



## MWVSUSAMAP14.1

### NOAA Vector Charts & USACE Inland Charts

Provider	Chart title	Scale	Edition number	Revision number	Revision date
NOAA	US1PO02M	10000000	21	0	03/06/2019
NOAA	US1WC07M	4860700	20	3	08/07/2018
NOAA	US1WC08M	4860700	1	1	30/01/2009
NOAA	US1BS01M	3500000	12	6	23/08/2018
NOAA	US1BS02M	3500000	10	0	29/08/2018
NOAA	US1BS03M	3500000	11	3	30/08/2018
NOAA	US1BS04M	3500000	6	0	29/08/2018
NOAA	US1EEZ2M	3500000	5	0	08/08/2018
NOAA	US1EEZ3M	3500000	2	3	21/10/2013
NOAA	US1WC01M	3500000	46	5	11/04/2019
NOAA	US1WC04M	3500000	14	15	09/11/2018
NOAA	US1HA01M	3121170	23	0	10/07/2019
NOAA	US1EEZ1M	3000000	5	1	15/06/2018
NOAA	US1GC09M	2160000	46	7	10/02/2019
NOAA	US1HA02M	1650000	11	9	14/06/2018
NOAA	US1AK90M	1587870	17	4	09/12/2018
NOAA	US2AK95M	1534076	9	12	20/08/2018
NOAA	US2WC11M	1444000	27	0	17/06/2019
NOAA	US2EC01M	1200000	21	0	01/10/2020
NOAA	US2EC02M	1200000	27	1	13/09/2019
NOAA	US2EC03M	1200000	34	4	28/05/2019
NOAA	US2WC12M	1200000	26	3	25/03/2019
NOAA	US2AK70M	1126321	13	1	22/08/2018
NOAA	US2AK7XM	1126321	9	1	08/06/2018
NOAA	US2AK5FM	1023188	21	6	23/04/2019
NOAA	US2AK20M	969761	10	9	31/08/2018
NOAA	US2AK30M	969756	20	4	04/02/2019
NOAA	US2SP01M	931650	17	1	14/05/2018
NOAA	US2GC09M	875000	15	5	25/09/2019
NOAA	US2WC05M	868003	18	21	12/04/2018
NOAA	US2WC06M	811980	9	11	18/05/2018

NOAA	US2WC03M	736560	8	30	12/08/2017
NOAA	US2AK91M	700000	13	3	07/11/2018
NOAA	US2AK92M	700000	15	6	07/11/2018
NOAA	US2EC04M	675000	25	27	08/02/2018
NOAA	US2HA03M	675000	10	5	14/05/2018
NOAA	US2HA05M	675000	19	8	14/05/2018
NOAA	US3EC04M	675000	2	2	15/02/2007
NOAA	US2HA06M	663392	5	1	14/05/2018
NOAA	US2HA07M	653219	4	0	14/05/2018
NOAA	US2HA08M	642271	4	0	14/05/2018
NOAA	US2ARCGD	640000	1	0	07/11/2018
NOAA	US2MI79M	600000	6	13	09/12/2018
NOAA	US3HA04M	600000	10	4	21/08/2017
NOAA	US2MI01M	500000	5	15	26/07/2018
NOAA	US2MI60M	500000	6	9	14/08/2018
NOAA	US3EC05M	500000	7	1	22/06/2012
NOAA	US3MI60M	500000	19	2	01/10/2012
NOAA	US3FL30M	466940	38	6	29/08/2018
NOAA	US3NY21M	400000	10	2	09/11/2012
NOAA	US3OH03M	400000	10	3	27/09/2011
NOAA	US3AK5KM	350000	29	3	07/01/2019
NOAA	US3AK80M	350000	11	1	18/09/2018
NOAA	US3AK95M	350000	2	1	07/12/2018
NOAA	US3DE01M	350000	22	20	20/06/2018
NOAA	US3EC09M	350000	13	4	26/04/2018
NOAA	US3EC10M	350000	42	16	08/02/2018
NOAA	US3EC11M	350000	7	0	12/10/2019
NOAA	US3GA10M	350000	42	1	26/11/2019
NOAA	US3GC01M	350000	30	1	26/11/2019
NOAA	US3GC03M	350000	60	8	07/11/2019
NOAA	US3GC05M	350000	48	5	19/02/2019
NOAA	US3GC06M	350000	26	4	27/09/2019
NOAA	US3GC07M	350000	35	2	25/09/2019
NOAA	US3NY01M	350000	46	6	19/09/2019
NOAA	US3SC10M	350000	31	0	12/12/2019
NOAA	US3PR10M	326856	23	1	12/12/2019
NOAA	US3AK89M	315350	10	3	08/06/2018
NOAA	US3AK38M	300000	12	0	16/08/2018
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NOAA	US3AK60M	300000	14	4	03/12/2019
NOAA	US3AK61M	300000	25	4	20/03/2019
NOAA	US3AK71M	300000	5	0	13/08/2018
NOAA	US3AK7BM	300000	9	0	08/06/2018
NOAA	US3AK7GM	300000	5	0	08/08/2018
NOAA	US3AK7RM	300000	10	1	16/11/2018
NOAA	US3AK7WM	300000	4	0	14/08/2018
NOAA	US3AK83M	300000	9	1	18/07/2018

NOAA	US3HTI01	300000	1	1	26/03/2019
NOAA	US3GC02M	250000	37	2	11/08/2019
NOAA	US3GC04M	250000	63	3	08/01/2019
NOAA	US3HA10M	250000	17	4	20/07/2018
NOAA	US3HA20M	250000	15	3	08/01/2019
NOAA	US3HA60M	247482	12	0	24/09/2019
NOAA	US2MI80M	240000	9	17	28/02/2019
NOAA	US3CA70M	234270	37	16	06/07/2018
NOAA	US3CA69M	232188	25	5	07/02/2019
NOAA	US3AK40M	229376	15	3	29/11/2018
NOAA	US3AK42M	229376	15	1	25/04/2019
NOAA	US3AK4RM	229376	9	1	08/08/2018
NOAA	US3EC06M	220000	13	0	26/04/2018
NOAA	US3EC07M	220000	11	3	26/04/2018
NOAA	US3AK3BM	217828	13	1	06/12/2019
NOAA	US3AK3CM	217828	8	1	08/10/2018
NOAA	US3AK3UM	217828	9	3	08/09/2018
NOAA	US3AK4PM	217828	14	1	08/09/2018
NOAA	US3CA85M	216116	20	11	17/10/2017
NOAA	US3CA52M	210668	27	0	11/01/2019
NOAA	US3AK3AM	209978	13	5	15/08/2018
NOAA	US3AK4ZM	209978	6	3	26/02/2019
NOAA	US3CA14M	207840	32	16	30/05/2018
NOAA	US30029K	200000	1	0	26/09/2013
NOAA	US3AK12M	200000	11	4	15/08/2018
NOAA	US3AK21M	200000	18	4	14/08/2018
NOAA	US3AK2DM	200000	14	0	25/07/2019
NOAA	US3AK2HM	200000	12	4	07/12/2018
NOAA	US3AK84M	200000	12	3	08/07/2018
NOAA	US3AK8CM	200000	10	0	08/07/2018
NOAA	US3CA15M	200000	22	5	05/02/2018
NOAA	US3EC08M	200000	28	21	28/05/2019
NOAA	US3SP40M	200000	3	0	18/08/2017
NOAA	US3WA02M	200000	12	6	24/09/2010
NOAA	US3OR03M	196948	21	7	19/07/2018
NOAA	US3AK1DM	194154	21	7	31/08/2018
NOAA	US3OR02M	191730	27	29	19/10/2017
NOAA	US3OR01M	185238	35	6	26/03/2019
NOAA	US3WA03M	180789	27	0	23/10/2019
NOAA	US3FL28M	180000	14	0	17/09/2019
NOAA	US3FL90M	180000	26	1	23/12/2019
NOAA	US3HA76M	180000	5	1	18/08/2017
NOAA	US3WA01M	176253	25	5	10/01/2018
NOAA	US3LA01M	175000	8	7	20/11/2018
NOAA	US3LA02M	175000	22	7	28/08/2019
NOAA	US3PLW01	165000	1	0	15/11/2017
NOAA	US3AK72M	160000	9	1	14/08/2018

