

**APPENDIX A**  
**PACE 1989 SHOTPOINT TIMES AND LOCATIONS**

**NE-SW COLORADO PLATEAU PROFILE:**

<u>Shot</u>	<u>SP</u>	<u>FFID</u>	<u>Shot Time (local)</u>	<u>Shot Time (GMT)</u>	<u>Size (lbs)</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Elev. (m)</u>
1	31	2	10:00: 00.006pm	264: 5:00: 00.006	6000	34.80750	-112.89526	1782
2	69	3	10:02: 00.006pm	264: 5:02: 00.006	1500	35.47128	-112.11308	1945
3	57	4	10:04: 00.006pm	264: 5:04: 00.006	3000	34.33624	-112.19632	1242
4	41	5	10:06: 00.357pm	264: 5:06: 00.357	2000	35.53923	-112.03919	1926
5	58	6	12:00: 00.006pm	264: 7:00: 00.006	3000	34.76962	-111.58221	1890
6	38	8	12:40: 00.006pm	264: 7:04: 00.006	3000	34.91387	-112.78526	1579
7	33	11	02:30: 00.006am	264: 9:30: 00.006	3000	35.39258	-112.23602	1890
8	65	12	02:32: 02.132am	264: 9:32: 02.132	1500	35.58877	-111.97673	1926
9	20	13	02:33: 59.988am	264: 9:33: 59.988	8000	33.48602	-114.59665	76
10	61	15	02:39: 00.006am	264: 9:39: 00.006	1500	34.93577	-112.75211	1536
11	28	16	09:59: 59.975pm	265: 4:59: 59.975	8000	34.46483	-113.34579	927
12	32	18	10:04: 00.006pm	265: 5:40: 00.006	6001	35.08242	-112.62252	1530
13	71	19	10:06: 00.006pm	265: 5:06: 00.006	1500	35.73218	-111.79832	1946
14	50	20	10:08: 00.006pm	265: 5:08: 00.006	1000	35.30530	-112.32095	1921
15	42	21	12:30: 00.006pm	265: 7:30: 00.006	4000	35.79195	-111.71616	1988
16	84	22	12:32: 00.006pm	265: 7:32: 00.006	3000	35.67413	-111.86812	1987
17	46	23	12:34: 00.006pm	265: 7:34: 00.006	6000	36.34528	-110.95360	1704
18	23	28	02:29: 59.972am	265: 9:29: 59.972	6000	33.95883	-113.99655	305
19	39	35	10:00: 00.006pm	266: 5:00: 00.006	1000	35.02592	-112.68044	1393
20	62	37	10:04: 00.006pm	266: 5:04: 00.006	1500	35.10162	-112.56271	1707
21	34	39	10:08: 00.006pm	266: 5:08: 00.006	3000	35.65362	-111.85947	1972
22	49	41	12:00: 00.006pm	266: 7:00: 00.006	1000	35.04912	-112.65518	1405
23	56	43	12:04: 00.006pm	266: 7:04: 00.006	1500	35.13340	-112.51860	1600
24	40	45	12:08: 00.006pm	266: 7:08: 00.006	2000	35.20783	-112.45451	1579

APPENDIX A, Continued  
**PACE 1989 SHOTPOINT TIMES AND LOCATIONS**

**NW-SEGRAND CANYON PROFILE:**

<u>Shot</u>	<u>SP</u>	<u>FFID</u>	<u>Shot Time (local)</u>	<u>Shot Time (GMT)</u>	<u>Size (lbs)</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Elev. (m)</u>
25	77	6	10:01: 00.006pm	270: 5:00: 00.006	1500	35.84287	-111.89008	1819
26	76	7	10:01: 00.006pm	270: 5:01: 00.006	1500	35.60582	-111.66332	1803
27	71	8	10:04: 00.006pm	270: 5:04: 00.006	1500	35.73218	-111.79832	1946
28	83	9	10:07: 00.006pm	270: 5:07: 00.006	6000	36.65550	-112.32557	2402
29	75	11	11:30: 00.006pm	270: 6:30: 00.006	1000	35.79215	-111.88108	1997
30	74	12	11:31: 00.006pm	270: 6:31: 00.006	1000	35.65163	-111.72020	1823
31	72	13	11:34: 00.006pm	270: 6:34: 00.006	1000	35.70277	-111.75770	1901
32	82	14	11:37: 00.006pm	270: 6:37: 00.006	6000	34.90805	-111.05608	1753
33	73	16	01:00: 00.006am	270: 8:00: 00.006	1000	35.75739	-111.83242	2204
34	34	17	01:01: 00.006am	270: 8:01: 00.006	1000	35.65362	-111.85947	1972
35	85	18	01:04: 00.006am	270: 8:04: 00.006	3000	36.35262	-112.12965	2768

**APPENDIX B  
LOCATION OF PACE 1989 RECEIVERS**

**Colorado Plateau NE-SW Main Line**

<b><u>Station</u></b>	<b><u>Latitude</u></b>	<b><u>Longitude</u></b>	<b><u>Elevation (m)</u></b>	<b><u>Instrument type</u></b>
350	34.80761	-112.89669	1792	SCR-001
352	34.80676	-112.89056	1768	SGR-500
353	34.80639	-112.88553	1756	SCR-002
354	34.80497	-112.87845	1731	SGR-501
355	34.80759	-112.87578	1719	SCR-003
356	34.81090	-112.87468	1719	SGR-502
357	34.81482	-112.87459	1707	SCR-004
358	34.81836	-112.87338	1707	SGR-503
359	34.82151	-112.87189	1701	SCR-005
360	34.82336	-112.86919	1701	SGR-504
361	34.82493	-112.86596	1658	SCR-006
362	34.82716	-112.86392	1646	SGR-505
363	34.83075	-112.86282	1646	SCR-007
364	34.83459	-112.86261	1634	SGR-506
365	34.83813	-112.86172	1658	SCR-008
366	34.83959	-112.85894	1670	SGR-507
367	34.84026	-112.85440	1682	SCR-009
368	34.84032	-112.84902	1670	SGR-508
369	34.84123	-112.84574	1658	SCR-010
370	34.84323	-112.84280	1646	SGR-509
371	34.84594	-112.84049	1634	SCR-011
372	34.84867	-112.83853	1622	SGR-510
373	34.85121	-112.83680	1622	SCR-012
374	34.85375	-112.83431	1585	SGR-511
375	34.85783	-112.83345	1609	SCR-013
376	34.86004	-112.83134	1609	SGR-512
377	34.86232	-112.82892	1609	SCR-014
378	34.86410	-112.82602	1597	SGR-513
379	34.86653	-112.82378	1585	SCR-015
380	34.86889	-112.82278	1585	SGR-514
381	34.87407	-112.82294	1573	SCR-016
382	34.88171	-112.82682	1646	SGR-515
383	34.88927	-112.83126	1664	SCR-017
384	34.89412	-112.83228	1658	SGR-516
385	34.89725	-112.83084	1634	SCR-018
386	34.89977	-112.82878	1634	SGR-517
387	34.90241	-112.82695	1634	---
388	34.91126	-112.83271	1646	SCR-019
389	34.91314	-112.82991	1634	SGR-518
390	34.91406	-112.82581	1622	SCR-020
391	34.91656	-112.82338	1609	SGR-520
392	34.91873	-112.82121	1585	SCR-021
393	34.92183	-112.81991	1573	SGR-521
394	34.92535	-112.81898	1573	SCR-022
395	34.92728	-112.81610	1573	---
396	34.91289	-112.79281	158	SGR-522
397	34.91329	-112.78875	1597	SCR-023
398	34.91494	-112.78577	1585	SGR-523
399	34.91759	-112.78343	1573	SCR-024

APPENDIX B, Continued. Station Locations for the Colorado Plateau NE-SW Main Line

