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Supplement of

Global carbon budget 2014

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Table S1: Attribution of fCO₂ measurements for years 2012-2013 used to inform ocean data products.

Start date	End date	Regions	No. of samples	Principal Investigators	DOI (if available)
2012-07-16	2012-07-29	Arctic	12773	Hoppema, M. , and S. van Heuven	
2012-01-25	2012-03-07	Indian Ocean, Southern Oceans	6939	Metzl, N.	10.3334/CDIAC/OTG.VOS_OISO_21
2013-02-10	2013-03-09	Indian Ocean, Southern Oceans	2220	Metzl, N.	10.3334/CDIAC/OTG.VOS_OISO_22
2012-01-10	2012-01-20	North Atlantic	2989	Johannessen, T. , A. Omar, and I. Skjelvan	
2012-01-11	2012-01-11	North Atlantic	1360	Vandemark, D., J. Salisbury , R. Morrison, C. Hunt, and W. McGillis	10.3334/CDIAC/otg.TSM_UNH_GOM
2012-02-07	2012-02-07	North Atlantic	1912	Vandemark, D., J. Salisbury , R. Morrison, C. Hunt, and W. McGillis	10.3334/CDIAC/otg.TSM_UNH_GOM
2012-02-07	2012-02-17	North Atlantic	3115	Johannessen, T. , A. Omar, and I. Skjelvan	
2012-02-18	2012-02-25	North Atlantic	2693	Johannessen, T. , A. Omar, and I. Skjelvan	
2012-02-22	2012-03-01	North Atlantic	5099	Bozec, Y.	
2012-02-27	2012-03-26	North Atlantic	9360	Wanninkhof, R. , K. Sullivan, J. Hare, and C. Taylor	10.3334/CDIAC/OTG.AOML_BIGELOW_ECOAST_2011_2012
2012-02-29	2013-02-18	North Atlantic	2842	Sutton, A. , J. Mathis, C. Sabine, S. Musielewicz, and S. Maenner	10.3334/CDIAC/OTG.TSM_Crescent_64W_32N
2012-02-29	2013-03-15	North Atlantic	2888	Sutton, A. , J. Mathis, C. Sabine, S. Musielewicz, and S. Maenner	10.3334/CDIAC/OTG.TSM_Hog_Reef_64W_32N
2012-03-01	2012-03-12	North Atlantic	4867	Johannessen, T. , A. Omar, and I. Skjelvan	
2012-03-13	2012-03-19	North Atlantic	2235	Johannessen, T. , A. Omar, and I. Skjelvan	
2012-03-17	2012-03-19	North Atlantic	976	Johannessen, T. , A. Omar, and I. Skjelvan	
2012-03-17	2012-03-22	North Atlantic	6358	Steinhoff, T. , M. Becker, and A. Körtzinger	10.3334/CDIAC/OTG.VOS_Atlantic_Companion_Line_2012
2012-03-22	2012-03-29	North Atlantic	2304	Johannessen, T. , A. Omar, and I. Skjelvan	
2012-04-02	2012-05-04	North Atlantic	12318	Wanninkhof, R. , K. Sullivan, J. Hare, and C. Taylor	10.3334/CDIAC/OTG.AOML_BIGELOW_ECOAST_2011_2012
2012-04-06	2012-04-06	North Atlantic	1201	Vandemark, D., J. Salisbury , R. Morrison, C. Hunt, and W. McGillis	10.3334/CDIAC/otg.TSM_UNH_GOM
2012-04-06	2012-04-11	North Atlantic	3367	Steinhoff, T. , M. Becker, and A. Körtzinger	10.3334/CDIAC/OTG.VOS_Atlantic_Companion_Line_2012
2012-04-07	2012-04-12	North Atlantic	1572	Wanninkhof, R. , B. Huss, R. Castle	10.3334/CDIAC/OTG.VOS_EXP2012
2012-04-13	2012-04-21	North Atlantic	2994	Johannessen, T. , A. Omar, and I. Skjelvan	
2012-04-20	2012-04-26	North Atlantic	6321	Steinhoff, T. , M. Becker, and A. Körtzinger	10.3334/CDIAC/OTG.VOS_Atlantic_Companion_Line_2012
2012-04-22	2012-04-27	North Atlantic	1492	Johannessen, T. , A. Omar, and I. Skjelvan	
2012-04-25	2012-04-26	North Atlantic	419	Wanninkhof, R. , B. Huss, R. Castle	10.3334/CDIAC/OTG.VOS_EXP2012
2012-05-02	2012-05-08	North Atlantic	484	Johannessen, T. , A. Omar, and I. Skjelvan	
2012-05-05	2012-05-10	North Atlantic	1422	Wanninkhof, R. , B. Huss, R. Castle	10.3334/CDIAC/OTG.VOS_EXP2012
2012-05-11	2012-05-15	North Atlantic	4544	Steinhoff, T. , M. Becker, and A. Körtzinger	10.3334/CDIAC/OTG.VOS_Atlantic_Companion_Line_2012
2012-05-19	2012-05-24	North Atlantic	1567	Wanninkhof, R. , B. Huss, R. Castle	10.3334/CDIAC/OTG.VOS_EXP2012
2012-05-25	2012-05-31	North Atlantic	7969	Steinhoff, T. , M. Becker, and A. Körtzinger	10.3334/CDIAC/OTG.VOS_Atlantic_Companion_Line_2012
2012-05-31	2012-06-14	North Atlantic	5472	Wanninkhof, R. , K. Sullivan, J. Hare, and C. Taylor	10.3334/CDIAC/OTG.AOML_BIGELOW_ECOAST_2011_2012
2012-06-02	2012-06-07	North Atlantic	1568	Wanninkhof, R. , B. Huss, R. Castle	10.3334/CDIAC/OTG.VOS_EXP2012
2012-06-11	2012-06-11	North Atlantic	1085	Vandemark, D., J. Salisbury , R. Morrison, C. Hunt, and W. McGillis	10.3334/CDIAC/otg.TSM_UNH_GOM
2012-06-16	2012-06-21	North Atlantic	1534	Wanninkhof, R. , B. Huss, R. Castle	10.3334/CDIAC/OTG.VOS_EXP2012
2012-06-18	2012-06-28	North Atlantic	5370	Wanninkhof, R. , K. Sullivan, J. Hare, and C. Taylor	10.3334/CDIAC/OTG.AOML_BIGELOW_ECOAST_2011_2012
2012-06-29	2012-07-03	North Atlantic	6134	Steinhoff, T. , M. Becker, and A. Körtzinger	10.3334/CDIAC/OTG.VOS_Atlantic_Companion_Line_2012
2012-06-30	2012-07-05	North Atlantic	1590	Wanninkhof, R. , B. Huss, R. Castle	10.3334/CDIAC/OTG.VOS_EXP2012
2012-07-03	2012-07-03	North Atlantic	1367	Vandemark, D., J. Salisbury , R. Morrison, C. Hunt, and W. McGillis	10.3334/CDIAC/otg.TSM_UNH_GOM
2012-07-06	2012-07-18	North Atlantic	6216	Wanninkhof, R. , K. Sullivan, J. Hare, and C. Taylor	10.3334/CDIAC/OTG.AOML_BIGELOW_ECOAST_2011_2012
2012-07-14	2012-07-19	North Atlantic	1595	Wanninkhof, R. , B. Huss, R. Castle	10.3334/CDIAC/OTG.VOS_EXP2012
2012-07-16	2012-07-20	North Atlantic	6960	Steinhoff, T. , M. Becker, and A. Körtzinger	10.3334/CDIAC/OTG.VOS_Atlantic_Companion_Line_2012
2012-07-20	2012-07-27	North Atlantic	5399	Bozec, Y.	