NOAA	US3WA46M	150000	26	0	01/10/2020
NOAA	US410865	150000	2	1	28/03/2019
NOAA	US4AK5XM	135000	4	0	27/02/2018
NOAA	US4AK7LM	120000	6	0	04/09/2018
NOAA	US4IN01M	120000	13	7	03/06/2018
NOAA	US4MI42M	120000	15	7	03/06/2018
NOAA	US4MI65M	120000	21	1	11/06/2018
NOAA	US4MI67M	120000	13	1	03/08/2018
NOAA	US4MI68M	120000	7	6	03/09/2018
NOAA	US4MI70M	120000	17	0	10/07/2019
NOAA	US4MI71M	120000	15	0	12/05/2019
NOAA	US4MI76M	120000	7	0	12/05/2019
NOAA	US4MI77M	120000	12	4	17/09/2018
NOAA	US4MI89M	120000	17	8	11/06/2018
NOAA	US4MI90M	120000	16	8	05/10/2018
NOAA	US4MN11M	120000	24	0	11/05/2019
NOAA	US4MN21M	120000	8	1	10/07/2019
NOAA	US4MN22M	120000	10	1	10/07/2019
NOAA	US4NY38M	120000	9	0	23/03/2018
NOAA	US4WI33M	120000	24	7	13/09/2018
NOAA	US4WI34M	120000	13	6	16/03/2018
NOAA	US4AK5IM	106600	4	0	27/02/2018
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NOAA	US4AK14M	100000	11	0	10/08/2019
NOAA	US4AK15M	100000	23	1	10/08/2019
NOAA	US4AK1CM	100000	6	0	20/03/2018
NOAA	US4AK1EM	100000	7	0	16/02/2018
NOAA	US4AK26M	100000	11	0	08/01/2019
NOAA	US4AK3AM	100000	2	2	21/03/2017
NOAA	US4AK51M	100000	5	0	05/08/2019
NOAA	US4AK52M	100000	4	0	27/12/2017
NOAA	US4AK73M	100000	7	0	03/01/2018
NOAA	US4AK7FM	100000	5	0	03/01/2018
NOAA	US4AK7JM	100000	5	0	28/02/2018
NOAA	US4AK7KM	100000	7	0	03/01/2018
NOAA	US4AK80M	100000	2	0	02/12/2018
NOAA	US4AK81M	100000	15	0	20/09/2019
NOAA	US4AK83M	100000	2	0	13/02/2018
NOAA	US4AK85M	100000	12	2	09/09/2019
NOAA	US4AK86M	100000	5	0	27/12/2017
NOAA	US4AK87M	100000	4	0	27/12/2017
NOAA	US4AK88M	100000	12	0	13/04/2018
NOAA	US4AK8DM	100000	8	0	20/09/2019
NOAA	US4CA11M	100000	33	5	29/03/2019
NOAA	US4CA68M	100000	12	4	05/09/2019
NOAA	US4CA73M	100000	9	2	19/06/2017
NOAA	US4CA74M	100000	13	2	17/07/2019

NOAA	US4FL23M	100000	10	0	09/10/2019
NOAA	US4HA72M	100000	5	0	01/08/2018
NOAA	US4MI11M	100000	20	9	27/03/2018
NOAA	US4NY26M	100000	13	0	17/10/2019
NOAA	US4OH04M	100000	8	1	15/03/2018
NOAA	US4PA20M	100000	7	1	22/02/2017
NOAA	US4PR11M	100000	19	2	12/12/2019
NOAA	US4PR30M	100000	15	0	12/12/2019
NOAA	US4PR31M	100000	16	0	12/09/2019
NOAA	US4PR41M	100000	12	0	12/12/2019
NOAA	US4PR60M	100000	18	0	12/09/2019
NOAA	US4SP02M	100000	16	5	10/05/2017
NOAA	US4WA36M	100000	29	2	10/01/2018
NOAA	US4AK00M	90000	1	0	11/09/2015
NOAA	US4AK98M	90000	2	0	10/04/2019
NOAA	US4AK99M	90000	1	0	11/10/2015
NOAA	US4AK2EM	83074	7	0	28/02/2018
NOAA	US4AK1AM	82662	16	3	10/02/2018
NOAA	US4AK2FM	81847	19	2	14/09/2018
NOAA	US4AK5LM	81529	16	0	10/11/2018
NOAA	US4AK22M	81436	17	1	10/10/2018
NOAA	US4AK2GM	81436	11	3	14/05/2018
NOAA	US4AK54M	81326	5	0	03/07/2018
NOAA	US4AK17M	80905	4	0	03/06/2018
NOAA	US4AK5NM	80728	17	0	10/11/2018
NOAA	US4AK5CM	80660	7	2	07/06/2018
NOAA	US4AK25M	80000	24	3	26/02/2018
NOAA	US4AK2AM	80000	11	0	14/08/2019
NOAA	US4AK32M	80000	8	1	27/06/2018
NOAA	US4AK36M	80000	7	2	22/10/2018
NOAA	US4AK3DM	80000	7	0	20/09/2018
NOAA	US4AK3MM	80000	8	1	05/04/2018
NOAA	US4AK3OM	80000	18	0	04/09/2018
NOAA	US4AK3XM	80000	7	0	25/07/2019
NOAA	US4AK44M	80000	4	0	15/02/2018
NOAA	US4AK48M	80000	5	1	02/11/2009
NOAA	US4AK49M	80000	10	2	02/05/2019
NOAA	US4AK45M	80000	5	0	03/05/2018
NOAA	US4AK53M	80000	3	0	27/12/2017
NOAA	US4AK55M	80000	22	0	27/03/2018
NOAA	US4AK56M	80000	5	0	22/02/2018
NOAA	US4AK57M	80000	16	0	22/02/2018
NOAA	US4AK58M	80000	10	0	22/02/2018
NOAA	US4AK59M	80000	7	0	21/02/2018
NOAA	US4AK5BM	80000	6	1	18/09/2018
NOAA	US4AK5GM	80000	6	1	27/12/2017
NOAA	US4AK5JM	80000	3	0	23/07/2018

NOAA	US4AK5OM	80000	9	0	15/10/2019
NOAA	US4AK5QM	80000	14	1	27/11/2018
NOAA	US4AK5RM	80000	4	0	22/02/2018
NOAA	US4AK5VM	80000	4	0	23/02/2018
NOAA	US4AK61M	80000	1	1	16/11/2015
NOAA	US4AK62M	80000	5	0	23/02/2018
NOAA	US4AK6AN	80000	1	0	17/10/2018
NOAA	US4AK6AO	80000	1	0	17/10/2018
NOAA	US4AK6AP	80000	1	0	17/10/2018
NOAA	US4AK6BN	80000	1	0	17/10/2018
NOAA	US4AK6BO	80000	1	0	11/05/2018
NOAA	US4AK6BP	80000	1	0	17/10/2018
NOAA	US4AK6CN	80000	1	0	17/10/2018
NOAA	US4AK6CO	80000	1	0	17/10/2018
NOAA	US4AK6DM	80000	1	0	18/10/2018
NOAA	US4AK6DN	80000	1	0	17/10/2018
NOAA	US4AK6DO	80000	1	0	17/10/2018
NOAA	US4AK6EM	80000	1	0	17/10/2018
NOAA	US4AK6EN	80000	1	0	17/10/2018
NOAA	US4AK6FM	80000	15	1	20/11/2019
NOAA	US4AK6SK	80000	1	0	20/09/2019
NOAA	US4AK6SL	80000	1	0	20/09/2019
NOAA	US4AK6SM	80000	1	0	20/09/2019
NOAA	US4AK6TK	80000	1	0	20/09/2019
NOAA	US4AK6TL	80000	1	0	20/09/2019
NOAA	US4AK6TM	80000	1	1	20/09/2019
NOAA	US4AK6UK	80000	1	0	20/09/2019
NOAA	US4AK6UL	80000	1	0	20/09/2019
NOAA	US4AK7CM	80000	6	0	28/03/2018
NOAA	US4AK84M	80000	3	0	13/02/2018
NOAA	US4AL11M	80000	56	3	12/11/2019
NOAA	US4AL12M	80000	8	3	27/11/2018
NOAA	US4CA46M	80000	7	0	23/08/2018
NOAA	US4CA60M	80000	32	6	06/07/2018
NOAA	US4CN21M	80000	24	0	18/09/2019
NOAA	US4CN22M	80000	12	3	25/09/2018
NOAA	US4DE11M	80000	35	14	05/07/2018
NOAA	US4DE12M	80000	25	4	29/10/2019
NOAA	US4FL10M	80000	35	2	18/10/2019
NOAA	US4FL12M	80000	6	0	27/10/2017
NOAA	US4FL13M	80000	24	1	24/08/2018
NOAA	US4FL14M	80000	15	3	23/05/2018
NOAA	US4FL15M	80000	15	2	27/10/2017
NOAA	US4FL18M	80000	20	5	03/05/2018
NOAA	US4FL20M	80000	14	0	12/07/2018
NOAA	US4FL26M	80000	9	0	12/07/2018
NOAA	US4FL27M	80000	13	0	12/07/2018