<b>Station</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Elevation ... (m)</b>	<b>Instrument Type</b>
400	34.91966	-112.78092	1573	SGR-524
401	34.92138	-112.77800	1561	SCR-025
402	34.92267	-112.77431	1561	SGR-525
403	34.92338	-112.77000	1548	SCR-026
404	34.92676	-112.76885	1561	SGR-526
405	34.92911	-112.76656	1561	SCR-027
406	34.93080	-112.76319	1561	SGR-527
407	34.93211	-112.75984	1548	SCR-028
408	34.93316	-112.75569	1548	SGR-528
409	34.93426	-112.75417	1536	SCR-029
410	34.93500	-112.75315	1536	SGR-529
411	34.93632	-112.74969	1530	SCR-030
412	34.93725	-112.74532	1524	SGR-530
413	34.93778	-112.74098	1518	SCR-031
414	34.93657	-112.73363	1506	SGR-531
415	34.93620	-112.72887	1500	SCR-032
416	34.93713	-112.72498	1494	SGR-532
417	34.93837	-112.72117	1487	SCR-033
418	34.93878	-112.71596	1481	SGR-533
419	34.95942	-112.73613	1469	----
420	34.96007	-112.73179	1469	SCR-034
421	34.96220	-112.72960	1475	SGR-534
422	34.96362	-112.72589	1475	SCR-035
423	34.96505	-112.72271	1469	SGR-535
424	34.96616	-112.71892	1463	SCR-036
425	34.96820	-112.71624	1463	SGR-542
426	34.96993	-112.71311	1463	SCR-037
427	34.97329	-112.71214	1475	SGR-543
428	34.97672	-112.71148	1487	SCR-038
429	34.97863	-112.70856	1481	SGR-544
430	34.98026	-112.70531	1481	SCR-039
431	34.98171	-112.70195	1481	SGR-545
432	34.98397	-112.69926	1481	SCR-040
433	34.98759	-112.69809	1475	SGR-546
434	34.99112	-112.69760	1463	SCR-041
435	34.99383	-112.69580	1463	----
436	35.00433	-112.70403	1415	SGR-547
437	35.00640	-112.70121	1415	SCR-042
438	35.00878	-112.69842	1412	SGR-548
439	35.01090	-112.69615	1412	SCR-043
440	35.01391	-112.69434	1412	SGR-549
441	35.01609	-112.69186	1409	SCR-044
442	35.01753	-112.68847	1409	SGR-550
443	35.01815	-112.68421	1402	SCR-045
444	35.02049	-112.68176	1396	SGR-551
445	35.02331	-112.68184	1399	SCR-046
446	35.02563	-112.68049	1396	SGR-552
447	35.02701	-112.67972	1393	SCR-047
448	35.02926	-112.67716	1387	SGR-553
449	35.03324	-112.67725	1381	----
450	35.03411	-112.67289	1378	SCR-048
451	35.03599	-112.67052	1375	SGR-554
452	35.03772	-112.66791	1375	SCR-049
453	35.03990	-112.66436	1381	----
454	35.04250	-112.66193	1387	SGR-555
455	35.04497	-112.66042	1393	SCR-050
456	35.04732	-112.65799	1399	SGR-556

APPENDIX B, Continued. Station Locations for the Colorado Plateau NE-SW Main Line

<b>Station</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Elevation (m)</b>	<b>Instrument Type</b>
457	35.04918	-112.65588	1402	SCR-051
458	35.05055	-112.65414	1406	SGR-557
459	35.05171	-112.65287	1409	SCR-052
460	35.05403	-112.65071	1415	SGR-558
461	35.05637	-112.64833	1424	SCR-053
462	35.05907	-112.64603	1430	SGR-559
463	35.06126	-112.64400	1436	SCR-054
464	35.06353	-112.64180	1442	SGR-560
465	35.06584	-112.63955	1451	SCR-055
466	35.06841	-112.63727	1470	SGR-561
467	35.07096	-112.63544	1491	SCR-056
468	35.07329	-112.63303	1503	SGR-562
469	35.07543	-112.63044	1509	SCR-057
470	35.07761	-112.62783	1515	SGR-563
471	35.08009	-112.62594	1521	SCR-058
472	35.08141	-112.62374	1524	SGR-564
473	35.08180	-112.62280	1530	SCR-059
474	35.08415	-112.62080	1536	SGR-565
475	35.08343	-112.61448	1554	SCR-060
476	35.08269	-112.60835	1574	SGR-567
477	35.08269	-112.60300	1592	SCR-061
478	35.08256	-112.59803	1610	SGR-568
479	35.08072	-112.59055	1634	SCR-062
480	35.08179	-112.58681	1652	-----
481	35.08414	-112.58427	1677	SGR-569
482	35.08646	-112.58182	1689	SCR-063
483	35.08818	-112.57893	1701	SGR-570
484	35.08990	-112.57589	1731	SCR-064
485	35.07610	-112.55452	1787	SGR-571
486	35.07749	-112.55071	1778	-----
487	35.08166	-112.55092	1769	SCR-065
488	35.08572	-112.55058	1763	SGR-572
489	35.10081	-112.56316	1710	SCR-066
490	35.10128	-112.56255	1704	SGR-583
491	35.10127	-112.55885	1698	SCR-067
492	35.10036	-112.55275	1692	SGR-584
493	35.10247	-112.54997	1683	SCR-068
494	35.10471	-112.54763	1677	SGR-585
495	35.10986	-112.54916	1671	SCR-069
496	35.11522	-112.55003	1655	SGR-586
497	35.11733	-112.54772	1646	SCR-070
498	35.11874	-112.54460	1643	SGR-587
499	35.12079	-112.54261	1640	SCR-071
500	35.12298	-112.54086	1634	SGR-588
501	35.12162	-112.53464	1637	SCR-072
502	35.12388	-112.53209	1634	SGR-589
503	35.12750	-112.53123	1616	SCR-073
504	35.12926	-112.52813	1613	SGR-590
505	35.13081	-112.52480	1610	SCR-074
506	35.13245	-112.52167	1607	SGR-591
507	35.13360	-112.51860	1601	SCR-075
508	35.13452	-112.51418	1598	SGR-592
509	35.13842	-112.51364	1592	SCR-076
510	35.13971	-112.51015	1586	SGR-593
511	35.14114	-112.50679	1580	SCR-077
512	35.14338	-112.50530	1577	-----
513	35.14345	-112.49912	1580	SGR-594

APPENDIX B, Continued. Station Locations for the Colorado Plateau NE-SW Main Line