2012-07-25	2012-08-01	North Atlantic	26	Johannessen, T. , A. Omar, and I. Skjelvan	
2012-07-28	2012-08-02	North Atlantic	1584	Wanninkhof, R. , B. Huss, R. Castle	10.3334/CDIAC/OTG.VOS_EXP2012

2012-08-02	2012-08-07	North Atlantic	6332	Steinhoff, T. , M. Becker, and A. Körtzinger	10.3334/CDIAC/OTG.VOS_Atlantic_Companion_Line_2012
2012-08-07	2012-08-24	North Atlantic	9092	Wanninkhof, R. , K. Sullivan, J. Hare, and C. Taylor	10.3334/CDIAC/OTG.AOML_BIGELOW_ECOAST_2011_2012
2012-08-19	2012-08-27	North Atlantic	4036	Wanninkhof, R. , R. D. Castle, and J. Shannahoff	10.3334/CDIAC/OTG.VOS_RB_2012
2012-08-22	2013-07-09	North Atlantic	2574	Mathis, J. , A. Sutton, C. Sabine, S. Musielewicz, and S. Maenner	10.3334/CDIAC/OTG.TSM_NH_70W_43N
2012-08-23	2012-08-24	North Atlantic	246	Johannessen, T. , A. Omar, and I. Skjelvan	
2012-08-25	2012-08-28	North Atlantic	221	Johannessen, T. , A. Omar, and I. Skjelvan	
2012-08-25	2012-08-30	North Atlantic	1602	Wanninkhof, R. , B. Huss, R. Castle	10.3334/CDIAC/OTG.VOS_EXP2012
2012-08-30	2012-09-03	North Atlantic	10930	Schuster, U.	
2012-09-05	2012-09-16	North Atlantic	412	Johannessen, T. , A. Omar, and I. Skjelvan	
2012-09-13	2012-09-13	North Atlantic	1876	Vandemark, D., J. Salisbury , R. Morrison, C. Hunt, and W. McGillis	10.3334/CDIAC/otg.TSM_UNH_GOM
2012-09-14	2012-09-14	North Atlantic	1265	Vandemark, D., J. Salisbury , R. Morrison, C. Hunt, and W. McGillis	10.3334/CDIAC/otg.TSM_UNH_GOM
2012-09-17	2012-09-18	North Atlantic	305	Johannessen, T. , A. Omar, and I. Skjelvan	
2012-09-19	2013-01-22	North Atlantic	911	Mathis, J. , A. Sutton, C. Sabine, S. Musielewicz, and S. Maenner	10.3334/CDIAC/OTG.TSM_GRAYSRF_81W_31N
2012-09-24	2012-09-30	North Atlantic	7453	Steinhoff, T. , M. Becker, and A. Körtzinger	10.3334/CDIAC/OTG.VOS_Atlantic_Companion_Line_2012
2012-09-26	2012-10-01	North Atlantic	15120	Schuster, U.	
2012-09-26	2012-10-06	North Atlantic	650	Johannessen, T. , A. Omar, and I. Skjelvan	
2012-10-07	2012-10-08	North Atlantic	237	Wanninkhof, R. , B. Huss, R. Castle	10.3334/CDIAC/OTG.VOS_EXP2012
2012-10-07	2012-10-13	North Atlantic	527	Johannessen, T. , A. Omar, and I. Skjelvan	
2012-10-10	2012-10-16	North Atlantic	6509	Steinhoff, T. , M. Becker, and A. Körtzinger	10.3334/CDIAC/OTG.VOS_Atlantic_Companion_Line_2012
2012-10-14	2012-10-21	North Atlantic	1263	Wanninkhof, R. , B. Huss, R. Castle	10.3334/CDIAC/OTG.VOS_EXP2012
2012-10-21	2012-10-28	North Atlantic	1839	Wanninkhof, R. , B. Huss, R. Castle	10.3334/CDIAC/OTG.VOS_EXP2012
2012-10-27	2012-10-30	North Atlantic	4231	Steinhoff, T. , M. Becker, and A. Körtzinger	10.3334/CDIAC/OTG.VOS_Atlantic_Companion_Line_2012
2012-10-28	2012-11-04	North Atlantic	520	Wanninkhof, R. , B. Huss, R. Castle	10.3334/CDIAC/OTG.VOS_EXP2012
2012-11-06	2012-11-06	North Atlantic	1087	Vandemark, D., J. Salisbury , R. Morrison, C. Hunt, and W. McGillis	10.3334/CDIAC/otg.TSM_UNH_GOM
2012-11-07	2012-11-17	North Atlantic	2464	Johannessen, T. , A. Omar, and I. Skjelvan	
2012-11-15	2012-11-16	North Atlantic	288	Wanninkhof, R. , B. Huss, R. Castle	10.3334/CDIAC/OTG.VOS_EXP2012
2012-11-17	2012-11-26	North Atlantic	3067	Johannessen, T. , A. Omar, and I. Skjelvan	
2012-11-28	2012-12-04	North Atlantic	1021	Johannessen, T. , A. Omar, and I. Skjelvan	
2012-11-29	2012-12-05	North Atlantic	10018	Steinhoff, T. , M. Becker, and A. Körtzinger	10.3334/CDIAC/OTG.VOS_Atlantic_Companion_Line_2012
2012-12-09	2012-12-17	North Atlantic	2791	Johannessen, T. , A. Omar, and I. Skjelvan	
2012-12-12	2012-12-13	North Atlantic	3020	Schuster, U.	
2012-12-29	2013-01-05	North Atlantic	2739	Omar, A., A. Olsen, and T. Johannessen	
2013-01-08	2013-01-13	North Atlantic	15570	Schuster, U.	