NOAA	US4FL31M	80000	44	0	12/11/2019
NOAA	US4FL34M	80000	20	4	18/09/2018
NOAA	US4FL40M	80000	39	1	25/09/2019
NOAA	US4FL43M	80000	10	0	19/11/2019
NOAA	US4FL44M	80000	31	0	26/09/2019
NOAA	US4FL46M	80000	6	0	27/10/2017
NOAA	US4FL50M	80000	22	2	19/06/2019
NOAA	US4FL60M	80000	25	5	15/08/2019
NOAA	US4FL62M	80000	5	2	10/05/2017
NOAA	US4FL68M	80000	18	0	17/01/2020
NOAA	US4FL69M	80000	18	2	20/11/2019
NOAA	US4FL71M	80000	21	5	03/05/2019
NOAA	US4FL74M	80000	12	4	09/04/2018
NOAA	US4FL80M	80000	19	0	11/01/2019
NOAA	US4FL85M	80000	7	0	31/10/2019
NOAA	US4FL87M	80000	9	2	29/08/2018
NOAA	US4FL89M	80000	9	1	29/08/2018
NOAA	US4FL92M	80000	16	2	05/07/2019
NOAA	US4FL97M	80000	19	1	23/12/2019
NOAA	US4GA11M	80000	37	1	18/10/2019
NOAA	US4GA17M	80000	21	4	13/09/2019
NOAA	US4HA14M	80000	19	3	10/04/2017
NOAA	US4HA23M	80000	15	5	08/03/2018
NOAA	US4HA30M	80000	11	1	08/01/2019
NOAA	US4HA51M	80000	28	2	21/06/2019
NOAA	US4HA61M	80000	9	3	14/08/2017
NOAA	US4HA70M	80000	4	0	14/08/2017
NOAA	US4HA73M	80000	5	0	02/08/2018
NOAA	US4LA10M	80000	17	0	11/08/2019
NOAA	US4LA12M	80000	5	5	10/09/2018
NOAA	US4LA13M	80000	7	2	10/09/2018
NOAA	US4LA14M	80000	26	0	12/09/2019
NOAA	US4LA15M	80000	31	3	23/05/2019
NOAA	US4LA20M	80000	12	3	25/09/2019
NOAA	US4LA21M	80000	37	0	25/09/2019
NOAA	US4LA22M	80000	37	0	12/11/2019
NOAA	US4LA25M	80000	24	6	19/04/2019
NOAA	US4LA29M	80000	27	2	16/05/2019
NOAA	US4LA30M	80000	35	2	08/01/2019
NOAA	US4LA31M	80000	33	6	06/11/2019
NOAA	US4LA32M	80000	39	5	25/07/2019
NOAA	US4LA33M	80000	36	3	08/01/2019
NOAA	US4LA34M	80000	36	3	08/01/2019
NOAA	US4LA35M	80000	44	2	18/09/2019
NOAA	US4LA39M	80000	19	3	17/04/2019
NOAA	US4LA3AM	80000	9	2	08/08/2019
NOAA	US4MA04M	80000	30	10	05/10/2019

NOAA	US4MA13M	80000	39	2	16/09/2019
NOAA	US4MA14M	80000	33	0	11/06/2019
NOAA	US4MA19M	80000	5	10	27/03/2017
NOAA	US4MA23M	80000	37	2	12/06/2019
NOAA	US4MA43M	80000	20	9	13/08/2019
NOAA	US4MD20M	80000	32	8	17/05/2019
NOAA	US4MD40M	80000	18	12	30/04/2018
NOAA	US4MD80M	80000	7	0	30/05/2019
NOAA	US4MD81M	80000	21	7	28/05/2019
NOAA	US4MD82M	80000	25	10	05/09/2019
NOAA	US4ME01M	80000	16	5	29/08/2018
NOAA	US4ME03M	80000	17	10	15/05/2018
NOAA	US4ME04M	80000	9	2	20/08/2019
NOAA	US4ME20M	80000	21	0	21/01/2020
NOAA	US4ME27M	80000	16	0	12/10/2019
NOAA	US4ME30M	80000	28	7	15/04/2019
NOAA	US4ME50M	80000	22	7	22/08/2018
NOAA	US4MI2SH	80000	1	0	12/04/2019
NOAA	US4MI2SI	80000	1	0	12/04/2019
NOAA	US4MI2SJ	80000	1	0	12/04/2019
NOAA	US4MI2SK	80000	1	0	12/05/2019
NOAA	US4MI2TH	80000	1	0	12/04/2019
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NOAA	US4MI2TK	80000	1	0	12/05/2019
NOAA	US4MI51M	80000	28	1	11/07/2019
NOAA	US4MI52M	80000	17	0	11/08/2019
NOAA	US4MI56M	80000	12	1	10/03/2018
NOAA	US4MI57M	80000	14	2	25/09/2018
NOAA	US4MI59M	80000	11	4	21/09/2018
NOAA	US4MN1DD	80000	1	0	11/12/2019
NOAA	US4MN1DE	80000	1	0	11/12/2019
NOAA	US4MN1DF	80000	1	0	11/12/2019
NOAA	US4MN1DG	80000	1	0	10/07/2019
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NOAA	US4MN1EF	80000	1	0	11/12/2019
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NOAA	US4MN1EH	80000	1	0	10/07/2019
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NOAA	US4MN1EJ	80000	1	0	10/07/2019
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NOAA	US4MN1FK	80000	1	0	10/07/2019
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NOAA	US4MS12M	80000	40	2	12/12/2019
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NOAA	US4NC13M	80000	19	4	23/05/2019
NOAA	US4NC15M	80000	24	14	06/12/2018
NOAA	US4NC16M	80000	21	3	25/03/2019
NOAA	US4NC20M	80000	18	3	05/04/2018
NOAA	US4NC30M	80000	34	15	20/05/2019
NOAA	US4NC31M	80000	28	11	24/05/2019
NOAA	US4NC32M	80000	16	3	09/07/2018
NOAA	US4NC53M	80000	35	4	17/05/2019
NOAA	US4NC55M	80000	6	3	26/09/2016
NOAA	US4NJ22M	80000	20	4	25/05/2018
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NOAA	US4NY1BM	80000	8	3	05/04/2018
NOAA	US4NY1GM	80000	28	12	21/06/2018
NOAA	US4NY1JM	80000	15	9	13/12/2018
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NOAA	US4NY22M	80000	11	4	30/03/2018
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NOAA	US4NY25M	80000	14	0	17/10/2019
NOAA	US4NY32M	80000	11	0	31/10/2019
NOAA	US4NY33M	80000	15	0	23/03/2018
NOAA	US4NY53M	80000	13	4	17/04/2018
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NOAA	US4TX21M	80000	20	4	11/06/2018
NOAA	US4TX28M	80000	19	5	06/10/2019
NOAA	US4TX31M	80000	27	7	29/08/2019
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NOAA	US4TX52M	80000	29	1	12/09/2019
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NOAA	US4TX71M	80000	37	2	11/08/2019

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NOAA	US4VA40M	80000	27	2	30/07/2019
NOAA	US4VA50M	80000	26	14	27/04/2018
NOAA	US4VA70M	80000	23	0	01/07/2020
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NOAA	US5AK11M	50000	13	0	08/10/2017
NOAA	US5AK14M	50000	7	0	10/08/2019
NOAA	US5AK16M	50000	26	0	13/09/2019
NOAA	US5AK1CM	50000	2	0	17/05/2017
NOAA	US5AK5AM	50000	8	0	22/06/2017
NOAA	US5AK7HM	50000	5	0	03/08/2017

