 42 |
| 331.0 | Elk Creek | MEN | 3906. | 12342. | 2 | 1 |
| 331.1 | Big Rock | MEN | 3806.42 | 12342.99 | 2 | 11 |
| 332.0 | Cuffey's Pt. | MEN | 3904.44 | 12344.49 | 2 | 176 |
| 332.1 | N. Cuffey's Pt. | MEN | 3909.58 | 12344.43 | 3 | 14 |
| 332.5 | Taylor Rock | MEN | 3909.60 | 12344.35 | 2 | 17 |
| 333.0 | Devil's Basin | MEN | 3910.09 | 12344.87 | 2 | 60 |
| 334.0 | 0.3km S. Saddle Pt. | MEN | 3910.39 | 12345.17 | 2 | 73 |
| 335.0 | 0.2km S. Saddle Pt. | MEN | 3910.53 | 12345.06 | 2 | 36 |
| 335.4 | Vic. Arch of the Navarro | MEN | 3911. | 12346. | 2 | 5 |
| 335.2 | N of Saddle Point | MEN | 3910.84 | 12345.36 | 3 | 1 |
| 335.8 | 0.5 Mi N. Navarro Point | MEN | 4110.09 | 12311.45 | 2 | 25 |
| 336.0 | 0.4km S. Salmon Pt. | MEN | 3911.64 | 12346.23 | 2 | 23 |
| 336.1 | Albion Head | MEN | 3914. | 12346. | 2 | 11 |
| 336.2 | Albion Head | MEN | 3914. | 12346. | 2 | 10 |
| 336.05 | 3km N. Whitesboro Cove | MEN | 3914. | 12346. | 3 | 1 |
| 337.0 | 1.8km N. Albion Head | MEN | 3914.65 | 12347.02 | 2 | 37 |
| 337.1 | ?km N. Albion Head | MEN | 3914. | 12347. | 2 | 2 |
| 338.0 | 0.2km N. Stillwell Pt. | MEN | 3915.12 | 12347.22 | 2 | 74 |
| 338.1 | Buckhorn Cove | MEN | 3915. | 12347. | 2 | 1 |
| 338.2 | Van Damme Beach | MEN | 3915.80 | 12347.80 | 2 | 13 |
| 339.0 | Van Damme S. B. | MEN | 3916.18 | 12347.66 | 2 | 38 |
| 339.1 | Van Damme S.B. | MEN | 3916. | 12347. | 2 | 17 |
| 340.0 | 0.7km N. Van Damme S.B. | MEN | 3916.28 | 12348.01 | 3 | 18 |
| 340.05 | N. Van Damme Beach | MEN | 3916. | 12348. | 2 | 1 |
| 340.1 | N of Van Damme Beach | MEN | 3916. | 12348. | 2 | 23 |
| 341.0 | 1.5km N. Van Damme S.B. | MEN | 3917.27 | 12348.16 | 2 | 98 |
| 342.0 | Near Goat Isl. Mendocino City | MEN | 3918.34 | 12348.70 | 2 | 32 |

| SITE | LOCATION | COU NTY | LAT | LONG | S U B S T | MAX |
|--------|--------------------------------|------------|---------|----------|-----------------------|-----|
| 342.1 | Goat Island Area | MEN | 3918.40 | 12348.90 | 3 | 31 |
| 343.0 | 0.6km N. Goat Island | MEN | 3918.67 | 12348.59 | 2 | 34 |
| 343.1 | ?km N. Goat IS. | MEN | 3918. | 12348. | 2 | 20 |
| 344.0 | 1.2km N. Russian Gulch | MEN | 3918.90 | 12349.12 | 2 | 22 |
| 344.1 | Pt. Cabrillo Light Station | MEN | 3920.20 | 12349. | 2 | 15 |
| 345.0 | Point Cabrillo | MEN | 3921.02 | 12349.69 | 2 | 31 |
| 345.05 | 1.2Km N. Russian Gulch | MEN | 3921.65 | 12349.70 | 2 | 13 |