2013-02-01	2013-02-09	North Atlantic	2527	Omar, A., A. Olsen, and T. Johannessen	
2013-02-12	2013-02-16	North Atlantic	6134	Steinhoff, T. , and A. Körtzinger	
2013-02-12	2013-02-21	North Atlantic	2834	Omar, A., A. Olsen, and T. Johannessen	
2013-02-21	2013-03-01	North Atlantic	2724	Omar, A., A. Olsen, and T. Johannessen	
2013-03-05	2013-03-12	North Atlantic	2553	Omar, A., A. Olsen, and T. Johannessen	
2013-03-14	2013-05-09	North Atlantic	22913	Wanninkhof, R. , K. Sullivan, J. Hare, and C. Taylor	10.3334/CDIAC/OTG.AOML_BIGELOW_ECOAST_2013
2013-03-21	2013-03-26	North Atlantic	6894	Steinhoff, T. , and A. Körtzinger	
2013-04-15	2013-04-15	North Atlantic	1186	Vandemark, D., J. Salisbury , R. Morrison, C. Hunt, and W. McGillis	10.3334/CDIAC/otg.TSM_UNH_GOM
2013-04-16	2013-04-26	North Atlantic	3365	Omar, A., A. Olsen, and T. Johannessen	
2013-04-27	2013-05-02	North Atlantic	397	Wanninkhof, R. , B. Huss, K. Sullivan, and R. Castle	10.3334/CDIAC/OTG.VOS_EXP2013
2013-05-06	2013-05-11	North Atlantic	6362	Steinhoff, T. , and A. Körtzinger	
2013-05-21	2013-05-21	North Atlantic	1216	Vandemark, D., J. Salisbury , R. Morrison, C. Hunt, and W. McGillis	10.3334/CDIAC/otg.TSM_UNH_GOM
2013-05-29	2013-06-06	North Atlantic	2122	Omar, A., A. Olsen, and T. Johannessen	

2013-06-07	2013-06-12	North Atlantic	1312	Omar, A., A. Olsen, and T. Johannessen	
2013-06-12	2013-06-24	North Atlantic	4620	Wanninkhof, R. , K. Sullivan, J. Hare, and C. Taylor	10.3334/CDIAC/OTG.AOML_BIGELOW_ECOAST_2013
2013-06-18	2013-06-21	North Atlantic	426	Omar, A., A. Olsen, and T. Johannessen	
2013-07-01	2013-08-18	North Atlantic	16824	Wanninkhof, R. , K. Sullivan, J. Hare, and C. Taylor	10.3334/CDIAC/OTG.AOML_BIGELOW_ECOAST_2013
2013-07-10	2013-07-19	North Atlantic	300	Omar, A., A. Olsen, and T. Johannessen	
2013-07-18	2013-07-28	North Atlantic	4986	Wanninkhof, R. , R. D. Castle, and J. Shannahoff	10.3334/CDIAC/OTG.VOS_RB_2013
2013-07-19	2013-07-23	North Atlantic	1033	Omar, A., A. Olsen, and T. Johannessen	
2013-08-15	2013-08-15	North Atlantic	735	Vandemark, D., J. Salisbury , R. Morrison, C. Hunt, and W. McGillis	10.3334/CDIAC/otg.TSM_UNH_GOM
2013-09-03	2013-11-19	North Atlantic	23184	Wanninkhof, R. , K. Sullivan, J. Hare, and C. Taylor	10.3334/CDIAC/OTG.AOML_BIGELOW_ECOAST_2013
2013-09-11	2013-09-17	North Atlantic	1770	Omar, A., A. Olsen, and T. Johannessen	
2013-09-18	2013-09-24	North Atlantic	6691	Steinhoff, T. , and A. Körtzinger	
2013-10-01	2013-10-06	North Atlantic	962	Wanninkhof, R. , B. Huss, K. Sullivan, and R. Castle	10.3334/CDIAC/OTG.VOS_EXP2013
2013-10-04	2013-10-09	North Atlantic	5928	Steinhoff, T. , and A. Körtzinger	
2013-10-22	2013-10-31	North Atlantic	2814	Omar, A., A. Olsen, and T. Johannessen	
2013-10-27	2013-11-03	North Atlantic	1836	Wanninkhof, R. , B. Huss, K. Sullivan, and R. Castle	10.3334/CDIAC/OTG.VOS_EXP2013
2013-11-01	2013-11-10	North Atlantic	2232	Omar, A., A. Olsen, and T. Johannessen	
2013-11-02	2013-11-06	North Atlantic	3756	Steinhoff, T. , and A. Körtzinger	
2013-11-18	2013-11-23	North Atlantic	5878	Steinhoff, T. , and A. Körtzinger	
2013-11-22	2013-11-24	North Atlantic	360	Omar, A., A. Olsen, and T. Johannessen	
2013-11-24	2013-12-01	North Atlantic	2251	Omar, A., A. Olsen, and T. Johannessen	
2013-12-05	2013-12-11	North Atlantic	2219	Omar, A., A. Olsen, and T. Johannessen	
2013-12-22	2013-12-23	North Atlantic	309	Wanninkhof, R. , B. Huss, K. Sullivan, and R. Castle	10.3334/CDIAC/OTG.VOS_EXP2013
2013-12-28	2013-12-31	North Atlantic	1006	Omar, A., A. Olsen, and T. Johannessen	
2012-06-15	2012-07-14	North Atlantic, Arctic	28783	Hoppema, M. , and S. van Heuven	
2012-07-02	2012-07-20	North Atlantic, Arctic	8265	Omar, A., A. Olsen, and T. Johannessen	
2012-07-23	2012-08-13	North Atlantic, Arctic	7910	Omar, A., A. Olsen, and T. Johannessen	
2012-08-03	2012-10-06	North Atlantic, Arctic	63105	Hoppema, M. , and S. van Heuven	
2013-07-15	2013-08-16	North Atlantic, Arctic	2212	Kitidis, V.	10.3334/CDIAC/OTG.VOS_JCR_2013
2013-08-20	2013-08-30	North Atlantic, Arctic	3150	Omar, A., A. Olsen, and T. Johannessen	
2013-09-01	2013-09-09	North Atlantic, Arctic	3120	Omar, A., A. Olsen, and T. Johannessen	
2012-01-07	2012-01-15	North Atlantic, Tropical Atlantic	20416	Schuster, U.	
2012-01-29	2012-02-06	North Atlantic, Tropical Atlantic	2699	Wanninkhof, R. , B. Huss, R. Castle	10.3334/CDIAC/OTG.VOS_EXP2012
2012-02-05	2012-02-10	North Atlantic, Tropical Atlantic	12650	Schuster, U.	
2012-02-06	2012-02-17	North Atlantic, Tropical Atlantic	4082	Wanninkhof, R. , B. Huss, R. Castle	10.3334/CDIAC/OTG.VOS_EXP2012
2012-02-16	2012-03-05	North Atlantic, Tropical Atlantic	8951	Wanninkhof, R. , R. D. Castle, and J. Shannahoff	10.3334/CDIAC/OTG.VOS_RB_2012
2012-02-17	2012-02-27	North Atlantic, Tropical Atlantic	3988	Wanninkhof, R. , B. Huss, R. Castle	10.3334/CDIAC/OTG.VOS_EXP2012
2012-02-27	2012-03-09	North Atlantic, Tropical Atlantic	4214	Wanninkhof, R. , B. Huss, R. Castle	10.3334/CDIAC/OTG.VOS_EXP2012
2012-03-09	2012-03-19	North Atlantic, Tropical Atlantic	4127	Wanninkhof, R. , B. Huss, R. Castle	10.3334/CDIAC/OTG.VOS_EXP2012
2012-03-17	2012-03-21	North Atlantic, Tropical Atlantic	13144	Schuster, U.	