<u>Station</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Elevation (m)</u>	<u>Instrument Type</u>
514	35.14665	-112.49848	1577	SCR-078
515	35.15047	-112.49800	1577	SGR-595
516	35.15489	-112.49730	1574	SCR-079
517	35.15876	-112.49701	1571	SGR-596
518	35.16261	-112.49645	1574	SCR-080
519	35.16547	-112.49499	1571	SGR-597
520	35.16856	-112.49323	1571	SCR-081
521	35.17191	-112.49139	1571	SGR-598
522	35.17485	-112.48988	1574	SCR-082
523	35.17724	-112.48758	1574	SGR-599
524	35.18055	-112.48619	1574	SCR-083
525	35.18272	-112.48368	1580	SGR-600
526	35.18483	-112.48141	1580	SCR-084
527	35.18711	-112.47890	1580	SGR-601
528	35.18915	-112.47638	1580	SCR-085
529	35.18978	-112.47144	1583	SGR-602
530	35.19176	-112.46925	1583	SCR-086
531	35.19344	-112.46609	1583	SGR-603
532	35.19287	-112.46043	1583	SCR-087
533	35.19712	-112.45999	1583	SGR-604
534	35.20095	-112.45970	1592	SCR-088
535	35.20510	-112.45934	1592	SGR-605
536	35.20612	-112.45521	1577	SCR-089
537	35.20761	-112.45383	1586	SGR-606
538	35.20850	-112.45250	1586	SCR-090
539	35.21243	-112.45285	1586	SGR-607
540	35.21346	-112.44913	1592	SCR-091
541	35.21410	-112.44462	1595	SGR-608
542	35.21457	-112.43991	1598	SCR-092
543	35.21457	-112.43488	1604	SGR-609
544	35.21695	-112.43307	1607	----
545	35.21900	-112.42996	1628	SCR-093
546	35.22101	-112.42689	1643	SGR-610
547	35.22294	-112.42410	1662	SCR-094
548	35.22481	-112.42142	1658	SGR-611
549	35.22675	-112.41830	1668	SCR-095
550	35.22829	-112.41504	1677	SGR-612
551	35.22978	-112.41184	1695	SCR-096
552	35.23289	-112.41039	1707	SGR-624
553	35.23447	-112.40725	1719	SCR-097
554	35.23585	-112.40353	1719	SGR-625
555	35.23760	-112.40025	1713	SCR-098
556	35.23913	-112.39708	1753	SGR-626
557	35.24058	-112.39381	1763	SCR-099
558	35.24169	-112.39004	1759	SGR-627
559	35.24313	-112.38679	1759	SCR-100
560	35.24462	-112.38344	1759	SGR-629
561	35.24615	-112.38027	1769	SCR-101
562	35.24833	-112.37730	1787	SGR-630
563	35.25040	-112.37599	1780	SCR-102
564	35.25074	-112.37015	1811	SGR-631
565	35.25168	-112.36624	1835	SCR-103
566	35.25279	-112.36266	1853	SGR-632
567	35.25604	-112.36124	1853	SCR-104
568	35.25708	-112.35750	1859	SGR-633
569	35.25968	-112.35542	1865	SCR-105
570	35.25966	-112.35014	1896	SGR-634

APPENDIX B, Continued. Station Locations for the Colorado Plateau NE-SW Main Line

<u>Station</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Elevation (m)</u>	<u>Instrument Type</u>
571	35.26114	-112.34684	1914	SCR-106
572	35.26439	-112.34548	1878	SGR-635
573	35.27347	-112.35138	1893	SCR-107
574	35.27763	-112.35113	1871	SGR-636
575	35.28563	-112.35566	1817	SCR-108
576	35.29069	-112.35646	1804	SGR-637
577	35.28757	-112.34771	1868	SCR-109
578	35.28909	-112.34450	1878	SGR-638
579	35.29184	-112.34252	1878	SCR-110
580	35.29195	-112.33732	1905	SGR-639
581	35.29639	-112.33788	1890	SCR-111
582	35.29886	-112.33578	1902	SGR-640
583	35.30090	-112.33297	1905	SCR-112
584	35.30296	-112.33022	1908	SGR-641
585	35.30480	-112.32724	1902	SCR-113
586	35.30550	-112.32278	1914	SGR-642
587	35.30729	-112.32017	1914	SCR-114
588	35.30963	-112.31774	1920	SGR-643
589	35.31191	-112.31518	1923	SCR-115
590	35.31414	-112.31278	1939	SGR-644
591	35.31914	-112.31366	1942	SCR-116
592	35.32117	-112.31081	1972	SGR-645
593	35.32351	-112.30868	1981	SCR-117
594	35.32555	-112.30604	1984	SGR-646
595	35.32798	-112.30367	2006	SCR-118
596	35.33014	-112.30129	1978	SGR-647
597	35.33227	-112.29921	1975	PRS1
598	35.33463	-112.29644	1969	SGR-648
599	35.33686	-112.29391	1954	PRS1
600	35.33698	-112.28906	1954	SGR-649
601	35.33917	-112.28623	1957	PRS1
602	35.34146	-112.28422	1957	SGR-651
603	35.34370	-112.28157	1951	PRS1
604	35.34651	-112.27866	1958	SGR-536
605	35.34816	-112.27670	1939	PRS1
606	35.35084	-112.27478	1940	SGR-537
607	35.35319	-112.27228	1926	PRS1
608	35.35541	-112.26966	1939	SGR-538
609	35.35787	-112.26763	1917	PRS1
610	35.35996	-112.26515	1944	SGR-539
611	35.36233	-112.26267	1890	PRS1
612	35.36583	-112.26142	1929	SGR-540
613	35.36766	-112.25872	1884	—
614	35.36941	-112.25565	1926	PRS1
615	35.37198	-112.25234	1936	SGR-541
616	35.37348	-112.25014	1948	PRS1
617	35.37544	-112.24757	1941	SGR-573
618	35.37818	-112.24566	1945	PRS1
619	35.38129	-112.24520	1918	SGR-574
620	35.38461	-112.24323	1902	PRS1
621	35.38462	-112.23863	1897	SGR-575
622	35.38732	-112.23611	1902	PRS1
623	35.39134	-112.23629	2065	SGR-576
624	35.39182	-112.23103	1887	PRS4
625	35.39393	-112.22882	1878	SGR-577
626	35.39617	-112.22601	1881	PRS1
627	35.39931	-112.22459	1902	—

APPENDIX B, Continued. Station Locations for the Colorado Plateau NE-SW Main Line

<u>Station</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Elevation</u> <u>(m)</u>	<u>Instrument</u> <u>Type</u>
628	35.40148	-112.22227	1914	SGR-578
629	35.40288	-112.21897	1926	PRS1
630	35.40546	-112.21658	1926	SGR-579
631	35.40768	-112.21428	1923	PRS4
632	35.40988	-112.21157	1920	SGR-580
633	35.41231	-112.20928	1917	PRS1
634	35.41455	-112.20685	1908	SGR-581
635	35.41694	-112.20472	1917	PRS1
636	35.41924	-112.20206	1914	SGR-582
637	35.42148	-112.19982	1914	---
638	35.42361	-112.19749	1902	SGR-613
639	35.42647	-112.19526	1878	PRS1
640	35.42906	-112.19339	1878	SGR-614
641	35.42950	-112.18900	1902	PRS1
642	35.43166	-112.18628	1896	SGR-615
643	35.43335	-112.18316	1896	----
644	35.43230	-112.17702	1905	PRS4
645	35.43439	-112.17378	1914	SGR-616
646	35.43766	-112.17284	1917	PRS1
647	35.44009	-112.17084	1908	SGR-617
648	35.44289	-112.16883	1899	PRS1
649	35.44389	-112.16481	1902	SGR-618
650	35.44574	-112.16213	1902	PRS4
651	35.44767	-112.15901	1908	SGR-619
652	35.44928	-112.15572	1917	PRS1
653	35.45139	-112.15331	1917	SGR-620
654	35.45486	-112.15215	1911	PRS1
655	35.45340	-112.14518	1929	SGR-621
656	35.45320	-112.14014	1928	PRS4
657	35.45513	-112.13693	1925	SGR-622
658	35.45642	-112.13330	1926	PRS1
659	35.45770	-112.13002	1932	SGR-623
660	35.45905	-112.12631	1928	PRS1
661	35.46047	-112.12259	1939	SGR-652
662	35.46224	-112.12006	1939	----
663	35.46479	-112.11738	1942	SGR-653
664	35.46554	-112.11284	1951	PRS1
665	35.47000	-112.11345	1942	SGR-654
666	35.47111	-112.11246	1942	PRS1
667	35.47265	-112.11143	1942	SGR-655
668	35.47496	-112.10894	1945	PRS4
669	35.47768	-112.10740	1954	SGR-656
670	35.48139	-112.10662	1951	PRS1
671	35.48602	-112.10668	1943	SGR-657
672	35.48748	-112.10319	1948	PRS1
673	35.48921	-112.10035	1951	SGR-659
674	35.49137	-112.09767	1951	PRS4
675	35.49310	-112.09469	1939	SGR-660
676	35.49101	-112.08721	1935	PRS1
677	35.49395	-112.08538	1926	SGR-661
678	35.49727	-112.08382	1935	PRS1
679	35.50011	-112.08256	1935	SGR-662
680	35.50284	-112.08072	1940	PRS4
681	35.50538	-112.07861	1939	SGR-663
682	35.50767	-112.07644	1934	PRS1
683	35.50993	-112.07356	1935	SGR-664
684	35.51038	-112.06921	1937	PRS1