NOAA	US5AK7IM	50000	5	0	27/03/2017
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NOAA	US5AK8BM	50000	9	0	17/04/2017
NOAA	US5AK93M	50000	3	0	14/02/2017
NOAA	US5AK94M	50000	4	0	30/05/2017
NOAA	US5AK97M	50000	5	0	21/11/2017
NOAA	US5AK9DM	50000	3	0	23/12/2016
NOAA	US5AK9EM	50000	3	0	01/10/2017
NOAA	US5AK9GM	50000	5	0	26/01/2017
NOAA	US5AK9OM	50000	3	1	01/10/2017
NOAA	US5AK9PM	50000	6	0	30/05/2017
NOAA	US5AK9QM	50000	5	0	30/05/2017
NOAA	US5AK9RM	50000	3	0	22/02/2017
NOAA	US5AK9SM	50000	3	0	22/02/2017
NOAA	US5AK9TM	50000	4	0	22/02/2017
NOAA	US5AK9UM	50000	3	0	02/07/2017
NOAA	US5AK9VM	50000	3	0	22/02/2017
NOAA	US5AK9WM	50000	3	0	22/02/2017
NOAA	US5AK9XM	50000	3	0	02/09/2017
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NOAA	US5AK9ZM	50000	3	0	14/02/2017
NOAA	US5CA50M	50000	10	5	06/04/2018
NOAA	US5CA65M	50000	45	8	25/05/2018
NOAA	US5FL47M	50000	3	1	21/12/2016
NOAA	US5FL48M	50000	5	0	09/12/2018
NOAA	US5LA11M	50000	42	0	26/09/2019
NOAA	US5LA16M	50000	12	0	01/08/2020
NOAA	US5LA38M	50000	21	0	18/12/2019
NOAA	US5LA41M	50000	19	5	30/07/2018
NOAA	US5ME54M	50000	13	5	20/06/2018
NOAA	US5ME55M	50000	14	0	26/10/2018
NOAA	US5ME57M	50000	3	1	03/01/2012
NOAA	US5OR43M	50000	9	12	21/07/2017
NOAA	US5SP41M	50000	4	1	08/09/2017
NOAA	US5TX32M	50000	31	1	13/11/2019
NOAA	US5VA11M	50000	24	0	16/01/2020
NOAA	US5AK96M	49794	3	0	02/06/2017
NOAA	US5AK9HM	49794	5	1	20/06/2018
NOAA	US5AK9IM	49590	6	2	20/06/2018
NOAA	US5AK9JM	49177	3	0	02/08/2017
NOAA	US5AK9KM	48973	5	0	31/01/2017
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NOAA	US5AK9MM	48149	5	0	02/02/2017
NOAA	US5AK9NM	47943	6	0	30/05/2017
NOAA	US5SP22M	47750	4	0	08/09/2017
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NOAA	US5AK02M	40000	6	0	23/10/2018
NOAA	US5AK03M	40000	2	0	27/07/2017
NOAA	US5AK05M	40000	2	0	05/08/2017
NOAA	US5AK06M	40000	4	0	27/06/2017
NOAA	US5AK0BM	40000	3	0	22/05/2017
NOAA	US5AK0CM	40000	2	0	04/11/2017
NOAA	US5AK0EM	40000	2	3	22/06/2017
NOAA	US5AK0JM	40000	4	0	15/08/2019
NOAA	US5AK23M	40000	25	1	25/10/2018
NOAA	US5AK24M	40000	2	0	24/04/2017
NOAA	US5AK28M	40000	13	0	09/03/2019
NOAA	US5AK2WM	40000	3	0	26/07/2017
NOAA	US5AK2ZM	40000	3	0	05/04/2017
NOAA	US5AK31M	40000	13	0	07/10/2018
NOAA	US5AK35M	40000	5	1	30/10/2018
NOAA	US5AK37M	40000	8	1	26/07/2017
NOAA	US5AK39M	40000	3	0	21/11/2016
NOAA	US5AK3EM	40000	4	0	24/08/2017
NOAA	US5AK3FM	40000	9	0	10/10/2018
NOAA	US5AK3GM	40000	11	0	21/06/2017
NOAA	US5AK3IM	40000	2	0	04/03/2017
NOAA	US5AK3PM	40000	6	1	14/08/2019
NOAA	US5AK3SM	40000	10	0	08/11/2017
NOAA	US5AK3TM	40000	10	1	28/08/2017
NOAA	US5AK3VM	40000	9	1	16/08/2017
NOAA	US5AK3WM	40000	5	0	14/04/2017
NOAA	US5AK3YM	40000	3	0	24/08/2017
NOAA	US5AK41M	40000	4	0	15/08/2019
NOAA	US5AK43M	40000	4	0	16/11/2018
NOAA	US5AK44M	40000	4	0	14/08/2019
NOAA	US5AK47M	40000	10	0	11/01/2018
NOAA	US5AK49M	40000	3	0	20/04/2016
NOAA	US5AK4AM	40000	24	0	15/08/2019
NOAA	US5AK4BM	40000	20	2	07/12/2018
NOAA	US5AK4CM	40000	22	0	24/05/2017
NOAA	US5AK4DM	40000	8	0	10/08/2019
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NOAA	US5AK4GM	40000	4	0	15/08/2019
NOAA	US5AK4IM	40000	10	0	29/11/2019
NOAA	US5AK4JM	40000	3	0	20/02/2018
NOAA	US5AK4KM	40000	4	0	14/11/2017
NOAA	US5AK4LM	40000	3	2	21/12/2016

NOAA	US5AK4MM	40000	4	0	10/03/2018
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NOAA	US5AK4QM	40000	5	0	12/06/2018
NOAA	US5AK4TM	40000	5	0	13/03/2018
NOAA	US5AK5JM	40000	3	0	18/04/2017
NOAA	US5AK63M	40000	3	0	23/08/2017
NOAA	US5AK64M	40000	8	0	29/03/2017
NOAA	US5AK65M	40000	6	0	05/09/2017
NOAA	US5AK66M	40000	8	1	04/12/2017
NOAA	US5AK68M	40000	5	0	13/04/2017
NOAA	US5AK69M	40000	6	0	19/04/2017
NOAA	US5AK6AM	40000	5	0	20/06/2017
NOAA	US5AK6BM	40000	7	0	20/04/2017
NOAA	US5AK6CM	40000	16	2	05/01/2018
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NOAA	US5AK78M	40000	4	0	23/02/2017
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NOAA	US5AK7TM	40000	5	0	22/03/2017
NOAA	US5AK7UM	40000	6	0	05/05/2017
NOAA	US5AK83M	40000	2	0	13/03/2017
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NOAA	US5AK95M	40000	3	2	14/12/2016
NOAA	US5AL12M	40000	37	1	30/05/2019
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NOAA	US5CA46M	40000	12	2	04/11/2019
NOAA	US5CA47M	40000	13	1	10/10/2017
NOAA	US5CA51M	40000	8	0	29/09/2017
NOAA	US5CA63M	40000	7	3	24/09/2018
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NOAA	US5CA78M	40000	17	0	25/08/2017
NOAA	US5CA81M	40000	12	5	24/07/2018
NOAA	US5CA82M	40000	8	1	25/08/2017
NOAA	US5CA90M	40000	4	2	29/05/2019
NOAA	US5CA92M	40000	14	1	10/01/2019
NOAA	US5CA95M	40000	3	1	18/08/2017
NOAA	US5CA97M	40000	7	0	05/11/2018
NOAA	US5CA98M	40000	5	0	21/08/2017
NOAA	US5CN10M	40000	9	1	15/08/2018
NOAA	US5CN20M	40000	15	5	01/04/2018