2012-03-19	2012-03-30	North Atlantic, Tropical Atlantic	4283	Wanninkhof, R. , B. Huss, R. Castle	10.3334/CDIAC/OTG.VOS_EXP2012
2012-03-30	2012-04-07	North Atlantic, Tropical Atlantic	2642	Wanninkhof, R. , B. Huss, R. Castle	10.3334/CDIAC/OTG.VOS_EXP2012
2012-04-11	2012-04-19	North Atlantic, Tropical Atlantic	18433	Schuster, U.	
2012-04-12	2012-04-21	North Atlantic, Tropical Atlantic	3510	Wanninkhof, R. , B. Huss, R. Castle	10.3334/CDIAC/OTG.VOS_EXP2012
2012-04-26	2012-05-05	North Atlantic, Tropical Atlantic	3386	Wanninkhof, R. , B. Huss, R. Castle	10.3334/CDIAC/OTG.VOS_EXP2012
2012-04-28	2012-05-06	North Atlantic, Tropical Atlantic	18194	Schuster, U.	
2012-05-09	2012-05-16	North Atlantic, Tropical Atlantic	18800	Schuster, U.	

2012-05-10	2012-05-19	North Atlantic, Tropical Atlantic	3615	<u>Wanninkhof, R.</u> , B. Huss, R. Castle	10.3334/CDIAC/OTG.VOS_EXP2012
2012-05-24	2012-06-02	North Atlantic, Tropical Atlantic	3637	<u>Wanninkhof, R.</u> , B. Huss, R. Castle	10.3334/CDIAC/OTG.VOS_EXP2012
2012-05-26	2012-06-03	North Atlantic, Tropical Atlantic	22839	<u>Schuster, U.</u>	
2012-06-07	2012-06-16	North Atlantic, Tropical Atlantic	3568	<u>Wanninkhof, R.</u> , B. Huss, R. Castle	10.3334/CDIAC/OTG.VOS_EXP2012
2012-06-21	2012-06-30	North Atlantic, Tropical Atlantic	3596	<u>Wanninkhof, R.</u> , B. Huss, R. Castle	10.3334/CDIAC/OTG.VOS_EXP2012
2012-07-03	2012-07-15	North Atlantic, Tropical Atlantic	6385	<u>Wanninkhof, R.</u> , R. D. Castle, and J. Shannahoff	10.3334/CDIAC/OTG.VOS_RB_2012
2012-07-04	2012-07-12	North Atlantic, Tropical Atlantic	18898	<u>Schuster, U.</u>	
2012-07-05	2012-07-14	North Atlantic, Tropical Atlantic	3608	<u>Wanninkhof, R.</u> , B. Huss, R. Castle	10.3334/CDIAC/OTG.VOS_EXP2012
2012-07-19	2012-07-28	North Atlantic, Tropical Atlantic	3577	<u>Wanninkhof, R.</u> , B. Huss, R. Castle	10.3334/CDIAC/OTG.VOS_EXP2012
2012-08-01	2012-08-09	North Atlantic, Tropical Atlantic	18038	<u>Schuster, U.</u>	
2012-08-02	2012-08-08	North Atlantic, Tropical Atlantic	2308	<u>Wanninkhof, R.</u> , B. Huss, R. Castle	10.3334/CDIAC/OTG.VOS_EXP2012
2012-08-16	2012-08-25	North Atlantic, Tropical Atlantic	3149	<u>Wanninkhof, R.</u> , B. Huss, R. Castle	10.3334/CDIAC/OTG.VOS_EXP2012
2012-08-30	2012-09-04	North Atlantic, Tropical Atlantic	1745	<u>Wanninkhof, R.</u> , B. Huss, R. Castle	10.3334/CDIAC/OTG.VOS_EXP2012
2012-10-24	2012-11-01	North Atlantic, Tropical Atlantic	24050	<u>Schuster, U.</u>	
2012-11-04	2012-11-15	North Atlantic, Tropical Atlantic	3438	<u>Wanninkhof, R.</u> , B. Huss, R. Castle	10.3334/CDIAC/OTG.VOS_EXP2012
2012-11-21	2012-11-29	North Atlantic, Tropical Atlantic	25485	<u>Schuster, U.</u>	
2012-12-20	2012-12-26	North Atlantic, Tropical Atlantic	19097	<u>Schuster, U.</u>	
2013-01-16	2013-01-21	North Atlantic, Tropical Atlantic	14524	<u>Schuster, U.</u>	
2013-02-02	2013-02-08	North Atlantic, Tropical Atlantic	12706	<u>Schuster, U.</u>	
2013-02-14	2013-02-21	North Atlantic, Tropical Atlantic	21740	<u>Schuster, U.</u>	
2013-03-02	2013-03-10	North Atlantic, Tropical Atlantic	26110	<u>Schuster, U.</u>	
2013-04-22	2013-04-27	North Atlantic, Tropical Atlantic	1754	<u>Wanninkhof, R.</u> , B. Huss, K. Sullivan, and R. Castle	10.3334/CDIAC/OTG.VOS_EXP2013
2013-05-02	2013-05-11	North Atlantic, Tropical Atlantic	746	<u>Wanninkhof, R.</u> , B. Huss, K. Sullivan, and R. Castle	10.3334/CDIAC/OTG.VOS_EXP2013
2013-05-04	2013-05-09	North Atlantic, Tropical Atlantic	14790	<u>Schuster, U.</u>	
2013-05-16	2013-05-25	North Atlantic, Tropical Atlantic	1095	<u>Wanninkhof, R.</u> , B. Huss, K. Sullivan, and R. Castle	10.3334/CDIAC/OTG.VOS_EXP2013
2013-05-18	2013-05-26	North Atlantic, Tropical Atlantic	23850	<u>Schuster, U.</u>	
2013-05-30	2013-06-06	North Atlantic, Tropical Atlantic	20750	<u>Schuster, U.</u>	
2013-06-15	2013-06-23	North Atlantic, Tropical Atlantic	23000	<u>Schuster, U.</u>	
2013-06-26	2013-07-04	North Atlantic, Tropical Atlantic	22820	<u>Schuster, U.</u>	
2013-07-13	2013-07-21	North Atlantic, Tropical Atlantic	23240	<u>Schuster, U.</u>	
2013-07-24	2013-08-01	North Atlantic, Tropical Atlantic	22420	<u>Schuster, U.</u>	
2013-08-03	2013-10-02	North Atlantic, Tropical Atlantic	25325	<u>Wanninkhof, R.</u> , R. D. Castle, and J. Shannahoff	10.3334/CDIAC/OTG.VOS_RB_2013
2013-08-10	2013-08-18	North Atlantic, Tropical Atlantic	22550	<u>Schuster, U.</u>	
2013-08-21	2013-08-29	North Atlantic, Tropical Atlantic	22910	<u>Schuster, U.</u>	
2013-09-07	2013-09-15	North Atlantic, Tropical Atlantic	22950	<u>Schuster, U.</u>	
2013-09-18	2013-09-27	North Atlantic, Tropical Atlantic	26010	<u>Schuster, U.</u>	
2013-10-05	2013-10-13	North Atlantic, Tropical Atlantic	23780	<u>Schuster, U.</u>	
2013-10-16	2013-10-24	North Atlantic, Tropical Atlantic	22330	<u>Schuster, U.</u>	
2013-11-02	2013-11-10	North Atlantic, Tropical Atlantic	23040	<u>Schuster, U.</u>	
2013-11-03	2013-11-14	North Atlantic, Tropical Atlantic	3847	<u>Wanninkhof, R.</u> , B. Huss, K. Sullivan, and R. Castle	10.3334/CDIAC/OTG.VOS_EXP2013
2013-11-13	2013-11-20	North Atlantic, Tropical Atlantic	20720	<u>Schuster, U.</u>	