APPENDIX B, Continued. Station Locations for the Colorado Plateau NE-SW Main Line

<u>Station</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Elevation (m)</u>	<u>Instrument Type</u>
685	35.51251	-112.06686	1942	SGR-665
686	35.51539	-112.06485	1942	----
687	35.51746	-112.06202	1940	SGR-666
688	35.51876	-112.05872	1942	PRS1
689	35.51945	-112.05416	1943	SGR-667
690	35.52019	-112.04984	1954	PRS1
691	35.52158	-112.04617	1958	SGR-668
692	35.52353	-112.04325	1955	PRS4
693	35.52745	-112.04287	1946	SGR-669
694	35.53089	-112.04193	1940	PRS1
695	35.53477	-112.04133	1935	SGR-670
696	35.53770	-112.03968	1929	PRS1
697	35.53999	-112.03733	1926	SGR-671
698	35.54272	-112.03550	1925	PRS4
699	35.54684	-112.03494	1919	SGR-672
700	35.54874	-112.03237	1920	PRS1
701	35.55046	-112.02930	1929	SGR-673
702	35.55251	-112.02681	1931	PRS1
703	35.55364	-112.02295	1940	SGR-674
704	35.55514	-112.01967	1939	PRS4
705	35.55724	-112.01694	1932	SGR-676
706	35.55945	-112.01456	1931	PRS1
707	35.56214	-112.01238	1935	SGR-677
708	35.56300	-112.00819	1929	PRS1
709	35.56478	-112.00517	1943	SGR-678
710	35.56926	-112.00535	1932	----
711	35.57318	-112.00469	1920	SGR-679
712	35.57588	-112.00302	1916	PRS1
713	35.58026	-112.00307	1913	SGR-680
714	35.58118	-111.99912	1920	PRS1
715	35.70691	-111.99582	1923	SGR-681
716	35.70783	-111.99280	1926	PRS4
717	35.58540	-111.98880	1926	SGR-682
718	35.58450	-111.98237	1932	PRS1
719	35.58443	-111.97754	1932	SGR-683
720	35.58906	-111.97789	1926	PRS1
721	35.58976	-111.97322	1939	SGR-684
722	35.59090	-111.96967	1939	----
723	35.59210	-111.96587	1945	----
724	35.59328	-111.96176	1951	SGR-685
725	35.59446	-111.95832	1963	PRS1
726	35.59596	-111.95487	1960	SGR-686
727	35.59731	-111.95118	1960	PRS1
728	35.59854	-111.94786	1966	SGR-687
729	35.59698	-111.94087	1972	PRS4
730	35.60165	-111.94101	1978	SGR-689
731	35.60539	-111.94042	1975	PRS1
732	35.60870	-111.93928	1978	SGR-690
733	35.60772	-111.93295	1972	PRS1
734	35.61234	-111.93317	1969	SGR-691
735	35.61411	-111.92990	1972	PRS1
736	35.61535	-111.92639	1975	SGR-692
737	35.61761	-111.92403	1978	PRS1
738	35.61996	-111.92126	1978	SGR-693
739	35.62194	-111.91884	1981	PRS1
740	35.62409	-111.91632	1981	SGR-694
741	35.62623	-111.91390	1981	PRS1

APPENDIX B, Continued. Station Locations for the Colorado Plateau NE-SW Main Line

<u>Station</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Elevation (m)</u>	<u>Instrument Type</u>
742	35.62794	-111.91100	1984	SGR-695
743	35.63614	-111.91569	1996	PRS1
744	35.64431	-111.91989	1999	SGR-696
745	35.64454	-111.91533	2018	PRS1
746	35.64614	-111.91222	2030	SGR-697
747	35.64747	-111.90819	2021	PRS1
748	35.64785	-111.90389	1999	SGR-698
749	35.64823	-111.89914	1993	PRS1
750	35.64888	-111.89447	1987	SGR-699
751	35.64941	-111.89003	1981	PRS1
752	35.65079	-111.88634	1981	---
753	35.65306	-111.88421	1981	PRS1
754	35.65549	-111.88178	1978	PRS1
755	35.65788	-111.87971	1978	PRS1
756	35.66109	-111.87831	1987	PRS1
757	35.66102	-111.87157	1981	---
758	35.66402	-111.87317	1975	PRS1
759	35.66595	-111.87411	1980	PRS1
760	35.66824	-111.87163	1981	PRS1
761	35.67056	-111.86920	1994	PRS1
762	35.67168	-111.86578	1987	PRS1
763	35.67723	-111.86667	1989	PRS1
764	35.68086	-111.86611	1987	PRS1
765	35.68441	-111.86518	1988	PRS1
766	35.68761	-111.86365	1987	PRS1
767	35.68983	-111.86141	1987	PRS1
768	35.69223	-111.85879	1987	PRS1
769	35.69487	-111.85687	1986	PRS1
770	35.69783	-111.85538	1986	PRS1
771	35.70020	-111.85277	1984	PRS1
772	35.69914	-111.84598	1983	PRS1
773	35.70180	-111.84403	1982	PRS1
774	35.70420	-111.84198	1981	PRS1
775	35.70526	-111.83856	1980	PRS1
776	35.70850	-111.83720	1978	PRS1
777	35.71119	-111.83475	1977	PRS1
778	35.71426	-111.83327	1974	PRS1
779	35.71653	-111.83094	1972	PRS1
780	35.71753	-111.82671	1969	PRS1
781	35.71781	-111.82176	1967	PRS1
782	35.71921	-111.81852	1966	PRS1
783	35.72146	-111.81619	1963	PRS1
784	35.72282	-111.81295	1959	PRS1
785	35.72410	-111.80726	2113	PRS1
786	35.72667	-111.80667	2045	PRS1
787	35.72745	-111.80275	2045	PRS1
788	35.72800	-111.79826	2011	PRS1
789	35.73188	-111.79777	1979	PRS1
790	35.72998	-111.78906	1948	PRS1
791	35.73118	-111.79290	1995	PRS1
792	35.72995	-111.78513	1968	PRS1
793	35.73126	-111.78177	1981	PRS1
794	35.73293	-111.77860	1974	---
795	35.73515	-111.77608	1994	PRS1
796	35.73703	-111.77323	2005	PRS1
797	35.73901	-111.76914	1966	PRS1
798	35.73966	-111.76588	1974	PRS1

APPENDIX B, Continued. Station Locations for the Colorado Plateau NE-SW Main Line