NOAA	US5DE10M	40000	20	6	06/04/2018
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NOAA	US5FL11M	40000	49	0	18/10/2019
NOAA	US5FL12M	40000	64	3	06/06/2019
NOAA	US5FL14M	40000	5	5	19/06/2017
NOAA	US5FL17M	40000	14	0	29/05/2019
NOAA	US5FL19M	40000	21	5	23/04/2019
NOAA	US5FL21M	40000	29	4	10/04/2016
NOAA	US5FL24M	40000	29	1	12/10/2018
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NOAA	US5FL29M	40000	17	0	19/12/2018
NOAA	US5FL33M	40000	43	0	12/11/2019
NOAA	US5FL40M	40000	42	2	24/10/2018
NOAA	US5FL41M	40000	68	0	12/11/2019
NOAA	US5FL42M	40000	19	4	24/05/2019
NOAA	US5FL43M	40000	8	0	25/10/2019
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NOAA	US5FL8AM	40000	2	1	29/08/2019
NOAA	US5FL95M	40000	12	0	10/05/2018
NOAA	US5FL96M	40000	16	0	20/12/2018
NOAA	US5FL98M	40000	15	0	19/12/2018
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NOAA	US5MD14M	40000	26	1	15/01/2020
NOAA	US5MD16M	40000	29	0	23/05/2019
NOAA	US5MD17M	40000	18	5	30/07/2018
NOAA	US5MD18M	40000	11	4	18/03/2019
NOAA	US5MD19M	40000	9	1	25/10/2018
NOAA	US5MD1AM	40000	5	2	04/02/2019
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NOAA	US5MD23M	40000	17	2	23/01/2019
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NOAA	US5MD41M	40000	18	5	06/12/2018
NOAA	US5MD43M	40000	14	4	23/04/2018
NOAA	US5MD44M	40000	19	0	04/01/2019
NOAA	US5ME12M	40000	22	2	08/03/2018
NOAA	US5ME13M	40000	19	0	02/01/2018
NOAA	US5ME14M	40000	12	3	08/01/2018
NOAA	US5ME19M	40000	13	0	07/03/2019
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NOAA	US5ME23M	40000	20	0	07/03/2019
NOAA	US5ME26M	40000	14	2	09/11/2019
NOAA	US5ME31M	40000	13	8	19/06/2018
NOAA	US5ME33M	40000	9	2	03/06/2019
NOAA	US5ME34M	40000	10	2	18/04/2019
NOAA	US5ME51M	40000	12	5	06/04/2018
NOAA	US5ME52M	40000	9	2	03/11/2019
NOAA	US5MI32M	40000	23	0	14/08/2017

NOAA	US5MI33M	40000	26	0	14/08/2017
NOAA	US5MI61M	40000	17	9	11/01/2018
NOAA	US5MI62M	40000	21	2	31/01/2019
NOAA	US5MI63M	40000	14	4	20/06/2018
NOAA	US5MI78M	40000	9	3	31/05/2019
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NOAA	US5MS21M	40000	42	0	01/08/2020
NOAA	US5NC12M	40000	50	34	30/04/2018
NOAA	US5NC14M	40000	16	19	17/05/2018
NOAA	US5NC18M	40000	21	5	26/07/2019
NOAA	US5NC19M	40000	17	10	21/05/2019
NOAA	US5NC21M	40000	16	5	27/04/2018
NOAA	US5NC22M	40000	10	0	05/11/2018
NOAA	US5NC51M	40000	26	17	23/05/2019
NOAA	US5NC52M	40000	14	3	29/05/2018
NOAA	US5NC53M	40000	18	12	24/05/2019
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NOAA	US5NY40M	40000	18	6	05/07/2018
NOAA	US5NY43M	40000	17	6	03/05/2018
NOAA	US5NY44M	40000	18	0	22/04/2019
NOAA	US5NY52M	40000	22	3	07/11/2019
NOAA	US5NY67M	40000	4	0	14/11/2019
NOAA	US5OH08M	40000	3	4	13/06/2018
NOAA	US5OH10M	40000	25	0	13/06/2018
NOAA	US5OR11M	40000	73	30	05/02/2018
NOAA	US5OR12M	40000	77	22	07/12/2018
NOAA	US5OR13M	40000	58	20	06/05/2018
NOAA	US5OR14M	40000	52	17	06/05/2018
NOAA	US5OR19M	40000	37	3	09/12/2019
NOAA	US5OR30M	40000	16	4	19/06/2018
NOAA	US5OR49M	40000	7	0	17/05/2019
NOAA	US5OR50M	40000	11	7	19/07/2018
NOAA	US5OR51M	40000	11	3	03/05/2019
NOAA	US5PA11M	40000	31	9	02/11/2019
NOAA	US5PR55M	40000	11	0	19/06/2019
NOAA	US5RI10M	40000	14	0	04/08/2019
NOAA	US5RI20M	40000	17	0	12/11/2017
NOAA	US5SC12M	40000	32	3	31/07/2019
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NOAA	US5SP02M	40000	3	1	08/04/2017
NOAA	US5SP31M	40000	5	0	09/06/2017
NOAA	US5TX12M	40000	37	2	09/10/2019
NOAA	US5TX13M	40000	23	0	08/09/2019
NOAA	US5TX14M	40000	12	0	10/09/2019
NOAA	US5TX22M	40000	39	5	11/05/2019
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NOAA	US5TX25M	40000	11	1	11/05/2019
NOAA	US5TX26M	40000	15	1	11/05/2019
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NOAA	US5TX58M	40000	9	4	08/08/2018
NOAA	US5TX61M	40000	24	1	10/04/2019
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NOAA	US5VA21M	40000	23	0	13/01/2020
NOAA	US5VA22M	40000	28	7	30/04/2018
NOAA	US5VA24M	40000	28	5	05/02/2018
NOAA	US5VA25M	40000	30	0	01/08/2020
NOAA	US5VA26M	40000	16	0	26/04/2019
NOAA	US5VA27M	40000	24	4	05/11/2018
NOAA	US5VA41M	40000	42	0	27/09/2019
NOAA	US5VA51M	40000	24	4	03/05/2019
NOAA	US5VA61M	40000	7	2	28/06/2018
NOAA	US5VA62M	40000	8	0	11/01/2017
NOAA	US5VA63M	40000	17	4	06/08/2018
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NOAA	US5VT04M	40000	5	4	25/09/2018
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NOAA	US5WA17M	40000	27	0	29/05/2018
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NOAA	US5WA27M	40000	13	1	16/11/2018
NOAA	US5WA45M	40000	22	1	13/07/2017
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NOAA	US5AK2CM	30000	12	1	08/07/2017
NOAA	US5AK3RM	30000	4	2	14/12/2016
NOAA	US5AK3ZM	30000	4	2	23/05/2017
NOAA	US5AK5PM	30000	4	0	05/01/2017
NOAA	US5AK7NM	30000	7	0	28/03/2017
NOAA	US5AK7PM	30000	3	0	17/03/2017
NOAA	US5AK7QM	30000	5	0	04/06/2017
NOAA	US5AK7SM	30000	7	0	21/03/2017
NOAA	US5CA96M	30000	7	0	08/05/2019
NOAA	US5FL44M	30000	9	1	28/11/2018
NOAA	US5FL72M	30000	36	14	03/05/2019
NOAA	US5FL91M	30000	17	0	13/11/2019
NOAA	US5FL93M	30000	25	2	14/11/2019
NOAA	US5HA22M	30000	17	5	08/02/2017
NOAA	US5MA04M	30000	7	1	29/11/2018
NOAA	US5MI21M	30000	20	2	10/04/2017
NOAA	US5MI55M	30000	13	2	17/10/2018
NOAA	US5MI56M	30000	2	3	30/10/2017
NOAA	US5MI58M	30000	7	2	11/08/2018
NOAA	US5MI65M	30000	5	1	09/03/2019
NOAA	US5MI72M	30000	5	3	23/08/2016
NOAA	US5MI73M	30000	16	1	15/10/2018
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NOAA	US5NY27M	30000	8	1	08/09/2017
NOAA	US5NY31M	30000	9	1	23/06/2017
NOAA	US5NY34M	30000	15	0	26/09/2018
NOAA	US5OH1BM	30000	3	3	28/02/2019
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NOAA	US5WA30M	30000	4	1	09/12/2017
NOAA	US5WI05M	30000	15	2	26/03/2019
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NOAA	US5AN01M	25000	3	0	07/06/2018
NOAA	US5CA94M	25000	28	8	30/04/2018
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NOAA	US5MA10M	25000	5	2	03/09/2018
NOAA	US5MA12M	25000	26	0	01/06/2020
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NOAA	US5SP21M	25000	3	0	09/05/2017
NOAA	US5TX53M	25000	58	0	11/05/2019
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NOAA	US5WA31M	25000	31	7	28/03/2019
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NOAA	US5WA40M	25000	16	1	06/04/2018
NOAA	US5WA41M	25000	21	1	12/12/2018
NOAA	US5WA42M	25000	20	0	20/08/2019
NOAA	US5WA43M	25000	20	0	12/08/2017
NOAA	US5WA44M	25000	13	1	12/08/2017
NOAA	US5WI02M	25000	17	7	11/06/2018
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NOAA	US5FL27M	24000	6	2	23/08/2017
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NOAA	US5AL1AM	22000	6	1	15/10/2019
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NOAA	US5AK07M	20000	4	0	05/08/2017
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NOAA	US5AK0AM	20000	2	0	04/10/2017
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NOAA	US5AK2XM	20000	3	0	30/03/2017
NOAA	US5AK2YM	20000	4	0	20/06/2017
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NOAA	US5AK3KM	20000	12	1	07/02/2018
NOAA	US5AK3MM	20000	4	0	05/01/2017
NOAA	US5AK3NM	20000	7	0	06/01/2017
NOAA	US5AK3OM	20000	2	0	06/12/2017
NOAA	US5AK54M	20000	4	0	26/04/2017
NOAA	US5AK57M	20000	3	0	17/09/2019
NOAA	US5AK58M	20000	2	0	14/04/2017
NOAA	US5AK5EM	20000	15	2	12/04/2017
NOAA	US5AK5MM	20000	3	1	06/02/2017
NOAA	US5AK5NM	20000	2	0	05/10/2017
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NOAA	US5CA49M	20000	8	0	05/03/2019
NOAA	US5CA53M	20000	4	1	23/08/2017
NOAA	US5CA58M	20000	11	2	26/06/2019
NOAA	US5CA60M	20000	10	0	24/08/2017
NOAA	US5CA61M	20000	42	0	23/10/2018
NOAA	US5CA71M	20000	22	0	17/07/2019
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NOAA	US5FL09M	20000	16	5	18/05/2018
NOAA	US5FL15M	20000	5	3	18/04/2017
NOAA	US5FL52M	20000	49	1	10/09/2019
NOAA	US5FL57M	20000	31	5	19/10/2018
NOAA	US5GA22M	20000	49	4	24/10/2018
NOAA	US5GA23M	20000	9	0	13/07/2018
NOAA	US5HA06M	20000	5	1	28/08/2017
NOAA	US5HA52M	20000	17	6	30/08/2017
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NOAA	US5HA56M	20000	6	0	11/06/2017
NOAA	US5HA65M	20000	3	0	30/08/2017
NOAA	US5HA72M	20000	5	0	09/12/2017
NOAA	US5HA79M	20000	4	0	31/08/2017
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NOAA	US5MA31M	20000	15	1	21/08/2019
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NOAA	US5ME24M	20000	15	0	18/09/2019
NOAA	US5ME32M	20000	10	0	23/07/2019
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NOAA	US5MI11M	20000	3	2	17/05/2018
NOAA	US5MI53M	20000	15	3	28/02/2019
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NOAA	US5MI64M	20000	20	3	16/08/2018
NOAA	US5MI67M	20000	2	4	27/07/2017
NOAA	US5MI71M	20000	2	2	13/10/2017