2013-11-14	2013-11-23	North Atlantic, Tropical Atlantic	3136	<u>Wanninkhof, R.</u> , B. Huss, K. Sullivan, and R. Castle	10.3334/CDIAC/OTG.VOS_EXP2013
2013-11-23	2013-12-02	North Atlantic, Tropical Atlantic	2476	<u>Wanninkhof, R.</u> , B. Huss, K. Sullivan, and R. Castle	10.3334/CDIAC/OTG.VOS_EXP2013
2013-11-30	2013-12-08	North Atlantic, Tropical Atlantic	23980	<u>Schuster, U.</u>	
2013-12-02	2013-12-12	North Atlantic, Tropical Atlantic	3402	<u>Wanninkhof, R.</u> , B. Huss, K. Sullivan, and R. Castle	10.3334/CDIAC/OTG.VOS_EXP2013
2013-12-12	2013-12-22	North Atlantic, Tropical Atlantic	4082	<u>Wanninkhof, R.</u> , B. Huss, K. Sullivan, and R. Castle	10.3334/CDIAC/OTG.VOS_EXP2013

2012-06-14	2012-07-11	North Atlantic, Tropical Atlantic, North Pacific, Tropical Pacific	3955	<u>Nojiri, Y.</u>	10.3334/CDIAC/otg.VOS_Pyxis_Lines
2012-04-11	2012-05-14	North Atlantic, Tropical Atlantic, Southern Oceans	31606	<u>Hoppema, M.</u> , and S. van Heuven	
2012-01-16	2012-01-16	North Pacific	94	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2012
2012-01-18	2012-01-22	North Pacific	712	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2012
2012-02-02	2012-02-16	North Pacific	2032	<u>Nojiri, Y.</u>	10.3334/CDIAC/otg.VOS_Pyxis_Lines
2012-02-03	2012-02-04	North Pacific	162	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2012
2012-02-15	2012-02-15	North Pacific	85	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2012
2012-02-17	2012-02-17	North Pacific	89	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2012
2012-02-20	2012-03-01	North Pacific	3184	<u>Cosca, C.</u> , R. Feely, S. Alin, and G. Lebon	10.3334/CDIAC/otg.VOS_Bell_Shimada/BS_2012
2012-03-03	2012-03-18	North Pacific	2192	<u>Nojiri, Y.</u>	10.3334/CDIAC/otg.VOS_Pyxis_Lines
2012-03-24	2013-03-18	North Pacific	2877	<u>Mathis, J.</u> , A. Sutton, C. Sabine, S. Musielewicz, and S. Maenner	10.3334/CDIAC/otg.TSM_CCE2_121W_34N
2012-03-26	2012-03-27	North Pacific	86	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2012
2012-03-31	2012-03-31	North Pacific	91	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2012
2012-04-12	2012-04-21	North Pacific	1353	<u>Saito, S.</u> , and A. Nakadate	10.3334/CDIAC/OTG.VOS_KeifuMaru_2001_2012
2012-04-18	2012-05-01	North Pacific	1918	<u>Nojiri, Y.</u>	10.3334/CDIAC/otg.VOS_Pyxis_Lines
2012-05-02	2012-05-13	North Pacific	1504	<u>Nojiri, Y.</u>	10.3334/CDIAC/otg.VOS_Pyxis_Lines
2012-05-07	2012-05-08	North Pacific	87	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2012
2012-05-11	2012-05-11	North Pacific	83	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2012
2012-05-16	2012-05-29	North Pacific	1914	<u>Nojiri, Y.</u>	10.3334/CDIAC/otg.VOS_Pyxis_Lines
2012-05-22	2012-06-18	North Pacific	30171	<u>Ono, T.</u> , and T. Ichikawa	10.3334/CDIAC/OTG.FRA_SY2012
2012-05-26	2013-01-18	North Pacific	1964	<u>Mathis, J.</u> , A. Sutton, C. Sabine, S. Musielewicz, S. Maenner, and R. Bott	10.3334/CDIAC/otg.TSM_LaPush_125W_48N
2012-05-30	2012-06-10	North Pacific	1599	<u>Nojiri, Y.</u>	10.3334/CDIAC/otg.VOS_Pyxis_Lines
2012-06-02	2012-06-12	North Pacific	1185	<u>Saito, S.</u> , and A. Nakadate	10.3334/CDIAC/OTG.VOS_KeifuMaru_2001_2012
2012-06-15	2012-07-07	North Pacific	9030	<u>Takahashi, T.</u> , C. Sweeney, and S. C. Sutherland	10.3334/CDIAC/OTG.VOS_MG_LANGSETH_LINES
2012-06-18	2012-06-18	North Pacific	85	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2012
2012-06-22	2012-06-22	North Pacific	89	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2012
2012-06-25	2012-07-08	North Pacific	17941	<u>Ono, T.</u> , and T. Ichikawa	10.3334/CDIAC/OTG.FRA_WK2012
2012-07-12	2012-07-24	North Pacific	4805	<u>Takahashi, T.</u> , C. Sweeney, and S. C. Sutherland	10.3334/CDIAC/OTG.VOS_MG_LANGSETH_LINES
2012-07-12	2012-09-29	North Pacific	520	<u>Mathis, J.</u> , A. Sutton, C. Sabine, S. Musielewicz, and S. Maenner	10.3334/CDIAC/OTG.TSM_Dabob_122W_478N
2012-07-17	2012-07-26	North Pacific	4363	<u>Cosca, C.</u> , R. Feely, S. Alin, and G. Lebon	10.3334/CDIAC/otg.VOS_Bell_Shimada/BS_2012
2012-07-26	2012-09-10	North Pacific	4722	<u>Saito, S.</u> , and A. Nakadate	10.3334/CDIAC/OTG.VOS_Ryofu_Maru_2010_2013
2012-07-29	2012-08-06	North Pacific	1185	<u>Nojiri, Y.</u>	10.3334/CDIAC/otg.VOS_Pyxis_Lines
2012-07-30	2012-07-30	North Pacific	33	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2012
2012-07-30	2012-08-04	North Pacific	1968	<u>Takahashi, T.</u> , C. Sweeney, and S. C. Sutherland	10.3334/CDIAC/otg.VOS_CGC_Healy_Lines
2012-08-03	2012-08-03	North Pacific	88	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2012
2012-08-09	2013-09-05	North Pacific	3062	<u>Mathis, J.</u> , A. Sutton, C. Sabine, S. Musielewicz, and S. Maenner	10.3334/CDIAC/OTG.TSM_WA_125W_47N
2012-08-13	2012-08-25	North Pacific	1792	<u>Nojiri, Y.</u>	10.3334/CDIAC/otg.VOS_Pyxis_Lines
2012-08-17	2012-08-26	North Pacific	3710	<u>Takahashi, T.</u> , C. Sweeney, and S. C. Sutherland	10.3334/CDIAC/OTG.VOS_MG_LANGSETH_LINES
2012-08-27	2012-09-08	North Pacific	1745	<u>Nojiri, Y.</u>	10.3334/CDIAC/otg.VOS_Pyxis_Lines