<b>Station</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Elevation (m)</b>	<b>Instrument Type</b>
799	35.74556	-111.76787	1987	PRS1
800	35.74814	-111.76556	1968	PRS1
801	35.75177	-111.76535	1968	PRS1
802	35.75347	-111.76181	1966	----
803	35.75444	-111.75779	1963	PRS1
804	35.75380	-111.75211	1978	PRS1
805	35.75587	-111.75076	1975	PRS1
806	35.75842	-111.74726	1975	PRS1
807	35.76235	-111.74664	1981	PRS1
808	35.76637	-111.74577	1984	PRS1
809	35.76980	-111.74491	1984	PRS1
810	35.76578	-111.73524	1984	PRS1
811	35.76915	-111.73371	1990	PRS1
812	35.77215	-111.73258	1996	PRS1
813	35.77538	-111.73127	2003	PRS1
814	35.77859	-111.72982	2006	PRS1
815	35.78150	-111.72854	2006	PRS1
816	35.78493	-111.72717	2009	PRS1
817	35.78819	-111.72580	2006	PRS1
818	35.79129	-111.72454	2003	PRS1
819	35.79162	-111.71996	1996	PRS1
820	35.79177	-111.71532	1990	PRS1
821	35.79889	-111.71866	1975	PRS1
822	35.80358	-111.71804	2003	PRS1
823	35.80493	-111.71494	2009	---
824	35.80710	-111.71262	2009	PRS1
825	35.80961	-111.70997	2003	PRS1
826	35.81089	-111.70685	1999	PRS1
827	35.81304	-111.70352	1993	---
828	35.81436	-111.70105	1987	PRS1
829	35.81586	-111.69711	1981	----
830	35.81735	-111.69363	1978	PRS1

**APPENDIX B, Continued  
LOCATION OF PACE 1989 RECEIVERS**

**Grand Canyon NW-SE Cross Line**

<b><u>Station</u></b>	<b><u>Latitude</u></b>	<b><u>Longitude</u></b>	<b><u>Elevation (m)</u></b>	<b><u>Instrument type</u></b>
2001	35.43045	-111.57039	1979	SCR 001
2002	35.43432	-111.57349	1973	SCR 002
2003	35.43806	-111.57641	1967	SCR 003
2004	35.44184	-111.57939	1967	SCR 004
2005	35.44573	-111.58250	1970	SCR 005
2006	35.44889	-111.58644	1979	SCR 006
2007	35.45179	-111.59131	1997	SCR 007
2008	35.45594	-111.59361	1997	SCR 008
2009	35.46223	-111.59138	1997	SCR 009
2010	35.46834	-111.58994	1997	SCR 010
2011	35.47286	-111.59149	1982	SCR 011
2012	35.47645	-111.59480	1979	SCR 012
2013	35.47980	-111.59840	1979	SCR 013
2014	35.48300	-111.60311	1988	SCR 014
2015	35.48601	-111.60777	1997	SCR 015
2016	35.48886	-111.61270	2009	SCR 016
2017	35.49180	-111.61696	2012	SCR 017
2018	35.49643	-111.61889	2018	SCR 018
2019	35.50124	-111.62078	2024	SCR 019
2020	35.50582	-111.62135	2024	SCR 020
2021	35.51125	-111.62267	2024	SCR 021
2022	35.51560	-111.62386	2021	SCR 022
2023	35.51936	-111.62685	2012	SCR 023
2024	35.52227	-111.63068	1988	SCR 024
2025	35.52758	-111.63056	1982	SCR 025
2026	35.53611	-111.62556	1970	SCR 026
2027	35.54289	-111.62225	1967	SCR 027
2028	35.54714	-111.62351	1960	SCR 028
2029	35.55187	-111.62566	1954	SCR 029
2030	35.55451	-111.63122	1945	SCR 030
2031	35.55721	-111.63644	1933	SCR 031
2032	35.55962	-111.64159	1927	SCR 032
2033	35.56232	-111.64708	1924	SCR 033
2034	35.56546	-111.65125	1921	SCR 034
2035	35.56958	-111.65405	1903	SCR 035
2036	35.57416	-111.65433	1896	SCR 036
2037	35.58059	-111.65410	1878	SCR 037
2038	35.58484	-111.65626	1878	SCR 038
2039	35.58919	-111.65730	1859	SCR 039
2040	35.59411	-111.65841	1847	SCR 040
2041	35.59730	-111.66009	1787	SGR 500
2042	35.60091	-111.66158	1780	SGR 501
2043	35.60558	-111.66316	1778	SGR 502
2044	35.60675	-111.66384	1778	SGR 503
2045	35.60769	-111.66424	1777	SGR 504
2046	35.60872	-111.66458	1773	SGR 505
2047	35.60987	-111.66503	1774	SGR 506
2048	35.61084	-111.66547	1776	SGR 507
2049	35.61175	-111.66586	1778	SGR 508
2050	35.61276	-111.66620	1777	SGR 509

APPENDIX B, Continued. Station Locations for the Grand Canyon NW-SE Cross Line

<b>Station</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Elevation (m)</b>	<b>Instrument Type</b>
2051	35.61389	-111.66664	1774	SGR 510
2052	35.61487	-111.66709	1775	SGR 511
2053	35.61571	-111.66735	1803	SGR 512
2054	35.61641	-111.66777	1782	SGR 513
2055	35.61760	-111.66863	1798	SGR 514
2056	35.61829	-111.67098	1765	SGR 515
2057	35.61958	-111.67136	1771	SGR 516
2058	35.62056	-111.67153	1777	SGR 517
2059	35.62161	-111.67160	1768	SGR 518
2060	35.62270	-111.67180	1764	SGR 520
2061	35.62361	-111.67247	1764	SGR 521
2062	35.62455	-111.67325	1762	SGR 522
2063	35.62550	-111.67408	1765	SGR 523
2064	35.62655	-111.67491	1759	SGR 524
2065	35.62737	-111.67561	1762	SGR 525
2066	35.62834	-111.67636	1751	SGR 526
2067	35.62913	-111.67711	1760	SGR 527
2068	35.63023	-111.67776	1748	SGR 528
2069	35.63108	-111.67822	1751	SGR 529
2070	35.63250	-111.67787	1751	SGR 530
2071	35.63319	-111.67778	1766	SGR 531
2072	35.63190	-111.68473	1717	SGR 532
2073	35.63309	-111.68500	1719	SGR 533
2074	35.63275	-111.69025	1723	SGR 534
2075	35.63215	-111.69298	1721	SGR 535
2076	35.63045	-111.69714	1732	SGR 536
2077	35.63039	-111.69899	1736	SGR 538
2078	35.62967	-111.70147	1736	SGR 539
2079	35.62989	-111.70276	1740	SGR 540
2080	35.62765	-111.70670	1749	SGR 541
2081	35.62714	-111.70778	1748	SGR 542
2082	35.62744	-111.70850	1746	SGR 543
2083	35.62827	-111.70962	1744	SGR 544
2084	35.62913	-111.70997	1748	SGR 545
2085	35.63000	-111.71039	1752	SGR 546
2086	35.63087	-111.71082	1757	SGR 547
2087	35.63168	-111.71128	1758	SGR 548
2088	35.63249	-111.71174	1759	SGR 549
2089	35.63331	-111.71223	1760	SGR 550
2090	35.63414	-111.71273	1760	SGR 551
2091	35.63498	-111.71318	1755	SGR 552
2092	35.63582	-111.71363	1749	SGR 553
2093	35.63663	-111.71409	1752	SGR 554
2094	35.63745	-111.71456	1755	PRS1
2095	35.63833	-111.71501	1759	SGR 555
2096	35.63910	-111.71545	1763	PRS1
2097	35.63996	-111.71586	1760	SGR 556
2098	35.64082	-111.71627	1757	PRS1
2099	35.64168	-111.71659	1754	SGR 557
2100	35.64253	-111.71692	1752	PRS1
2101	35.64341	-111.71729	1751	SGR 558
2102	35.64430	-111.71767	1750	PRS1
2103	35.64516	-111.71794	18	SGR 559
2104	35.64602	-111.71822	1755	PRS1
2105	35.64688	-111.71851	1758	SGR 560
2106	35.64775	-111.71881	1791	PRS1
2107	35.64863	-111.71913	1757	SGR 561

