

Missing Salinity Data

This document reports the missing data records in the ancillary salinity files pzsalinity and probe. Missing data in the pzsalinity files are reported for the salinity readings only (not the water color readings) in the following format: date, hour (count beginning at midnight on December 31, 1993), station (distance in feet from the northwestern end of the transect), and nominal piezometer depth. The water color readings are present sporadically. Missing data in the probe file are reported in the following format: station, depth (nominal), and salinity reading (1-11, 4A, 4B). The salinity readings correspond to measurement time periods noted in the probe file. Probe readings are only available for stations in the D transect. Empty cells representing missing data were all filled with a common missing data marker "." in the final published data files.

Transect B

Filename: Bpzsalinity

9/11/1993	-2664	0	2
9/11/1993	-2664	50	2
9/11/1993	-2664	70	2
9/11/1993	-2664	90	2
9/11/1993	-2664	110	2
9/11/1993	-2664	130	2
9/11/1993	-2664	150	2
9/11/1993	-2664	170	2
9/11/1993	-2664	212	2
9/11/1993	-2664	240	2, 12
9/11/1993	-2664	280	2
9/11/1993	-2664	316	2
9/11/1993	-2664	352	2
9/11/1993	-2664	372	2
9/11/1993	-2664	392	2
9/11/1993	-2664	412	2
9/11/1993	-2664	432	2
9/11/1993	-2664	482	2
10/11/1993	-1994	50	2
10/11/1993	-1994	70	2
10/11/1993	-1994	90	2
5/5/1994	2988	0	2
6/3/1994	3684	0	2
6/3/1994	3684	50	2
8/13/1994	5388	0	2
8/13/1994	5388	0	2
2/11/1995	9756	240	2
8/24/1995	14412	240	2
10/16/1995	15684	240	2
12/20/1995	17256	240	2
3/6/1996	19068	240	2
3/6/1996	19068	280	4
5/8/1996	20604	240	2
5/8/1996	20604	280	4
7/10/1996	22116	240	2
7/10/1996	22116	280	4
8/27/1996	23268	150	2, 4, 8, 12
8/27/1996	23268	240	2, 4, 8, 12
8/27/1996	23268	280	4
12/18/1996	26004	150	2, 4, 8, 12
12/18/1996	26004	240	2, 4, 8, 12
3/3/1997	27780	240	2, 8

3/3/1997	27780	432	16
3/3/1997	27780	482	16
5/13/1997	29484	240	2
5/13/1997	29484	280	4
5/13/1997	29484	392	8
2/28/1998	36468	240	2
2/28/1998	36468	280	4, 8
5/11/1998	38196	240	2
5/11/1998	38196	316	12
5/11/1998	38196	392	8
5/11/1998	38196	432	2, 4, 8, 12, 16
5/11/1999	46956	240	2
2/19/2000	53772	240	2

Transect C

Filename: Cpzsalinity

9/12/1993	-2664	0	2
9/12/1993	-2664	50	2
9/12/1993	-2664	70	2
9/12/1993	-2664	90	2
9/12/1993	-2664	110	2
9/12/1993	-2664	130	2
9/12/1993	-2664	150	2
9/12/1993	-2664	170	2, 4, 8, 12
9/12/1993	-2664	190	2, 4, 8, 12
9/12/1993	-2664	210	2, 4, 8, 12
9/12/1993	-2664	310	2, 4, 8, 12
9/12/1993	-2664	450	2, 4, 8, 12
9/12/1993	-2664	523	2, 4, 8
9/12/1993	-2664	596	2, 4, 8, 12
9/12/1993	-2664	616	2, 4, 8, 12
9/12/1993	-2664	636	2, 4, 8, 12
9/12/1993	-2664	656	2, 4, 8, 12
9/12/1993	-2664	676	2, 4, 8, 12
9/12/1993	-2664	696	2, 4, 8, 12
9/12/1993	-2664	716	2, 4, 8, 12
9/12/1993	-2664	756	2
9/12/1993	-2664	776	2
9/12/1993	-2664	796	2
9/12/1993	-2664	816	2
9/12/1993	-2664	866	2
3/26/1994	2028	796	12, 16
3/26/1994	2028	816	2, 4, 8, 12, 16
3/26/1994	2028	866	2, 4, 8, 12, 16
6/3/1994	3684	0	2
6/3/1994	3684	523	8, 12
7/16/1994	4716	616	2, 4, 8
8/21/1994	5580	130	12
12/9/1994	8220	866	12
6/25/1995	12972	523	2, 4, 8
6/25/1995	12972	596	2, 4, 8, 12
6/25/1995	12972	616	2, 4, 8, 12
6/25/1995	12972	636	2, 4, 8, 12
6/25/1995	12972	656	2, 4, 8, 12
6/25/1995	12972	676	2, 4, 8, 12
6/25/1995	12972	699	2, 4, 8, 12