2012-09-05	2012-09-17	North Pacific	5637	<u>Cosca, C.</u> , R. Feely, S. Alin, and G. Lebon	10.3334/CDIAC/otg.VOS_Bell_Shimada/BS_2012
2012-09-10	2012-09-10	North Pacific	87	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2012
2012-09-14	2012-09-14	North Pacific	79	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2012
2012-09-15	2012-09-28	North Pacific	1858	<u>Nojiri, Y.</u>	10.3334/CDIAC/otg.VOS_Pyxis_Lines
2012-10-06	2012-10-21	North Pacific	17804	<u>Ono, T.</u> , and T. Ichikawa	10.3334/CDIAC/OTG.FRA_WK2012
2012-10-18	2012-11-02	North Pacific	2139	<u>Nojiri, Y.</u>	10.3334/CDIAC/otg.VOS_Pyxis_Lines
2012-10-22	2012-10-23	North Pacific	92	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2012

2012-11-16	2012-12-06	North Pacific	1767	<u>Saito, S.</u> , and A. Nakadate	10.3334/CDIAC/OTG.VOS_Ryofu_Maru_2010_2013
2012-11-21	2012-12-07	North Pacific	2320	<u>Nojiri, Y.</u>	10.3334/CDIAC/otg.VOS_Pyxis_Lines
2012-12-03	2012-12-03	North Pacific	92	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2012
2012-12-07	2012-12-07	North Pacific	82	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2012
2012-12-25	2013-01-08	North Pacific	2079	<u>Nojiri, Y.</u>	10.3334/CDIAC/otg.VOS_Pyxis_Lines
2013-01-09	2013-01-21	North Pacific	1619	<u>Nojiri, Y.</u>	10.3334/CDIAC/otg.VOS_Pyxis_Lines
2013-01-25	2013-02-08	North Pacific	2065	<u>Nojiri, Y.</u>	10.3334/CDIAC/otg.VOS_Pyxis_Lines
2013-01-28	2013-01-28	North Pacific	96	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2013
2013-02-09	2013-02-21	North Pacific	1748	<u>Nojiri, Y.</u>	10.3334/CDIAC/otg.VOS_Pyxis_Lines
2013-02-25	2013-03-13	North Pacific	2328	<u>Nojiri, Y.</u>	10.3334/CDIAC/otg.VOS_Pyxis_Lines
2013-03-07	2013-09-25	North Pacific	1616	<u>Mathis, J.</u> , A. Sutton, C. Sabine, S. Musielewicz, and S. Maenner	10.3334/CDIAC/OTG.TSM_GAKOA_149W_60N
2013-03-11	2013-03-12	North Pacific	91	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2013
2013-03-29	2013-04-11	North Pacific	1917	<u>Nojiri, Y.</u>	10.3334/CDIAC/otg.VOS_Pyxis_Lines
2013-03-29	2013-08-22	North Pacific	1175	<u>Mathis, J.</u> , A. Sutton, C. Sabine, S. Musielewicz, S. Maenner, and R. Bott	10.3334/CDIAC/OTG.TSM_Southeast_AK_56N_134W
2013-03-30	2013-10-20	North Pacific	1633	<u>Mathis, J.</u> , A. Sutton, C. Sabine, S. Musielewicz, S. Maenner, and R. Bott	10.3334/CDIAC/OTG.TSM_KODIAK_152W_57N
2013-04-12	2013-04-25	North Pacific	1758	<u>Nojiri, Y.</u>	10.3334/CDIAC/otg.VOS_Pyxis_Lines
2013-04-22	2013-04-22	North Pacific	91	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2013
2013-04-24	2013-09-24	North Pacific	1811	<u>Mathis, J.</u> , A. Sutton, C. Sabine, S. Musielewicz, S. Maenner, and R. Bott	10.3334/CDIAC/otg.TSM_LaPush_125W_48N
2013-04-26	2013-04-26	North Pacific	80	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2013
2013-05-06	2013-09-14	North Pacific	1053	<u>Mathis, J.</u> , A. Sutton, C. Sabine, S. Musielewicz, S. Maenner, and R. Bott	10.3334/CDIAC/OTG.TSM_M2_164W_57N
2013-05-31	2013-06-16	North Pacific	1960	<u>Saito, S.</u> , and A. Nakadate	10.3334/CDIAC/OTG.VOS_KeifuMaru_2012_2013
2013-06-03	2013-06-04	North Pacific	99	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2013
2013-06-07	2013-06-07	North Pacific	88	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2013
2013-07-15	2013-07-15	North Pacific	95	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2013
2013-07-19	2013-07-19	North Pacific	86	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2013
2012-08-12	2012-09-27	North Pacific, Arctic	20409	<u>Takahashi, T.</u> , C. Sweeney, and S. C. Sutherland	10.3334/CDIAC/otg.VOS_CGC_Healy_Lines
2012-10-05	2012-10-24	North Pacific, Arctic	8690	<u>Takahashi, T.</u> , C. Sweeney, and S. C. Sutherland	10.3334/CDIAC/otg.VOS_CGC_Healy_Lines
2012-01-08	2012-01-24	North Pacific, Tropical Pacific	1890	<u>Saito, S.</u> , and A. Nakadate	10.3334/CDIAC/OTG.VOS_KeifuMaru_2001_2012
2012-01-11	2012-02-26	North Pacific, Tropical Pacific	4205	<u>Saito, S.</u> , and A. Nakadate	10.3334/CDIAC/OTG.VOS_Ryofu_Maru_2010_2013
2012-01-16	2012-01-30	North Pacific, Tropical Pacific	2078	<u>Nojiri, Y.</u>	10.3334/CDIAC/otg.VOS_Pyxis_Lines
2012-02-03	2012-03-22	North Pacific, Tropical Pacific	5941	<u>Saito, S.</u> , and A. Nakadate	10.3334/CDIAC/OTG.VOS_KeifuMaru_2001_2012
2012-02-11	2012-02-14	North Pacific, Tropical Pacific	440	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2012
2012-02-17	2012-03-01	North Pacific, Tropical Pacific	1891	<u>Nojiri, Y.</u>	10.3334/CDIAC/otg.VOS_Pyxis_Lines
2012-02-18	2012-02-27	North Pacific, Tropical Pacific	1284	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2012
2012-03-07	2012-03-23	North Pacific, Tropical Pacific	1918	<u>Saito, S.</u> , and A. Nakadate	10.3334/CDIAC/OTG.VOS_Ryofu_Maru_2010_2013
2012-03-20	2012-04-03	North Pacific, Tropical Pacific	2018	<u>Nojiri, Y.</u>	10.3334/CDIAC/otg.VOS_Pyxis_Lines
2012-03-27	2012-04-04	North Pacific, Tropical Pacific	3791	<u>Cosca, C.</u> , R. Feely, S. Alin, and G. Lebon	10.3334/CDIAC/otg.VOS_Bell_Shimada/BS_2012