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NOAA	US5NY14M	20000	23	6	18/07/2018
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NOAA	US5OR45M	20000	13	7	28/08/2018
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NOAA	US5PA13M	20000	28	5	02/11/2019
NOAA	US5PR11M	20000	5	0	29/05/2019
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NOAA	US5PR31M	20000	5	0	12/09/2019
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NOAA	US5PR46M	20000	6	1	19/12/2016
NOAA	US5PR47M	20000	6	0	19/06/2019
NOAA	US5PR51M	20000	7	0	06/12/2019
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NOAA	US5RI22M	20000	31	6	21/05/2019

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NOAA	US5RI25M	20000	22	1	07/10/2019
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NOAA	US5SC15M	20000	16	0	24/10/2018
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NOAA	US5VA32M	20000	31	5	03/05/2019
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NOAA	US5ME25M	15000	12	0	07/03/2019
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NOAA	US5MI22M	15000	22	8	08/03/2018
NOAA	US5MI28M	15000	4	5	08/03/2018
NOAA	US5MI29M	15000	5	9	24/09/2018
NOAA	US5MI30M	15000	4	8	06/05/2018

NOAA	US5MI41M	15000	12	6	14/05/2018
NOAA	US5MI50M	15000	7	2	02/05/2019
NOAA	US5MI51M	15000	3	4	19/06/2018
NOAA	US5MI52M	15000	3	0	02/08/2018
NOAA	US5MI57M	15000	3	1	25/09/2018
NOAA	US5MI59M	15000	2	2	31/07/2017
NOAA	US5MI66M	15000	4	0	10/05/2017
NOAA	US5MI75M	15000	11	2	17/09/2018
NOAA	US5MI77M	15000	3	6	28/07/2017
NOAA	US5MI82M	15000	17	4	10/04/2018
NOAA	US5MI83M	15000	16	6	22/06/2018
NOAA	US5MI84M	15000	15	3	21/06/2018
NOAA	US5MI89M	15000	5	3	11/06/2018
NOAA	US5MI91M	15000	3	3	21/06/2018
NOAA	US5NC17M	15000	54	27	11/05/2018
NOAA	US5NJ11M	15000	40	6	19/02/2019
NOAA	US5NJ13M	15000	46	10	14/06/2018
NOAA	US5NJ15M	15000	17	1	10/05/2018
NOAA	US5NY18M	15000	41	7	25/03/2019
NOAA	US5NY19M	15000	27	9	04/09/2018
NOAA	US5NY23M	15000	6	0	29/03/2018
NOAA	US5NY33M	15000	5	1	20/11/2017
NOAA	US5NY35M	15000	21	3	26/09/2018
NOAA	US5NY61M	15000	6	2	27/09/2017
NOAA	US5NY62M	15000	5	0	03/08/2019
NOAA	US5NY63M	15000	7	2	14/06/2018
NOAA	US5NY64M	15000	5	0	27/09/2017
NOAA	US5NY65M	15000	6	3	22/08/2018
NOAA	US5OR17M	15000	20	2	06/06/2018
NOAA	US5OR18M	15000	10	0	09/11/2018
NOAA	US5PA12M	15000	37	0	26/11/2019
NOAA	US5PA22M	15000	17	4	25/05/2017
NOAA	US5PR16M	15000	13	1	06/04/2019
NOAA	US5PR50M	15000	5	0	06/12/2019
NOAA	US5PR61M	15000	16	0	12/09/2019
NOAA	US5RI11M	15000	14	6	12/11/2017
NOAA	US5RI21M	15000	12	0	12/06/2019
NOAA	US5SP10M	15000	7	0	16/04/2019
NOAA	US5SP20M	15000	5	0	09/05/2017
NOAA	US5SP23M	15000	4	0	09/05/2017
NOAA	US5SP24M	15000	4	1	09/05/2017
NOAA	US5SP30M	15000	9	1	09/06/2017
NOAA	US5WA22M	15000	40	2	19/03/2019
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NOAA	US5WI04M	15000	7	2	02/05/2019
NOAA	US5WI11M	15000	27	0	01/10/2020
NOAA	US5WI22M	15000	10	3	30/01/2018