| 345.1 | Casper Anchorage | MEN | 3921.55 | 12349.76 | 2 | 24 |
| 345.2 | Caspar Anchorage | MEN | 3921.70 | 12349.80 | 3 | 25 |
| 345.3 | Caspar Point | MEN | 3921. | 12349 | 3 | 21 |
| 346.0 | Casper Anchorage Area | MEN | 3921. | 12349. | 2 | 41 |
| 347.0 | S. Mitchell Cr. | MEN | 3923.00 | 12349.40 | 2 | 21 |
| 348.0 | Soldier Pt. Area | MEN | 3926. | 12349. | 2 | 53 |
| 349.0 | .7kmN.Soldier Pt.Ft.Bragg Area | MEN | 3926.73 | 12349.42 | 2 | 51 |
| 349.1 | ?km N. Pudding Cr. | MEN | 3927.16 | 12348.64 | 1 | 16 |
| 350.0 | 1.8km N. Pudding Cr. | MEN | 3927.61 | 12348.56 | 2 | 27 |
| 351.0 | 0.8km S. Laguna Pt. | MEN | 3928.30 | 12348.60 | 2 | 18 |
| 352.0 | Laguna Pt. | MEN | 3929.28 | 12348.55 | 1 | 183 |
| 352.1 | N Laguna Point | MEN | 3929.83 | 12347.94 | 2 | 39 |
| 352.2 | ?km N. Ten Mile River Bluff | MEN | 3933.87 | 12346.35 | 2 | 26 |
| 353.0 | 0.3km N. Kibesillah Rock | MEN | 3934.71 | 12346.93 | 2 | 55 |
| 354.0 | Bruhel Pt. | MEN | 3936.27 | 12347.36 | 5 | 46 |
| 355.0 | Bell Pt. | MEN | 3937.67 | 12347.25 | 2 | 20 |
| 355.1 | ?km N. Bell Pt. | MEN | 3937. | 12347. | 2 | 4 |
| 355.5 | 3.2 km N. Abalone Point | MEN | 3941.21 | 12347.89 | 2 | 32 |
| 356.0 | Cape Vizcaino | MEN | 3943.66 | 12349.81 | 2 | 67 |
| 356.1 | Cape Vizcaino Area | MEN | 3943.50 | 12349.95 | 5 | 100 |
| 357.0 | 0.4km N. Cottoneva Cr. | MEN | 3944.06 | 12350.11 | 2 | 14 |
| 358.0 | Williams Pt. | MEN | 3945. | 12450. | 1 | 25 |
| 359.0 | 0.3km N. Soldier Frank Pt. | MEN | 3945.55 | 12450.54 | 2 | 14 |
| 359.1 | ?km N. Sea Lion Rk. | MEN | 3945. | 12450. | 2 | 1 |
| 360.0 | 0.5km S. Anderson Gulch | MEN | 3950.91 | 12453.45 | 5 | 58 |
| 361.0 | 0.3km S. Anderson Gulch | MEN | 3951.01 | 12453.21 | 5 | 186 |
| 362.0 | 0.3km N. Anderson Gulch | MEN | 3951.16 | 12453.44 | 5 | 239 |
| 363.0 | Northpoint Cove | MEN | 3951.18 | 12453.79 | 5 | 839 |
| 364.0 | 0.6km N. Mistake Pt. | MEN | 3951.85 | 12454.41 | 5 | 13 |
| 365.0 | Jackass Creek Area | MEN | 3953.92 | 12455.74 | 5 | 154 |
| 366.0 | Seal Rock 1.5km S. Bear Harbor | MEN | 3953.97 | 12455.96 | 2 | 240 |
| 366.1 | Seal Rock Area | MEN | 39 | 124 | 5 | 142 |
| 367.0 | Pt. No Pass | MEN | 3958. | 12459. | 2 | 10 |
| 367.1 | Point Delgaela | MEN | 4000.98 | 12404.52 | 2 | 26 |
| 367.2 | Point Delgada | H | 4001.13 | 12404.54 | 2 | 23 |
| 368.0 | 1.4km N. Pt. Delgada | H | 4001.50 | 12404.45 | 2 | 43 |