APPENDIX B, Continued. Station Locations for the Grand Canyon NW-SE Cross Line

<u>Station</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Elevation (m)</u>	<u>Instrument Type</u>
2108	35.64952	-111.71946	1758	PRS1
2109	35.65038	-111.71982	1762	SGR 562
2110	35.65123	-111.72018	1765	PRS1
2111	35.65205	-111.72054	1764	SGR 563
2112	35.65296	-111.72086	1769	PRS1
2113	35.65363	-111.72172	1779	SGR 564
2114	35.65431	-111.72259	1789	PRS1
2115	35.65505	-111.72308	1792	SGR 566
2116	35.65579	-111.72358	1796	PRS1
2117	35.65664	-111.72404	1792	SGR 567
2118	35.65750	-111.72449	1787	PRS1
2119	35.65829	-111.72509	1794	SGR 568
2120	35.65907	-111.72569	1800	PRS1
2121	35.65984	-111.72627	1802	SGR 569
2122	35.66061	-111.72686	1803	PRS1
2123	35.66147	-111.72706	1829	SGR 570
2124	35.66239	-111.72720	1802	PRS1
2125	35.66338	-111.72725	1827	SGR 571
2126	35.66413	-111.72737	1800	PRS1
2127	35.66578	-111.72753	1828	SGR 572
2128	35.66624	-111.72766	1810	PRS1
2129	35.66720	-111.72776	1827	SGR 573
2130	35.66808	-111.72794	1813	PRS1
2131	35.66907	-111.72807	1830	SGR 574
2132	35.66989	-111.72820	1804	PRS1
2133	35.67104	-111.72842	1808	SGR 575
2134	35.67219	-111.72823	1814	PRS1
2135	35.67294	-111.72878	1817	SGR 576
2136	35.67375	-111.72886	1807	PRS1
2137	35.67487	-111.72896	1810	SGR 577
2138	35.67574	-111.72892	1829	PRS1
2139	35.67671	-111.72927	1809	SGR 578
2140	35.67764	-111.72931	1831	PRS1
2141	35.67866	-111.72957	1811	SGR 579
2142	35.67946	-111.72956	1832	PRS1
2143	35.68058	-111.73008	1812	SGR 580
2144	35.68127	-111.73085	1834	PRS1
2145	35.68168	-111.73288	1817	SGR 581
2146	35.68275	-111.73315	1847	PRS1
2147	35.68345	-111.73316	1825	SGR 582
2148	35.68431	-111.73365	1841	PRS1
2149	35.68503	-111.73398	1824	SGR 583
2150	35.68564	-111.73445	1838	PRS1
2151	35.68661	-111.73630	1825	SGR 584
2152	35.68741	-111.73714	1833	PRS1
2153	35.68843	-111.73846	1832	SGR 585
2154	35.68928	-111.73922	1833	PRS1
2155	35.68987	-111.74005	1834	SGR 586
2156	35.69037	-111.74072	1838	PRS1
2157	35.69216	-111.74336	1842	SGR 587
2158	35.69159	-111.74249	1837	PRS1
2159	35.69216	-111.74336	1842	SGR 588
2160	35.69275	-111.74421	1846	PRS1
2161	35.69349	-111.74740	1842	SGR 589
2162	35.69328	-111.74849	1848	PRS1
2163	35.69350	-111.74971	1856	SGR 590
2164	35.69410	-111.75032	1845	PRS1

APPENDIX B, Continued. Station Locations for the Grand Canyon NW-SE Cross Line

<u>Station</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Elevation (m)</u>	<u>Instrument Type</u>
2165	35.69464	-111.75145	1845	SGR 591
2166	35.69508	-111.75177	1863	PRS1
2167	35.69557	-111.75234	1846	SGR 592
2168	35.69612	-111.75268	1861	PRS1
2169	35.69687	-111.75329	1841	SGR 593
2170	35.69756	-111.75379	1861	PRS1
2171	35.69830	-111.75440	1864	SGR 594
2172	35.69907	-111.75499	1868	PRS1
2173	35.69982	-111.75559	1868	SGR 595
2174	35.70059	-111.75617	1869	PRS1
2175	35.70136	-111.75677	1871	SGR 596
2176	35.70215	-111.75735	1874	PRS1
2177	35.70344	-111.75870	1858	SGR 597
2178	35.70408	-111.75926	1876	PRS1
2179	35.70479	-111.76014	1860	SGR 598
2180	35.70540	-111.76073	1880	PRS1
2181	35.70603	-111.76153	1888	SGR 599
2182	35.70666	-111.76232	1877	PRS1
2183	35.70733	-111.76307	1879	SGR 600
2184	35.70800	-111.76380	1881	PRS1
2185	35.70864	-111.76460	1882	SGR 601
2186	35.70928	-111.76538	1884	PRS1
2187	35.70996	-111.76617	1886	SGR 602
2188	35.71065	-111.76695	1891	PRS1
2189	35.71124	-111.76774	1888	SGR 603
2190	35.71183	-111.76853	1885	PRS1
2191	35.71251	-111.76928	1892	SGR 604
2192	35.71319	-111.77003	1900	PRS1
2193	35.71385	-111.77079	1902	SGR 605
2194	35.71450	-111.77155	1905	PRS1
2195	35.71512	-111.77234	1904	SGR 606
2196	35.71575	-111.77314	1904	PRS1
2197	35.71626	-111.77404	1905	SGR 607
2198	35.71680	-111.77493	1905	PRS1
2199	35.70071	-111.77578	1906	SGR 608
2200	35.71795	-111.77662	1908	PRS1
2201	35.71852	-111.77749	1909	SGR 609
2202	35.71909	-111.77835	1911	PRS1
2203	35.71970	-111.77919	1910	SGR 610
2204	35.72032	-111.78003	1910	PRS1
2205	35.72096	-111.78080	1909	SGR 611
2206	35.72159	-111.78158	1909	PRS1
2207	35.72225	-111.78233	1908	SGR 612
2208	35.72290	-111.78307	1908	PRS1
2209	35.72350	-111.78392	1910	SGR 613
2210	35.72411	-111.78475	1912	PRS1
2211	35.72476	-111.78551	1913	SGR 614
2212	35.72540	-111.78627	1914	PRS1
2213	35.72596	-111.78718	1915	SGR 615
2214	35.72651	-111.78808	1916	PRS1
2215	35.72704	-111.78897	1917	SGR 616
2216	35.72759	-111.78988	1919	PRS1
2217	35.72788	-111.79089	1919	SGR 617
2218	35.72819	-111.79195	1919	PRS1
2219	35.72870	-111.79300	1910	SGR 618
2220	35.72923	-111.79406	1901	PRS1
2221	35.72970	-111.79507	1903	SGR 619