2012-04-01	2012-04-11	North Pacific, Tropical Pacific	1441	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2012
2012-04-10	2012-05-09	North Pacific, Tropical Pacific	3351	<u>Saito, S.</u> , and A. Nakadate	10.3334/CDIAC/OTG.VOS_Ryofu_Maru_2010_2013
2012-04-16	2012-04-26	North Pacific, Tropical Pacific	9655	<u>Ono, T.</u> , and T. Ichikawa	10.3334/CDIAC/OTG.FRA_SY2012
2012-04-29	2012-05-27	North Pacific, Tropical Pacific	3263	<u>Saito, S.</u> , and A. Nakadate	10.3334/CDIAC/OTG.VOS_KeifuMaru_2001_2012
2012-05-12	2012-05-21	North Pacific, Tropical Pacific	1375	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2012
2012-05-13	2012-06-07	North Pacific, Tropical Pacific	8620	<u>Takahashi, T.</u> , C. Sweeney, and S. C. Sutherland	10.3334/CDIAC/OTG.VOS_MG_LANGSETH_LINES
2012-06-02	2012-07-12	North Pacific, Tropical Pacific	3846	<u>Saito, S.</u> , and A. Nakadate	10.3334/CDIAC/OTG.VOS_Ryofu_Maru_2010_2013
2012-06-21	2012-08-17	North Pacific, Tropical Pacific	5485	<u>Saito, S.</u> , and A. Nakadate	10.3334/CDIAC/OTG.VOS_KeifuMaru_2001_2012
2012-06-23	2012-07-02	North Pacific, Tropical Pacific	1374	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2012

2012-08-04	2012-08-15	North Pacific, Tropical Pacific	1580	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2012
2012-08-26	2012-09-10	North Pacific, Tropical Pacific	1775	<u>Saito, S.</u> , and A. Nakadate	10.3334/CDIAC/OTG.VOS_KeifuMaru_2001_2012
2012-09-15	2012-09-24	North Pacific, Tropical Pacific	1384	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2012
2012-09-29	2012-10-13	North Pacific, Tropical Pacific	1882	<u>Nojiri, Y.</u>	10.3334/CDIAC/otg.VOS_Pyxis_Lines
2012-10-24	2012-12-01	North Pacific, Tropical Pacific	3554	<u>Saito, S.</u> , and A. Nakadate	10.3334/CDIAC/OTG.VOS_KeifuMaru_2001_2012
2012-10-26	2012-11-06	North Pacific, Tropical Pacific	1644	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2012
2012-10-29	2012-11-29	North Pacific, Tropical Pacific	31251	<u>Ono, T.</u> , and T. Ichikawa	10.3334/CDIAC/OTG.FRA_SY2012
2012-11-03	2012-11-19	North Pacific, Tropical Pacific	2335	<u>Nojiri, Y.</u>	10.3334/CDIAC/otg.VOS_Pyxis_Lines
2012-12-08	2012-12-20	North Pacific, Tropical Pacific	1835	<u>Nojiri, Y.</u>	10.3334/CDIAC/otg.VOS_Pyxis_Lines
2012-12-09	2012-12-17	North Pacific, Tropical Pacific	1263	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2012
2012-12-10	2012-12-17	North Pacific, Tropical Pacific	800	<u>Saito, S.</u> , and A. Nakadate	10.3334/CDIAC/OTG.VOS_KeifuMaru_2012_2013
2013-01-07	2013-01-24	North Pacific, Tropical Pacific	1995	<u>Saito, S.</u> , and A. Nakadate	10.3334/CDIAC/OTG.VOS_KeifuMaru_2012_2013
2013-01-09	2013-02-27	North Pacific, Tropical Pacific	3990	<u>Saito, S.</u> , and A. Nakadate	10.3334/CDIAC/OTG.VOS_Ryofu_Maru_2010_2013
2013-02-01	2013-02-12	North Pacific, Tropical Pacific	1537	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2013
2013-02-03	2013-03-24	North Pacific, Tropical Pacific	4530	<u>Saito, S.</u> , and A. Nakadate	10.3334/CDIAC/OTG.VOS_KeifuMaru_2012_2013
2013-03-07	2013-03-24	North Pacific, Tropical Pacific	2084	<u>Saito, S.</u> , and A. Nakadate	10.3334/CDIAC/OTG.VOS_Ryofu_Maru_2010_2013
2013-03-14	2013-03-27	North Pacific, Tropical Pacific	1892	<u>Nojiri, Y.</u>	10.3334/CDIAC/otg.VOS_Pyxis_Lines
2013-03-15	2013-03-25	North Pacific, Tropical Pacific	1396	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2013
2013-04-11	2013-05-05	North Pacific, Tropical Pacific	1980	<u>Saito, S.</u> , and A. Nakadate	10.3334/CDIAC/OTG.VOS_KeifuMaru_2012_2013
2013-04-26	2013-05-08	North Pacific, Tropical Pacific	1430	<u>Saito, S.</u> , and A. Nakadate	10.3334/CDIAC/OTG.VOS_Ryofu_Maru_2010_2013
2013-04-27	2013-05-07	North Pacific, Tropical Pacific	1512	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2013
2013-06-08	2013-06-17	North Pacific, Tropical Pacific	1375	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2013
2013-06-21	2013-07-22	North Pacific, Tropical Pacific	3085	<u>Saito, S.</u> , and A. Nakadate	10.3334/CDIAC/OTG.VOS_Ryofu_Maru_2010_2013
2013-06-26	2013-08-27	North Pacific, Tropical Pacific	5730	<u>Saito, S.</u> , and A. Nakadate	10.3334/CDIAC/OTG.VOS_KeifuMaru_2012_2013
2013-07-20	2013-07-30	North Pacific, Tropical Pacific	1478	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2013
2013-07-31	2013-09-13	North Pacific, Tropical Pacific	4535	<u>Saito, S.</u> , and A. Nakadate	10.3334/CDIAC/OTG.VOS_Ryofu_Maru_2010_2013
2012-01-03	2012-01-15	North Pacific, Tropical Pacific, Southern Oceans	1687	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2012
2012-01-24	2012-02-05	North Pacific, Tropical Pacific, Southern Oceans	4936	<u>Cosca, C.</u> , R. Feely, S. Alin, and G. Lebon	10.3334/CDIAC/OTG.VOS_NATALIE_SCHULTE_LINES
2012-02-16	2012-02-29	North Pacific, Tropical Pacific, Southern Oceans	5898	<u>Cosca, C.</u> , R. Feely, S. Alin, and G. Lebon	10.3334/CDIAC/OTG.VOS_NATALIE_SCHULTE_LINES
2012-03-12	2012-03-25	North Pacific, Tropical Pacific, Southern Oceans	1743	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2012