| SITE | LOCATION | COU NTY | LAT | LONG | S U B S T | MAX |
|-------|-------------------------|------------|---------|----------|-----------------------|------|
| 368.1 | ?km. S.E. Miller Flat | H | 4006.50 | 12402.45 | 2 | 33 |
| 369.0 | 5.0km N. Big Flat Creek | H | 4009.27 | 12413.41 | 2 | 13 |
| 369.1 | Reynolds Rk. | H | 40 | 124 | 2 | 1 |
| 370.0 | Sea Lion Gulch | H | 4014.11 | 12420.46 | 2 | 3 |
| 371.0 | 1.7km S. Punta Gorda | H | 4014.20 | 12420.60 | 2 | 25 |
| 372.0 | 1.3km S. Punta Gorda | H | 4014. | 12421. | 2 | 3 |
| 372.1 | Mattloe Beach | H | 4016.16 | 12422.44 | 1 | 16 |
| 373.0 | Hair Seal Rock | H | 4019.47 | 12421.32 | 2 | 206 |
| 373.1 | ?km N. HAIR SEAL ROCK | H | 4020.00 | 12421.40 | 2 | 34 |
| 374.0 | 1.6km N. Hair Seal Rock | H | 4019.89 | 12421.39 | 2 | 43 |
| 375.0 | 2.2km N. Hair Seal Rock | H | 4020.18 | 12421.74 | 1 | 10 |
| 376.0 | 2.7km N. Hair Seal Rock | H | 4020. | 12421.74 | 1 | 4 |
| 377.0 | 1.7km S. Sugarloaf Rock | H | 4025. | 12424. | 2 | 4 |
| 378.0 | 0.4km S. Sugarloaf Rock | H | 4026.12 | 12424.56 | 2 | 5 |
| 378.1 | ?km S. Sugarloaf Rock | H | 4026. | 12424. | 1 | 2 |
| 379.0 | 0.2km S. Sugarloaf Rock | H | 4026.24 | 12424.66 | 2 | 4 |
| 380.0 | 0.3km S. Sugarloaf Rock | H | 4026.48 | 12424.69 | 2 | 15 |
| 380.1 | Vicinity Cape Mendocino | H | 4026. | 12424. | 2 | 4 |
| 380.2 | N Cape Mendocino | H | 4026.82 | 12424.98 | 2 | 2 |
| 381.0 | False Cape | H | 4030.12 | 12423.59 | 2 | 73 |
| 381.1 | Cockrobin Island | H | 4030. | 12418. | 5 | 441 |
| 381.2 | ?km S. Cockrobin Island | H | 40 | 124 | 5 | 81 |
| 381.3 | ?km. N. False Cape | H | 4030. | 12423. | 2 | 15 |
| 382.0 | Eel River Spit | H | 4038.14 | 12418.99 | 4 | 1060 |
| 383.0 | S. Humboldt Bay | H | 40 | 124 | 4 | 830 |
| 384.0 | Daby Island | H | 4048.68 | 12408.97 | 4 | 518 |
| 385.0 | N. Humboldt Bay | H | 4050.30 | 12406.50 | 4 | 170 |
| 386.0 | Luffenholtz Cove | H | 4102.44 | 12407.20 | 2 | 9 |
| 386.1 | Vicinity Tepona Pt. | H | 4102. | 12407. | 2 | 1 |
| 387.0 | Cap Rock | H | 4102.65 | 12407.51 | 2 | 17 |
| 388.0 | Tower Rock | H | 4103.10 | 12407.80 | 1 | 39 |
| 389.0 | Seal Rock Shoals | H | 4103.04 | 12407.96 | 2 | 31 |
| 390.0 | Jamieson Shoal | H | 4103.25 | 12408.14 | 2 | 79 |
| 390.1 | Vicinity Trinidad Head | H | 4103. | 12408. | 2 | 14 |
| 391.0 | Dome Rock | H | 4103.39 | 12408.43 | 2 | 43 |
| 392.0 | Lighthouse Shoals | H | 4103.40 | 12408.63 | 2 | 19 |