6/25/1995	12972	716	2, 4, 8, 12
6/25/1995	12972	736	2, 4, 8, 12
6/25/1995	12972	756	2, 4, 8, 12
6/25/1995	12972	776	2, 4, 8, 12, 16
6/25/1995	12972	796	2, 4, 8, 12, 16
6/25/1995	12972	816	2, 4, 8, 12, 16
6/25/1995	12972	866	2, 4, 8, 12, 16
2/28/1998	36468	110	8
2/28/1998	36468	130	2, 4
2/28/1998	36468	150	8
2/28/1998	36468	190	8, 12
2/28/1998	36468	210	2, 4, 8
2/28/1998	36468	310	4
2/28/1998	36468	596	2, 4
2/28/1998	36468	616	2, 8
2/28/1998	36468	636	8, 12
2/28/1998	36468	656	2, 8, 12
2/28/1998	36468	716	2, 4, 8, 12
2/28/1998	36468	776	8
2/28/1998	36468	796	4, 8
2/28/1998	36468	816	12
2/28/1998	36468	866	8
5/11/1998	38196	656	12
5/11/1998	38196	866	16
2/19/2000	53772	150	4
2/19/2000	53772	616	2
2/19/2000	53772	816	16

Transect D

Filename: Dpzsalinity

8/13/1993	-3348	50	2
8/13/1993	-3348	70	2
8/13/1993	-3348	90	2
8/13/1993	-3348	110	2
8/13/1993	-3348	130	2
8/13/1993	-3348	150	2
8/13/1993	-3348	170	2
8/13/1993	-3348	190	2
8/13/1993	-3348	250	2
8/13/1993	-3348	294	2
8/13/1993	-3348	300	2
8/13/1993	-3348	309	2, 4, 5
8/13/1993	-3348	316	2
8/13/1993	-3348	326	2
8/13/1993	-3348	386	2
8/13/1993	-3348	474	2
8/13/1993	-3348	544	2
8/13/1993	-3348	579	2
8/13/1993	-3348	614	2
8/13/1993	-3348	679	2
8/13/1993	-3348	707	2
8/13/1993	-3348	734	2
8/13/1993	-3348	754	2
8/13/1993	-3348	774	2
8/13/1993	-3348	794	2
8/13/1993	-3348	814	2

8/13/1993	-3348	864	2
8/19/1993	-3228	0	2, 4, 8, 12, 16
8/19/1993	-3228	50	2
8/19/1993	-3228	70	2
8/19/1993	-3228	90	2
8/19/1993	-3228	110	2
8/19/1993	-3228	130	2
8/19/1993	-3228	150	2
8/19/1993	-3228	170	2
8/19/1993	-3228	190	2
8/19/1993	-3228	734	2
8/19/1993	-3228	754	2
8/19/1993	-3228	774	2
8/19/1993	-3228	794	2
8/19/1993	-3228	814	2
8/19/1993	-3228	864	2
9/11/1993	-2264	0	2
9/11/1993	-2264	50	2
9/11/1993	-2264	70	2
9/11/1993	-2264	90	2
9/11/1993	-2264	110	2
9/11/1993	-2264	130	2
9/11/1993	-2264	150	2
9/11/1993	-2264	170	2
9/11/1993	-2264	190	2
9/11/1993	-2264	250	2, 4, 8
9/11/1993	-2264	294	2, 4, 8
9/11/1993	-2264	300	2, 4, 8
9/11/1993	-2264	316	2, 4, 8
9/11/1993	-2264	326	2, 4, 8
9/11/1993	-2264	386	2, 4, 8
9/11/1993	-2264	474	2, 4, 8
9/11/1993	-2264	544	2, 4, 8, 12
9/11/1993	-2264	579	2, 4, 8
9/11/1993	-2264	614	2, 8, 12
9/11/1993	-2264	648	2, 4, 8, 12
9/11/1993	-2264	679	2, 4, 8, 12
9/11/1993	-2264	707	2, 4, 8, 12
9/11/1993	-2264	734	2
9/11/1993	-2264	754	2
9/11/1993	-2264	774	2
9/11/1993	-2264	794	2, 12
9/11/1993	-2264	814	2, 12
9/11/1993	-2264	864	2, 4
10/21/1993	-1994	0	2
10/21/1993	-1994	50	2
10/21/1993	-1994	70	2
10/21/1993	-1994	170	2
10/21/1993	-1994	250	2
12/21/1993	-252	250	2
12/21/1993	-252	309	2, 4, 5
1/29/1994	684	309	2, 4, 5
5/5/1994	2988	0	2
7/16/1997	4716	309	2, 4, 5
12/9/1994	8220	309	2, 4, 5
12/9/1994	8220	864	12