APPENDIX B, Continued. Station Locations for the Grand Canyon NW-SE Cross Line

<u>Station</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Elevation (m)</u>	<u>Instrument Type</u>
2222	35.73019	-111.79607	1906	PRS1
2223	35.73089	-111.79677	1908	SGR 620
2224	35.73162	-111.79746	1911	PRS1
2225	35.73190	-111.79837	1913	SGR 621
2226	35.73213	-111.79943	1918	PRS1
2227	35.73278	-111.80097	1908	SGR 622
2228	35.73327	-111.80164	1922	PRS1
2229	35.73422	-111.80185	1923	SGR 623
2230	35.73493	-111.80247	1922	PRS1
2231	35.73573	-111.80335	1915	SGR 624
2232	35.73644	-111.80425	1928	PRS1
2233	35.73702	-111.80486	1921	SGR 625
2234	35.73775	-111.80555	1933	PRS1
2235	35.73838	-111.80651	1920	SGR 626
2236	35.73872	-111.80733	1929	PRS1
2237	35.73934	-111.80838	1917	SGR 627
2238	35.73994	-111.80911	1942	PRS1
2239	35.74046	-111.81001	1920	SGR 629
2240	35.74093	-111.81095	1984	PRS1
2241	35.74177	-111.81178	1918	SGR 630
2242	35.74226	-111.81238	1954	PRS1
2243	35.74294	-111.81341	1929	SGR 631
2244	35.74345	-111.81410	1928	PRS1
2245	35.74413	-111.81504	1927	SGR 632
2246	35.74459	-111.81562	1927	PRS1
2247	35.74534	-111.81644	1927	SGR 633
2248	35.74581	-111.81727	1929	PRS1
2249	35.74646	-111.81821	1929	SGR 634
2250	35.74702	-111.81901	1928	PRS1
2251	35.74762	-111.81991	1928	SGR 635
2252	35.74817	-111.82060	1930	PRS1
2253	35.74890	-111.82160	1932	SGR 636
2254	35.74949	-111.82232	1930	PRS1
2255	35.74996	-111.82299	1936	SGR 637
2256	35.75070	-111.82401	1938	PRS1
2257	35.75134	-111.82489	1936	SGR 638
2258	35.75192	-111.82574	1940	PRS1
2259	35.75251	-111.82658	1944	SGR 639
2260	35.75311	-111.82739	1948	PRS1
2261	35.75363	-111.82810	1951	SGR 640
2262	35.75439	-111.82914	1952	PRS1
2263	35.75477	-111.82969	1966	SGR 641
2264	35.75535	-111.83057	1958	PRS1
2265	35.75591	-111.83146	1959	SGR 642
2266	35.75631	-111.83210	1956	PRS1
2267	35.75705	-111.83315	1958	SGR 643
2268	35.75741	-111.83392	1963	PRS1
2269	35.75800	-111.83489	1956	SGR 644
2270	35.75841	-111.83562	1961	PRS1
2271	35.75897	-111.83649	1963	SGR 645
2272	35.75953	-111.83732	1953	PRS1
2273	35.76012	-111.83831	1959	SGR 646
2274	35.76058	-111.83905	1970	PRS1
2275	35.76121	-111.83999	1970	SGR 647
2276	35.76185	-111.84079	1982	PRS1
2277	35.76240	-111.84168	1963	SGR 648
2278	35.76307	-111.84259	1984	PRS1



APPENDIX B, Continued. Station Locations for the Grand Canyon NW-SE Cross Line

<b>Station</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Elevation (m)</b>	<b>Instrument Type</b>
2279	35.76342	-111.84360	1971	SGR 649
2280	35.76374	-111.84461	1985	PRS1
2281	35.76413	-111.84562	1989	SGR 651
2282	35.76463	-111.84634	1988	PRS1
2283	35.76546	-111.84743	1996	SGR 652
2284	35.76604	-111.84789	1990	PRS1
2285	35.76660	-111.84870	2004	SGR 653
2286	35.75082	-111.84940	1989	PRS1
2287	35.76800	-111.85015	1998	SGR 654
2288	35.76886	-111.85071	1986	PRS1
2289	35.76960	-111.85153	1989	SGR 655
2290	35.77050	-111.85209	1981	PRS1
2291	35.77119	-111.85292	1984	SGR 656
2292	35.77206	-111.85351	1975	PRS1
2293	35.77207	-111.85480	1993	SGR 657
2294	35.77196	-111.85590	1976	PRS1
2295	35.77255	-111.85718	1980	SGR 659
2296	35.77327	-111.85769	1973	PRS1
2297	35.77391	-111.85858	1981	SGR 660
2298	35.77477	-111.85918	1973	PRS1
2299	35.77544	-111.86009	1984	SGR 661
2300	35.77607	-111.86047	1968	PRS1
2301	35.77687	-111.86154	1975	SGR 662
2302	35.77750	-111.86187	1972	PRS1
2303	35.77817	-111.86317	1985	SGR 663
2304	35.77868	-111.86371	1971	PRS1
2305	35.77925	-111.86495	1981	SGR 664
2306	35.77977	-111.86546	1963	PRS1
2307	35.78022	-111.86661	1984	SGR 665
2308	35.78087	-111.86725	1958	PRS1
2309	35.78132	-111.86846	1982	SGR 666
2310	35.78188	-111.86890	1955	PRS1
2311	35.78231	-111.87012	1990	SGR 667
2312	35.78274	-111.87082	2015	PRS1
2313	35.78340	-111.87191	2017	SGR 668
2314	35.78391	-111.87275	2014	PRS1
2315	35.78450	-111.87368	2009	SGR 669
2316	35.78502	-111.87455	2005	PRS1
2317	35.78550	-111.87526	2003	SGR 670
2318	35.78612	-111.87631	2006	PRS1
2319	35.78658	-111.87721	2000	SGR 671
2320	35.78680	-111.87847	1994	PRS1
2321	35.78724	-111.87953	1988	SGR 672
2322	35.78787	-111.88012	2009	PRS1
2323	35.78881	-111.88039	1995	SGR 673
2324	35.79012	-111.88071	1977	PRS1
2325	35.79165	-111.88114	1998	SGR 674
2326	35.79300	-111.88180	1995	PRS1
2327	35.79398	-111.88121	1998	SGR 676
2328	35.79455	-111.88069	1996	PRS1
2329	35.79534	-111.87989	1996	SGR 677
2330	35.79576	-111.87891	1984	PRS1
2331	35.79670	-111.87863	1998	SGR 678
2332	35.79723	-111.87779	1993	PRS1
2333	35.79822	-111.87797	1997	SGR 679
2334	35.79907	-111.87735	1963	PRS1
2335	35.80049	-111.87640	2000	SGR 680

APPENDIX B, Continued. Station Locations for the Grand Canyon NW-SE Cross Line

<b>Station</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Elevation (m)</b>	<b>Instrument Type</b>
2336	35.80135	-111.87622	1998	PRS1
2337	35.80225	-111.87661	2013	SGR 681
2338	35.80298	-111.87702	2004	PRS1
2339	35.80386	-111.87759	1963	SGR 682
2340	35.80455	-111.87780	2000	PRS1
2341	35.80526	-111.87816	1972	SGR 683
2342	35.80627	-111.87836	2000	PRS1
2343	35.80742	-111.87902	1967	SGR 684
2344	35.80798	-111.87943	1997	PRS1
2345	35.80894	-111.87990	1964	SGR 685
2346	35.80975	-111.87989	1991	PRS1
2347	35.81080	-111.88056	1974	SGR 686
2348	35.81107	-111.88010	1855	PRS1
2349	35.81256	-111.88143	1976	SGR 687
2350	35.81340	-111.88157	1980	PRS1
2351	35.81423	-111.88155	1980	SGR 689
2352	35.81505	-111.88136	1999	PRS1
2353	35.81609	-111.88134	1981	SGR 690
2354	35.81704	-111.88117	1979	PRS1
2355	35.81782	-111.88123	1977	SGR 691
2356	35.81872	-111.88167	1977	PRS1
2357	35.81963	-111.88211	1977	SGR 692
2358	35.82050	-111.88221	1998	PRS1
2359	35.82154	-111.88249	1989	SGR 693
2360	35.82217	-111.88325	1993	PRS1
2361	35.82307	-111.88369	2025	SGR 694
2362	35.82377	-111.88447	2023	SGR 695
2363	35.82446	-111.88521	2033	SGR 696
2364	35.82510	-111.88626	2027	SGR 697
2365	35.82597	-111.88711	2030	SGR 698
2366	35.82700	-111.88839	2028	SCR 041
2367	35.82797	-111.88967	2011	SCR 042
2368	35.82906	-111.89067	2010	SCR 043
2369	35.83004	-111.89065	2031	SCR 044
2370	35.83073	-111.88958	2006	SCR 045
2371	35.83161	-111.88890	2025	SCR 046
2372	35.83252	-111.88860	2030	SCR 047
2373	35.83342	-111.88829	2042	SCR 048
2374	35.83434	-111.88852	2070	SCR 049
2375	35.83509	-111.88802	2028	SCR 050
2376	35.83602	-111.88788	2022	SCR 051
2377	35.83702	-111.88806	2008	SCR 052
2378	35.83798	-111.88786	2015	SCR 053
2379	35.83905	-111.88764	2047	SCR 054
2380	35.84011	-111.88800	2266	SCR 055
2381	35.84090	-111.88816	2105	SCR 056
2382	35.84184	-111.88878	1676	SCR 057
2383	35.84277	-111.88948	1726	SCR 058
2384	35.84371	-111.89017	1776	SCR 059
2385	35.84654	-111.89271	2055	SCR 060
2386	35.85096	-111.89537	2061	SCR 061
2387	35.85459	-111.89920	2067	SCR 062
2388	35.85777	-111.90268	2079	SCR 063
2389	35.86101	-111.90589	2085	SCR 064
2390	35.86453	-111.90979	2091	SCR 065
2391	35.86793	-111.91417	2103	SCR 066
2392	35.87076	-111.91918	2115	SCR 067