NOAA	US510820	12500	1	0	09/09/2014
NOAA	US510870	12500	1	0	30/05/2018
NOAA	US510910	12500	1	0	09/09/2014
NOAA	US556370	12500	1	0	07/03/2018
NOAA	US5PA21M	12500	2	5	25/05/2017
NOAA	US510860	12000	1	0	14/08/2018
NOAA	US5AK7MM	12000	6	0	18/05/2017
NOAA	US5CA62M	12000	59	8	18/06/2018
NOAA	US5CA72M	12000	52	5	23/08/2018
NOAA	US5FL22M	12000	47	4	31/07/2019
NOAA	US5MA1AM	12000	3	5	03/12/2018
NOAA	US5NY1KM	12000	2	2	29/08/2017
NOAA	US5SP07M	12000	11	2	18/05/2018
NOAA	US6LA53M	12000	9	1	01/06/2020
NOAA	US6LA54M	12000	12	0	01/09/2020
NOAA	US6LA5AM	12000	8	0	16/01/2020
NOAA	US510121	10000	1	0	30/05/2018
NOAA	US510880	10000	2	1	14/08/2018
NOAA	US510885	10000	1	0	09/09/2014
NOAA	US510930	10000	1	1	09/09/2014
NOAA	US556660	10000	2	0	16/03/2018
NOAA	US5AK08M	10000	5	0	13/04/2017
NOAA	US5AK34M	10000	4	1	28/03/2017
NOAA	US5AK3DM	10000	3	0	05/09/2017
NOAA	US5AK3HM	10000	8	2	11/08/2018
NOAA	US5AK3QM	10000	3	0	16/07/2018
NOAA	US5AK3XM	10000	3	0	21/11/2016
NOAA	US5AK45M	10000	6	2	10/02/2018
NOAA	US5AK4HM	10000	4	0	28/04/2017
NOAA	US5AK5DM	10000	13	1	12/04/2017
NOAA	US5AK67M	10000	6	0	06/01/2017
NOAA	US5AK6DM	10000	11	0	27/08/2019
NOAA	US5AK6EM	10000	13	1	27/08/2019
NOAA	US5AK7EM	10000	3	0	03/07/2017
NOAA	US5AK7OM	10000	7	0	16/03/2017
NOAA	US5AK88M	10000	3	1	16/11/2016
NOAA	US5CA32M	10000	29	8	16/10/2018
NOAA	US5CA41M	10000	40	8	17/08/2018
NOAA	US5CA43M	10000	21	7	17/08/2018
NOAA	US5CA45M	10000	19	7	24/09/2018
NOAA	US5CA83M	10000	13	1	28/09/2018
NOAA	US5CA93M	10000	4	0	10/02/2019
NOAA	US5CA9AM	10000	6	4	16/04/2018
NOAA	US5CN43M	10000	14	0	01/10/2020
NOAA	US5FL32M	10000	39	4	05/10/2019
NOAA	US5FL73M	10000	28	5	03/05/2019
NOAA	US5FL82M	10000	42	0	16/08/2019

NOAA	US5FL88M	10000	26	2	29/08/2018
NOAA	US5FL94M	10000	22	0	14/11/2019
NOAA	US5HA12M	10000	12	3	25/08/2017
NOAA	US5HA16M	10000	15	2	08/02/2017
NOAA	US5HA18M	10000	4	0	28/08/2017
NOAA	US5HA23M	10000	6	1	09/07/2017
NOAA	US5HA25M	10000	6	0	15/02/2018
NOAA	US5HA59M	10000	5	1	08/04/2017
NOAA	US5HA66M	10000	4	0	30/08/2017
NOAA	US5HA78M	10000	8	0	08/01/2018
NOAA	US5MA02M	10000	15	1	05/10/2019
NOAA	US5MA11M	10000	41	3	27/09/2019
NOAA	US5MA15M	10000	23	0	08/02/2018
NOAA	US5MA16M	10000	19	3	14/02/2019
NOAA	US5MA40M	10000	15	1	23/05/2019
NOAA	US5MD31M	10000	11	1	30/04/2018
NOAA	US5MD32M	10000	18	0	30/04/2018
NOAA	US5ME01M	10000	8	3	09/12/2019
NOAA	US5ME36M	10000	11	0	17/04/2019
NOAA	US5ME37M	10000	5	1	02/01/2018
NOAA	US5ME38M	10000	10	1	02/01/2018
NOAA	US5MI42M	10000	2	4	20/07/2017
NOAA	US5MI70M	10000	2	4	12/05/2017
NOAA	US5MI81M	10000	16	4	15/05/2018
NOAA	US5MI85M	10000	9	4	29/06/2018
NOAA	US5MI87M	10000	10	4	16/08/2017
NOAA	US5MI88M	10000	11	2	12/04/2017
NOAA	US5MI90M	10000	3	7	25/10/2018
NOAA	US5MN11M	10000	7	7	24/05/2018
NOAA	US5MN21M	10000	4	0	30/01/2019
NOAA	US5NJ21M	10000	10	3	28/03/2018
NOAA	US5NY12M	10000	30	3	06/04/2018
NOAA	US5NY17M	10000	13	1	11/01/2018
NOAA	US5NY1CM	10000	47	0	15/10/2019
NOAA	US5NY1DM	10000	31	7	31/10/2018
NOAA	US5NY1EM	10000	16	1	03/05/2018
NOAA	US5NY1FM	10000	16	0	03/05/2018
NOAA	US5NY1HM	10000	18	1	03/05/2018
NOAA	US5NY24M	10000	5	4	01/06/2017
NOAA	US5NY25M	10000	5	7	01/11/2017
NOAA	US5NY28M	10000	14	6	16/03/2017
NOAA	US5NY29M	10000	11	0	15/10/2018
NOAA	US5NY30M	10000	12	7	28/12/2016
NOAA	US5NY42M	10000	12	2	03/05/2018
NOAA	US5NY68M	10000	2	3	16/10/2018
NOAA	US5OH01M	10000	2	1	21/11/2017
NOAA	US5OH11M	10000	20	0	12/12/2019

NOAA	US5OH12M	10000	15	5	13/06/2018
NOAA	US5OH1AM	10000	2	1	28/11/2017
NOAA	US5OH21M	10000	14	7	02/08/2017
NOAA	US5OH40M	10000	2	1	14/02/2017
NOAA	US5OH41M	10000	1	1	14/02/2017
NOAA	US5OR44M	10000	16	22	18/07/2018
NOAA	US5OR48M	10000	7	3	29/08/2019
NOAA	US5PR12M	10000	16	0	29/05/2019
NOAA	US5PR21M	10000	16	1	05/01/2019
NOAA	US5PR32M	10000	33	0	12/09/2019
NOAA	US5PR44M	10000	11	1	27/09/2018
NOAA	US5PR53M	10000	5	0	24/06/2019
NOAA	US5PR54M	10000	8	2	25/10/2019
NOAA	US5PR58M	10000	7	0	20/08/2019
NOAA	US5PR59M	10000	9	0	24/06/2019
NOAA	US5PR62M	10000	7	0	21/06/2019
NOAA	US5PR63M	10000	7	0	14/06/2019
NOAA	US5RI24M	10000	17	1	09/03/2019
NOAA	US5RI26M	10000	16	5	09/06/2019
NOAA	US5SP03M	10000	13	4	20/07/2018
NOAA	US5SP25M	10000	3	1	08/09/2017
NOAA	US5TX23M	10000	23	2	07/09/2019
NOAA	US5TX55M	10000	38	2	20/06/2019
NOAA	US5TX56M	10000	38	3	27/03/2019
NOAA	US5TX57M	10000	34	0	25/11/2019
NOAA	US5VA09M	10000	5	4	16/06/2016
NOAA	US5VT05M	10000	5	6	20/10/2017
NOAA	US5WA01M	10000	5	4	12/08/2017
NOAA	US5WA15M	10000	26	0	31/07/2019
NOAA	US5WA20M	10000	17	4	16/08/2017
NOAA	US5WA21M	10000	14	1	25/05/2018
NOAA	US5WA24M	10000	11	1	08/11/2017
NOAA	US5WA29M	10000	14	0	20/11/2018
NOAA	US5WA33M	10000	19	2	25/02/2019
NOAA	US5WA51M	10000	23	3	27/11/2018
NOAA	US5WI21M	10000	3	4	06/07/2018
NOAA	US5WI30M	10000	18	4	05/07/2018
NOAA	US5WI31M	10000	7	4	10/05/2017
NOAA	US5WI32M	10000	5	4	02/07/2019
NOAA	US5WI33M	10000	5	4	13/09/2018
NOAA	US5WI34M	10000	5	3	17/05/2018
NOAA	US6IL1AM	10000	3	0	10/09/2019
NOAA	US6IL1BM	10000	3	8	10/01/2018
NOAA	US6IL1CM	10000	4	2	27/03/2019
NOAA	US5OH06M	8000	9	4	15/02/2017
NOAA	US6LA36M	8000	13	3	25/09/2019
NOAA	US6AK1BM	7500	3	1	19/09/2018