2/11/1995	9756	250	2, 4, 8
2/11/1995	9756	309	2
2/11/1995	9756	579	2
2/11/1995	9756	864	2
5/26/1995	12252	309	2
5/26/1995	12252	734	2, 4, 8, 12
6/25/1995	12972	90	2, 4, 8, 12, 16
6/25/1995	12972	309	4, 5
6/25/1995	12972	316	2, 4, 8
6/25/1995	12972	326	2, 4, 8
6/25/1995	12972	386	2, 4, 8
6/25/1995	12972	474	2, 4, 8
6/25/1995	12972	544	2, 4, 8, 12
6/25/1995	12972	579	2, 4, 8, 12
6/25/1995	12972	614	2, 4, 8, 12
6/25/1995	12972	648	2, 4, 8, 12
6/25/1995	12972	679	2, 4, 8, 12
6/25/1995	12972	707	2, 4, 8, 12
6/25/1995	12972	734	2, 4, 8, 12
6/25/1995	12972	754	2, 4, 8, 12
6/25/1995	12972	774	2, 4, 8, 12
6/25/1995	12972	794	2, 4, 8, 12
6/25/1995	12972	814	2, 4, 8, 12
6/25/1995	12972	864	2, 4, 8, 12
8/24/1995	14412	309	5
8/24/1995	14412	386	2, 4, 8
10/16/1995	15684	386	4, 8
12/21/1995	17256	794	2
3/3/1997	27780	300	2, 4, 8
3/3/1997	27780	309	2, 4, 5
5/13/1997	29848	814	2, 4, 8, 12
2/28/1998	36468	294	2, 4, 8
2/28/1998	36468	300	2, 4, 8
2/28/1998	36468	309	2, 4, 5
2/28/1998	36468	648	2
2/28/1998	36468	794	8
2/28/1998	36468	864	2, 4, 8, 12
5/11/1998	38196	309	5
5/11/1998	38196	614	12
5/11/1998	38196	648	2
5/11/1998	38196	864	2, 4, 8, 12
2/27/1999	45204	294	2
2/27/1999	45204	300	4, 8
2/27/1999	45204	309	2, 4, 5
2/27/1999	45204	316	2, 4, 8
2/27/1999	45204	326	2, 4, 8
2/27/1999	45204	386	2
2/27/1999	45204	614	2
2/27/1999	45204	648	2, 4
2/27/1999	45204	774	12
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2/27/1999	45204	864	2, 4, 8, 12
5/10/1999	46956	294	4
5/10/1999	46956	309	2, 4
5/10/1999	46956	316	8
2/19/2000	53772	294	2, 4, 8

2/19/2000	53772	300	2, 4, 8
2/19/2000	53772	309	5
2/19/2000	53772	316	2, 4, 8
2/19/2000	53772	326	2, 4, 8

Filename: Probe

554	0	7, 10
554	1	7, 10
554	2	7, 10
554	3	2, 7, 10
554	5	2, 7, 10
554	7	2, 7, 10
554	10	2, 7, 10
554	15	3, 7, 10
554	20	3, 7, 10
554	25	7, 8, 10
564	0	4B, 7, 10, 11
564	1	2, 4B, 7, 10
564	2	2, 4B, 7, 10
564	3	2, 4B, 7, 10
564	5	1, 2, 4B, 7, 10
564	7	1, 4B, 7, 8, 10
564	10	4B, 7, 8, 10
564	15	2, 4B, 7, 10
564	20	2, 4B, 7, 10
564	25	4B, 5, 7, 9, 10, 11
574	0	4B, 7, 10
574	1	4B, 7, 10
574	2	4B, 7, 10
574	3	2, 4B, 7, 10
574	5	2, 4B, 7, 10
574	7	2, 4B, 7, 10
574	10	4B, 7, 10
574	15	4B, 7, 10
574	20	2, 4B, 7, 10
574	25	2, 4B, 7, 9, 10, 11
584	0	4B, 7, 10
584	1	4B, 7, 10
584	2	2, 4B, 7, 9, 10
584	3	2, 4B, 7, 10
584	5	2, 4B, 7, 10
584	7	2, 4B, 7, 10
584	10	2, 4B, 7, 10
584	15	3, 4B, 7, 10
584	20	3, 4B, 7, 10, 11
584	25	4B, 7, 10, 11
594	0	4B, 7, 10
594	1	4B, 7, 10
594	2	4B, 7, 10
594	3	4B, 7, 10
594	5	4B, 7, 10
594	7	4B, 7, 10
594	10	4B, 7, 10
594	15	4B, 7, 10
594	20	1, 4B, 7, 10
594	25	1, 4B, 7, 8, 10