| 393.0 | Marine Lab Shoals | H | 4103.52 | 12409.45 | 2 | 93 |
| 394.0 | Flatiron Shoals | H | 4103.60 | 12409.61 | 2 | 29 |
| 395.0 | Myer's Cove | H | 4104.29 | 12409.46 | 2 | 42 |
| 395.1 | N. Meyer's Cove | H | | | 2 | 1 |
| 396.0 | Bench Cove | H | 4105.36 | 12409.32 | 1 | 23 |
| 396.1 | Vicinity Bench Cove | H | 4105. | 12409. | 1 | 16 |
| 397.0 | Seal Rock | H | 4105.90 | 12409.56 | 2 | 12 |

| SITE | LOCATION | COU NTY | LAT | LONG | S U B S T | MAX |
|--------|------------------------------|------------|---------|----------|-----------------------|-----|
| 398.0 | Seagull Rock | H | 4107.45 | 12409.72 | 2 | 43 |
| 398.1 | Vicinity Seagull Rock | H | | | 2 | 6 |
| 399.0 | Midway Rock | H | 4107.48 | 12409.72 | 2 | 69 |
| 399.1 | Midway Rock at Patrick's Pt. | H | 4107.61 | 12310.20 | 2 | 25 |
| 400.0 | Close Rock | H | 4107.51 | 12409.56 | 1 | 67 |
| 401.0 | Flat Top Rock | H | 4107.52 | 12409.84 | 2 | 24 |
| 402.0 | Little Gibraltar | H | 4107.58 | 12409.72 | 2 | 15 |
| 403.0 | Spearhead | H | 4107.63 | 12409.88 | 1 | 27 |
| 404.0 | Palmers Pt. | H | 4107.75 | 12409.84 | 1 | 79 |
| 405.0 | Cannonball Beach | H | 4107.88 | 12409.80 | 1 | 30 |
| 405.05 | Abalone Point | H | 4107.50 | 12410.30 | 2 | 3 |
| 405.1 | Patrick's Point Vic. | H | | | 2 | 1 |
| 406.0 | Sharp Pt. | H | 4114.18 | 12406.48 | 3 | 55 |
| 407.0 | Redwood Creek Spits | H | 4117.55 | 12405.34 | 4 | 9 |
| 407.1 | Mussel Point | H | 4118.78 | 12405.85 | 2 | 13 |
| 408.0 | Major Creek | H | 4119.74 | 12405.01 | 2 | 10 |
| 409.0 | Klamath R. Spits | DN | 4132.71 | 12404.75 | 4 | 341 |
| 410.0 | N. Klamath Rock | DN | 4133.16 | 12405.41 | 2 | 48 |
| 411.0 | Saddle Rocks | DN | 4133.68 | 12405.76 | 2 | 20 |
| 412.0 | Klamath Cove | DN | 4133.98 | 12405.86 | 2 | 56 |
| 413.0 | Two Rocks | DN | 4134.35 | 12406.09 | 2 | 96 |
| 413.1 | Midway Point | DN | 4140. | 1240 | 2 | 1 |
| 414.0 | Scat Beach | DN | 4140.23 | 12408.22 | 5 | 516 |
| 415.0 | Millers Point | DN | 4140.35 | 12408.45 | 1 | 100 |
| 416.0 | Mates Point | DN | 4140.97 | 12408.41 | 3 | 61 |
| 417.0 | Battery Point | DN | 4144.81 | 12412.34 | 1 | 3 |
| 418.0 | Castle Rock | DN | 4145.68 | 12414.55 | 2 | 542 |
| 419.0 | Pt. St. George | DN | 4146.00 | 12415.53 | 2 | 3 |
| 420.0 | Mouth of Smith River | DN | 4156.37 | 12411.82 | 4 | 37 |
| 421.0 | NW Seal Rock | DN | 41 | 124 | 2 | 9 |
| 422.0 | Farallon Islands | FIs | 3742. | 123 | 2 | 84 |