NOAA	US5PR52M	6500	11	0	16/10/2019
NOAA	US5AK13M	5000	2	2	24/08/2017
NOAA	US5AK55M	5000	5	0	16/01/2020
NOAA	US5CA77M	5000	20	1	19/03/2019
NOAA	US5FL67M	5000	17	4	27/02/2019
NOAA	US5HA13M	5000	4	0	28/08/2017
NOAA	US5HA14M	5000	5	1	08/02/2017
NOAA	US5HA15M	5000	4	0	28/08/2017
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NOAA	US5HA21M	5000	4	0	29/08/2017
NOAA	US5HA30M	5000	4	0	29/08/2017
NOAA	US5HA31M	5000	4	0	29/08/2017
NOAA	US5HA55M	5000	29	1	02/08/2018
NOAA	US5HA62M	5000	11	0	29/08/2017
NOAA	US5HA63M	5000	13	4	01/10/2018
NOAA	US5MA28M	5000	11	3	15/04/2019
NOAA	US5MI76M	5000	2	2	19/10/2017
NOAA	US5MI86M	5000	16	0	11/08/2018
NOAA	US5NY11M	5000	19	0	04/05/2019
NOAA	US5OR16M	5000	21	3	06/05/2018
NOAA	US5VA18M	5000	16	4	27/07/2018
NOAA	US6MA03M	5000	2	0	11/08/2017
NOAA	US6ME56M	5000	8	0	20/10/2017
NOAA	US6MI07M	5000	3	1	27/11/2018
NOAA	US6MI69M	5000	5	4	20/09/2016
NOAA	US6MI71M	5000	2	1	26/09/2017
NOAA	US6NY27M	5000	3	1	20/10/2017
NOAA	US6NY33M	5000	3	0	20/10/2017
NOAA	US6OH01M	5000	2	0	20/10/2017
NOAA	US6OH05M	5000	2	5	11/06/2017
NOAA	US6OH07M	5000	1	6	09/05/2017
NOAA	US6OH08M	5000	3	0	15/05/2018
NOAA	US6OH09M	5000	2	4	11/01/2017
NOAA	US6OH1AM	5000	1	6	30/08/2017
NOAA	US6WI01M	5000	2	0	17/01/2018
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NOAA	US6HA26M	2500	4	0	28/08/2017
NOAA	US6HA27M	2500	5	1	28/08/2017
NOAA	US6HA28M	2500	5	1	28/08/2017
NOAA	US6HA29M	2500	5	0	28/08/2017
NOAA	US6HA64M	2500	3	0	30/08/2017
NOAA	US6MI54M	2500	3	2	26/07/2018
NOAA	US6PR13M	2500	5	0	06/06/2019
NOAA	US6RI26M	2500	5	4	19/04/2017
USACE	U37AG001	5000	15	4	21/02/2019
USACE	U37AR001	5000	44	2	05/01/2019
USACE	U37AR063	5000	58	9	29/01/2019

USACE	U37AR126	5000	40	8	29/01/2019
USACE	U37AR186	5000	40	5	05/01/2019
USACE	U37AR246	5000	46	7	29/01/2019
USACE	U37AR308	5000	28	3	24/09/2019
USACE	U37AR376	5000	22	12	23/04/2018
USACE	U37AT000	5000	22	10	16/05/2016
USACE	U37AT046	5000	22	6	16/05/2016
USACE	U37BW311	5000	53	0	25/11/2019
USACE	U37CL007	5000	4	17	28/01/2015
USACE	U37CR003	5000	17	0	15/01/2020
USACE	U37CR075	5000	11	0	15/01/2020
USACE	U37CR149	5000	11	23	14/12/2016
USACE	U37CR221	5000	9	6	05/04/2016
USACE	U37CR307	5000	8	3	05/04/2016
USACE	U37GR001	5000	11	12	14/11/2018
USACE	U37IL005	5000	44	4	08/06/2019
USACE	U37IL082	5000	34	20	30/10/2017
USACE	U37IL137	5000	38	25	30/10/2017
USACE	U37IL199	5000	36	6	26/03/2019
USACE	U37IL257	5000	38	16	30/10/2017
USACE	U37IL302	5000	23	4	30/10/2017
USACE	U37KA001	5000	13	1	15/08/2018
USACE	U37KA024	5000	14	9	15/08/2018
USACE	U37KA050	5000	13	5	15/08/2018
USACE	U37KA065	5000	12	4	15/08/2018
USACE	U37KK002	5000	13	2	29/05/2018
USACE	U37LM236	5000	52	33	30/09/2016
USACE	U37LM325	5000	39	8	26/02/2019
USACE	U37LM425	5000	37	11	26/02/2019
USACE	U37LM520	5000	55	6	05/01/2019
USACE	U37LM601	5000	37	0	27/08/2019
USACE	U37LM716	5000	35	3	24/09/2019
USACE	U37LM829	5000	35	2	27/08/2019
USACE	U37MN001	5000	16	26	19/07/2016
USACE	U37MN042	5000	12	25	05/04/2016
USACE	U37MN086	5000	13	4	15/07/2016
USACE	U37MO000	5000	17	12	26/02/2018
USACE	U37MO101	5000	15	26	24/02/2016
USACE	U37MO201	5000	18	5	29/05/2019
USACE	U37MO301	5000	20	16	31/07/2017
USACE	U37MO399	5000	20	6	29/05/2019
USACE	U37MO499	5000	19	17	26/02/2018
USACE	U37MO600	5000	24	11	30/10/2018
USACE	U37OH001	5000	15	13	18/07/2016
USACE	U37OH012	5000	15	10	08/09/2018
USACE	U37OH032	5000	20	3	16/09/2019
USACE	U37OH087	5000	13	15	15/07/2015

USACE	U37OH128	5000	14	3	15/08/2018
USACE	U37OH166	5000	14	8	15/08/2018
USACE	U37OH204	5000	15	10	15/08/2018
USACE	U37OH275	5000	14	12	15/08/2018
USACE	U37OH312	5000	15	5	15/08/2018
USACE	U37OH332	5000	14	8	15/08/2018
USACE	U37OH391	5000	17	10	15/08/2018
USACE	U37OH439	5000	21	3	10/09/2019
USACE	U37OH534	5000	16	1	10/09/2019
USACE	U37OH582	5000	21	2	10/09/2019
USACE	U37OH644	5000	20	0	10/09/2019
USACE	U37OH736	5000	33	0	12/11/2019
USACE	U37OH852	5000	20	0	08/07/2019
USACE	U37OH912	5000	43	0	15/01/2020
USACE	U37OU005	5000	13	4	30/07/2018
USACE	U37OU089	5000	9	11	05/04/2015
USACE	U37OU178	5000	10	2	29/01/2019
USACE	U37OU256	5000	9	7	05/04/2015
USACE	U37RR007	5000	11	15	05/02/2016
USACE	U37RR071	5000	15	24	05/04/2015
USACE	U37RR165	5000	11	18	05/04/2015
USACE	U37TB001	5000	48	0	25/11/2019
USACE	U37TB088	5000	47	0	25/11/2019
USACE	U37TB176	5000	53	0	25/11/2019
USACE	U37TN005	5000	14	8	22/08/2018
USACE	U37TN047	5000	10	0	14/08/2019
USACE	U37TN085	5000	9	9	18/01/2017
USACE	U37TN133	5000	15	0	10/09/2019
USACE	U37TN218	5000	9	17	18/01/2017
USACE	U37TN262	5000	11	5	04/10/2019
USACE	U37TN306	5000	11	0	04/10/2019
USACE	U37TN361	5000	10	2	13/02/2019
USACE	U37TN391	5000	9	19	28/01/2015
USACE	U37TN450	5000	10	37	28/01/2015
USACE	U37TN518	5000	7	22	28/01/2015
USACE	U37TN564	5000	10	26	28/01/2015
USACE	U37TN606	5000	8	19	28/01/2015
USACE	U37TT218	5000	23	4	28/11/2017
USACE	U37TT320	5000	25	0	31/10/2019
USACE	U37TT385	5000	28	1	25/06/2019
USACE	U37UM000	5000	54	7	29/01/2019
USACE	U37UM079	5000	57	9	29/01/2019
USACE	U37UM155	5000	73	5	30/07/2019
USACE	U37UM218	5000	61	1	25/11/2019
USACE	U37UM301	5000	49	1	30/10/2019
USACE	U37UM359	5000	44	2	31/10/2019
USACE	U37UM432	5000	42	1	30/10/2019

USACE	U37UM481	5000	48	1	30/10/2019
USACE	U37UM526	5000	37	1	30/10/2019
USACE	U37UM553	5000	34	1	30/10/2019
USACE	U37UM578	5000	41	0	31/10/2019
USACE	U37UM615	5000	32	8	30/10/2018
USACE	U37UM660	5000	40	2	29/07/2019
USACE	U37UM723	5000	32	11	30/10/2018
USACE	U37UM785	5000	33	12	30/10/2018
USACE	U37UM819	5000	44	4	30/07/2019
USACE	U37WH010	5000	5	0	27/08/2019