604	0	4B, 7, 10
604	1	2, 4B, 7, 10
604	2	2, 4B, 7, 10
604	3	2, 4B, 7, 10
604	5	2, 4B, 7, 10
604	7	2, 4B, 7, 10
604	10	1, 4B, 7, 10
604	15	1, 4B, 7, 10
604	20	2, 4B, 7, 10
604	25	2, 4B, 7, 10
614	0	4B, 7, 10, 11
614	1	4B, 7, 10
614	2	4B, 7, 10
614	3	4B, 6, 7, 10
614	5	4B, 6, 7, 8, 10
614	7	4B, 7, 8, 9, 10
614	10	4B, 6, 7, 10
614	15	4B, 6, 7, 10
614	20	4B, 6, 7, 8, 9, 10
614	25	4B, 6, 7, 8, 9, 10, 11
624	0	4B, 7, 10, 11
624	1	4B, 7, 10
624	2	4B, 7, 9, 10
624	3	4B, 7, 10
624	5	4B, 7, 10
624	7	4B, 7, 10
624	10	4B, 7, 10
624	15	1, 3, 4B, 7, 10
624	20	1, 2, 3, 4B, 7, 10
624	25	2, 4B, 7, 10
634	0	1, 4B, 7, 10
634	1	4B, 7, 10
634	2	4B, 7, 10
634	3	4B, 7, 10
634	5	4B, 7, 10, 11
634	7	1, 2, 4B, 7, 10
634	10	1, 2, 4B, 7, 10, 11
634	15	1, 4B, 7, 10, 11
634	20	4B, 7, 10, 11
634	25	4A, 4B, 7, 10, 11
644	0	4A, 4B, 7, 10
644	1	4A, 4B, 7, 10
644	2	4A, 4B, 7, 10
644	3	4A, 4B, 7, 10
644	5	4A, 4B, 7, 10
644	7	4A, 4B, 7, 10
644	10	3, 4A, 4B, 7, 10
644	15	3, 4A, 4B, 7, 10
644	20	1, 3, 4A, 4B, 7, 10
644	25	1, 3, 4A, 4B, 7, 10, 11
654	0	4A, 4B, 7, 8, 9, 10
654	1	4A, 4B, 7, 10
654	2	4A, 4B, 7, 10
654	3	4A, 4B, 7, 10
654	5	1, 4A, 4B, 7, 10
654	7	1, 4A, 4B, 7, 10