APPENDIX B, Continued. Station Locations for the Grand Canyon NW-SE Cross Line

<u>Station</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Elevation (m)</u>	<u>Instrument Type</u>
2393	35.87348	-111.92391	2115	SCR 068
2394	35.87648	-111.92848	2115	SCR 069
2395	35.87999	-111.93253	2127	SCR 070
2396	35.88254	-111.93775	2142	SCR 071
2397	35.88600	-111.94110	2145	SCR 072
2398	35.88941	-111.94453	2158	SCR 073
2399	35.89173	-111.95043	2179	SCR 074
2400	35.89645	-111.95138	2188	SCR 075
2401	35.90180	-111.95116	2194	SCR 076
2402	35.90893	-111.94688	2200	SCR 077
2403	35.91439	-111.94742	2206	SCR 078
2404	35.92117	-111.94410	2221	SCR 079
2405	35.92743	-111.94237	2239	SCR 080
2406	35.93399	-111.93967	2258	SCR 081
2407	35.93922	-111.94076	2261	SCR 082
2408	35.94302	-111.94357	2270	SCR 083
2409	35.94620	-111.94782	2273	SCR 084
2410	35.94932	-111.95173	2273	SCR 085
2411	35.95352	-111.95364	2276	SCR 086
2412	35.95835	-111.95514	2282	SCR 087
2413	35.96196	-111.95898	2279	SCR 088
2414	35.96399	-111.96495	2261	SCR 089
2415	35.96693	-111.96996	2264	SCR 090
2416	35.96925	-111.97538	2264	SCR 091
2417	35.97219	-111.97998	2264	SCR 092
2418	35.97628	-111.98300	2267	SCR 093
2419	35.97905	-111.98773	2267	SCR 094
2420	35.98383	-111.98889	2270	SCR 095
2421	35.98804	-111.99032	2270	SCR 096
2422	35.99172	-111.99431	2270	SCR 097
2423	35.99412	-112.00028	2278	SCR 098
2424	35.99381	-112.02238	2235	SCR 099
2425	35.99848	-112.03411	2213	SCR 100
2426	36.00439	-112.04366	2197	SCR 101
2427	36.00991	-112.05479	2176	SCR 102
2428	36.01487	-112.06516	2158	SCR 103
2429	36.02584	-112.06414	2194	SCR 104
2430	36.03473	-112.06784	2182	SCR 105
2431	36.04076	-112.07661	2179	SCR 106
2432	36.04718	-112.08548	2176	SCR 107
2433	36.05848	-112.08252	2194	SCR 108
2434	36.06543	-112.08967	1853	PRS1
2435	36.07450	-112.09158	1617	PRS1
2436	36.08100	-112.09028	1584	PRS1
2437	36.09087	-112.08781	1218	PRS1
2438	36.10105	-112.09088	777	PRS1
2439	36.11038	-112.09118	805	PRS1
2440	36.12120	-112.07832	909	PRS1
2441	36.13358	-112.07197	985	PRS1
2442	36.14392	-112.06255	1067	PRS1
2443	36.15457	-112.05373	1113	PRS1
2444	36.16765	-112.04425	1174	PRS1
2445	36.17742	-112.03388	1348	PRS1
2506	36.20221	-112.05536	2512	PRS1
2507	36.21617	-112.06033	2539	PRS1
2508	36.22687	-112.06456	2512	PRS1
2509	36.23926	-112.07473	2560	PRS1

APPENDIX B, Continued. Station Locations for the Grand Canyon NW-SE Cross Line

<b>Station</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Elevation (m)</b>	<b>Instrument Type</b>
2510	36.252013	-112.075606	2579	SCR 109
2511	36.264479	-112.078398	2591	SCR 110
2512	36.276753	-112.080394	2633	SCR 111
2513	36.289006	-112.082241	2682	SCR 112
2514	36.299565	-112.085778	2658	SCR 113
2515	36.308634	-112.095455	2701	SCR 114
2516	36.317799	-112.104897	2682	SCR 115
2517	36.331918	-112.114643	2688	SCR 116
2518	36.344954	-112.124304	2739	SCR 117
2519	36.352036	-112.129292	2765	SCR 118
2520	36.361974	-112.133565	2768	AFGL1,2*
2521	36.370632	-112.139915	2783	AFGL2
2522	36.380271	-112.141933	2793	AFGL1,2
2523	36.390019	-112.145105	2792	AFGL2
2524	36.399300	-112.151846	2795	AFGL1,2
2525	36.413291	-112.148012	2792	AFGL2
2526	36.426565	-112.155213	2792	AFGL1,2
2527	36.438237	-112.159893	2795	AFGL2
2528	36.452293	-112.155150	2774	AFGL1,2
2529	36.473278	-112.154426	2749	AFGL2
2530	36.483412	-112.163682	2749	AFGL1,2
2531	36.497464	-112.180915	2694	AFGL2
2532	36.505200	-112.192411	2674	AFGL1,2
2533	36.513666	-112.201001	2664	---
2534	36.522761	-112.206242	2646	AFGL1,2
2535	36.532722	-112.212041	2628	AFGL2
2536	36.544134	-112.219143	2634	AFGL1,2
2537	36.553857	-112.222757	2597	AFGL2
2538	36.564836	-112.226651	2582	AFGL1,2
2539	36.574437	-112.233816	2574	AFGL2
2540	36.580459	-112.246094	2569	AFGL1,2
2541	36.588552	-112.258411	2506	AFGL2
2542	36.598645	-112.268724	2536	AFGL1,2
2543	36.612452	-112.267889	2513	AFGL2
2544	36.622502	-112.274804	2499	AFGL1,2
2545	36.628075	-112.286612	2475	AFGL2
2546	36.637572	-112.293040	2451	AFGL1,2
2547	36.643626	-112.304124	2438	AFGL2
2548	36.648213	-112.322639	2402	AFGL1,2
2549	36.657310	-112.329771	2396	AFGL1
2550	36.680840	-112.346476	1987	AFGL1
2551	36.702904	-112.347729	1960	AFGL1
2552	36.726182	-112.338297	1984	AFGL1
2553	36.748437	-112.357026	1879	AFGL1
2554	36.760099	-112.379688	1811	AFGL1
2555	36.775599	-112.403120	1750	AFGL1
2556	36.794327	-112.419052	1710	AFGL1
2557	36.816967	-112.422901	1672	AFGL1
2558	36.838753	-112.432772	1622	AFGL1
2559	36.858047	-112.447744	1547	AFGL1
2560	36.879568	-112.463513	1506	AFGL1
2561	36.893078	-112.479679	1451	AFGL1
2562	36.913314	-112.493915	1451	AFGL1
2563	36.929835	-112.502569	1445	AFGL1
2564	36.655324	-112.326366	2402	AFGL2

\*AFGL1,2 = Site occupied by AFGL instrument for the Colorado Plateau (1) and/or Grand Canyon (2) profile.