654	10	1, 2, 4A, 4B, 7, 10
654	15	1, 2, 4A, 4B, 7, 8, 10, 11
654	20	1, 2, 4A, 4B, 7, 10
654	25	1, 2, 4A, 4B, 7, 8, 10, 11
664	0	4A, 4B, 7, 8, 10
664	1	4A, 4B, 7, 8, 10
664	2	4A, 4B, 7, 8, 10
664	3	4A, 4B, 7, 8, 10
664	5	2, 4A, 4B, 7, 8, 10, 11
664	7	2, 4A, 4B, 7, 8, 10
664	10	4A, 4B, 7, 8, 10
664	15	4A, 4B, 7, 8, 10
664	20	1, 4A, 4B, 7, 8, 10
664	25	1, 4A, 4B, 7, 8, 10, 11
674	0	4A, 4B, 7, 8, 10
674	1	4A, 4B, 7, 10, 11
674	2	4A, 4B, 7, 10
674	3	1, 4A, 4B, 7, 10
674	5	1, 2, 4A, 4B, 7, 10
674	7	2, 4A, 4B, 7, 10
674	10	1, 4A, 4B, 7, 10
674	15	1, 4A, 4B, 7, 10
674	20	1, 4A, 4B, 6, 7, 9, 10
674	25	4A, 4B, 6, 7, 8, 9, 10, 11
684	0	4A, 4B, 7, 10
684	1	4A, 4B, 7, 10
684	2	4A, 4B, 7, 10
684	3	1, 4A, 4B, 7, 10
684	5	1, 4A, 4B, 7, 10
684	7	1, 4A, 4B, 7, 10
684	10	1, 4A, 4B, 7, 10, 11
684	15	4A, 4B, 7, 10
684	20	4A, 4B, 7, 10
684	25	4A, 4B, 5, 7, 8, 9, 10, 11
694	0	4A, 4B, 7, 8, 10
694	1	4A, 4B, 7, 8, 10
694	2	4A, 4B, 7, 8, 10
694	3	4A, 4B, 7, 8, 10
694	5	4A, 4B, 7, 8, 10
694	7	1, 4A, 4B, 7, 8, 10
694	10	1, 4A, 4B, 7, 8, 10
694	15	4A, 4B, 7, 8, 10
694	20	1, 4A, 4B, 7, 8, 10
694	25	1, 4A, 4B, 7, 8, 10
704	0	4A, 4B, 7, 10
704	1	4A, 4B, 7, 10
704	2	4A, 4B, 7, 10
704	3	4A, 4B, 7, 10
704	5	1, 4A, 4B, 7, 8, 10
704	7	1, 4A, 4B, 7, 10
704	10	2, 4A, 4B, 7, 8, 10
704	15	2, 4A, 4B, 7, 8, 10
704	20	4A, 4B, 7, 10
704	25	4A, 4B, 7, 8, 10, 11
714	0	4A, 4B, 10, 11
714	1	4A, 4B, 10

714	2	4A, 4B, 10
714	3	4A, 4B, 8, 10
714	5	4A, 4B, 8, 10, 10
714	7	4A, 4B, 7, 10
714	10	4A, 4B, 7, 8, 10
714	15	4A, 4B, 7, 10
714	20	1, 4A, 4B, 7, 10, 11
714	25	1, 4A, 4B, 7, 8, 10, 11
724	0	4A, 4B, 10, 11
724	1	4A, 4B, 10, 11
724	2	4A, 4B, 10, 11
724	3	4A, 4B, 10, 11
724	5	4A, 4B, 10, 11
724	7	4A, 4B, 10
724	10	4A, 4B, 10
724	15	4A, 4B, 10
724	20	4A, 4B, 10
724	25	4A, 4B, 10
734	0	1, 4A, 4B, 10
734	1	1, 4A, 4B, 10
734	2	4A, 4B, 10
734	3	4A, 4B, 10, 11
734	5	4A, 4B, 10
734	7	4A, 4B, 10
734	10	4A, 4B, 10
734	15	4A, 4B, 10
734	20	4A, 4B, 10
734	25	4A, 4B, 8, 10
744	0	4A, 4B, 10
744	1	4A, 4B, 10
744	2	4A, 4B, 10, 11
744	3	4A, 4B, 7, 10
744	5	4A, 4B, 7, 10
744	7	4A, 4B, 7, 10
744	10	4A, 4B, 10
744	15	1, 4A, 4B, 8, 10, 11
744	20	1, 4A, 4B, 8, 10
744	25	4A, 4B, 8, 10, 11
754	0	4A, 4B, 10
754	1	4A, 4B, 10
754	2	4A, 4B, 10
754	3	4A, 4B, 10
754	5	4A, 4B, 10, 11
754	7	4A, 4B, 10
754	10	4A, 4B, 10, 11
754	15	4A, 4B, 10
754	20	1, 4A, 4B, 8, 10, 11
754	25	1, 4A, 4B, 8, 10, 11
764	0	4A, 4B, 10, 11
764	1	1, 4A, 4B, 10, 11
764	2	1, 4A, 4B, 10, 11
764	3	1, 4A, 4B, 10, 11
764	5	4A, 4B, 10, 11
764	7	4A, 4B, 10
764	10	4A, 4B, 10, 11
764	15	4A, 4B, 8, 10

764	20	4A, 4B, 5, 8, 10, 11
764	25	4A, 4B, 5, 8, 10, 11
774	0	4A, 4B, 8, 10, 11
774	1	4A, 4B, 8, 10, 11
774	2	4A, 4B, 8, 10
774	3	4A, 4B, 8, 10
774	5	1, 4A, 4B, 8, 10
774	7	1, 4A, 4B, 8, 10
774	10	4A, 4B, 8, 9, 10, 11
774	15	4A, 4B, 8, 10
774	20	4A, 4B, 8, 10
774	25	4A, 4B, 8, 10