2012-04-16	2012-05-03	North Pacific, Tropical Pacific, Southern Oceans	6673	<u>Cosca, C.</u> , R. Feely, S. Alin, and G. Lebon	10.3334/CDIAC/OTG.VOS_NATALIE_SCHULTE_LINES
2012-04-24	2012-05-06	North Pacific, Tropical Pacific, Southern Oceans	1724	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2012
2012-06-05	2012-06-17	North Pacific, Tropical Pacific, Southern Oceans	1806	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2012
2012-06-08	2012-06-21	North Pacific, Tropical Pacific, Southern Oceans	5745	<u>Cosca, C.</u> , R. Feely, S. Alin, and G. Lebon	10.3334/CDIAC/OTG.VOS_NATALIE_SCHULTE_LINES
2012-07-16	2012-07-29	North Pacific, Tropical Pacific, Southern Oceans	1739	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2012
2012-08-28	2012-09-09	North Pacific, Tropical Pacific, Southern Oceans	1760	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2012
2012-10-09	2012-10-21	North Pacific, Tropical Pacific, Southern Oceans	1720	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2012
2012-11-21	2012-12-02	North Pacific, Tropical Pacific, Southern Oceans	1711	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2012
2013-01-13	2013-01-26	North Pacific, Tropical Pacific, Southern Oceans	1853	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2013
2013-02-27	2013-03-10	North Pacific, Tropical Pacific, Southern Oceans	1716	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2013
2013-04-08	2013-04-20	North Pacific, Tropical Pacific, Southern Oceans	1725	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2013
2013-05-21	2013-06-02	North Pacific, Tropical Pacific, Southern Oceans	1734	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2013
2013-07-02	2013-07-14	North Pacific, Tropical Pacific, Southern Oceans	1735	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2013
2013-08-14	2013-08-25	North Pacific, Tropical Pacific, Southern Oceans	1697	<u>Nojiri, Y.</u>	10.3334/CDIAC/OTG.VOS_TF5_2013
2012-01-05	2012-02-11	Southern Oceans	37047	<u>Tilbrook, B.</u> , C. Neill, and J. Akl.	10.3334/CDIAC/OTG.VOS_AA_2012
2012-01-07	2012-01-12	Southern Oceans	3783	<u>Tilbrook, B.</u> , C. Neill, and J. Akl.	10.3334/CDIAC/OTG.VOS_AL_2012

2012-01-08	2012-03-10	Southern Oceans	61324	Hoppema, M. , and S. van Heuven	10.3334/CDIAC/OTG.VOS_AL_2012
2012-01-23	2012-01-30	Southern Oceans	4471	Tilbrook, B. , C. Neill, and J. Akl.	10.3334/CDIAC/OTG.VOS_LM_Gould_Lines
2012-02-13	2012-03-10	Southern Oceans	5165	Takahashi, T. , C. Sweeney, and S. C. Sutherland	10.3334/CDIAC/otg.VOS_LM_Gould_Lines
2012-02-15	2012-03-14	Southern Oceans	22626	Tilbrook, B. , C. Neill, and J. Akl.	10.3334/CDIAC/OTG.VOS_AA_2012
2012-02-18	2012-02-25	Southern Oceans	5270	Tilbrook, B. , C. Neill, and J. Akl.	10.3334/CDIAC/OTG.VOS_AL_2012
2012-03-02	2012-03-06	Southern Oceans	3868	Tilbrook, B. , C. Neill, and J. Akl.	10.3334/CDIAC/OTG.VOS_AL_2012
2012-03-13	2012-04-17	Southern Oceans	13582	Takahashi, T. , C. Sweeney, and S. C. Sutherland	10.3334/CDIAC/otg.VOS_NB_Palmer_Lines
2012-03-17	2012-04-14	Southern Oceans	21211	Tilbrook, B. , C. Neill, and J. Akl.	10.3334/CDIAC/OTG.VOS_AA_2012
2012-03-18	2012-04-02	Southern Oceans	3598	Takahashi, T. , C. Sweeney, and S. C. Sutherland	10.3334/CDIAC/otg.VOS_LM_Gould_Lines
2012-03-18	2012-04-08	Southern Oceans	20946	Hoppema, M. , and S. van Heuven	
2012-04-09	2012-04-27	Southern Oceans	3497	Takahashi, T. , C. Sweeney, and S. C. Sutherland	10.3334/CDIAC/otg.VOS_LM_Gould_Lines
2012-04-11	2012-04-15	Southern Oceans	1772	Tilbrook, B. , C. Neill, and J. Akl.	10.3334/CDIAC/OTG.VOS_SS_2012
2012-04-16	2012-05-01	Southern Oceans	5357	Tilbrook, B. , C. Neill, and J. Akl.	10.3334/CDIAC/OTG.VOS_AA_2012
2012-05-03	2012-05-30	Southern Oceans	4216	Takahashi, T. , C. Sweeney, and S. C. Sutherland	10.3334/CDIAC/otg.VOS_LM_Gould_Lines
2012-06-07	2012-06-22	Southern Oceans	2688	Takahashi, T. , C. Sweeney, and S. C. Sutherland	10.3334/CDIAC/otg.VOS_LM_Gould_Lines
2012-07-11	2012-07-24	Southern Oceans	10369	Tilbrook, B. , C. Neill, and J. Akl.	10.3334/CDIAC/OTG.VOS_SS_2012
2012-07-14	2012-09-24	Southern Oceans	577	Sutton, A. , J. Mathis, C. Sabine, S. Musielewicz, and S. Maenner	10.3334/CDIAC/OTG.TSM_SOFS_142W_465
2012-08-03	2012-08-15	Southern Oceans	3877	Takahashi, T. , C. Sweeney, and S. C. Sutherland	10.3334/CDIAC/otg.VOS_NB_Palmer_Lines
2012-08-31	2012-09-05	Southern Oceans	1637	Takahashi, T. , C. Sweeney, and S. C. Sutherland	10.3334/CDIAC/otg.VOS_NB_Palmer_Lines
2012-09-17	2012-11-15	Southern Oceans	59272	Tilbrook, B. , C. Neill, and J. Akl.	10.3334/CDIAC/OTG.VOS_AA_2012
2012-09-19	2012-10-03	Southern Oceans	2945	Takahashi, T. , C. Sweeney, and S. C. Sutherland	10.3334/CDIAC/otg.VOS_LM_Gould_Lines
2012-10-11	2012-10-15	Southern Oceans	1581	Takahashi, T. , C. Sweeney, and S. C. Sutherland	10.3334/CDIAC/otg.VOS_LM_Gould_Lines
2012-10-23	2012-10-28	Southern Oceans	3119	Tilbrook, B. , C. Neill, and J. Akl.	10.3334/CDIAC/OTG.VOS_AL_2013
2012-11-05	2012-11-22	Southern Oceans	2986	Takahashi, T. , C. Sweeney, and S. C. Sutherland	10.3334/CDIAC/otg.VOS_LM_Gould_Lines
2012-11-15	2013-01-02	Southern Oceans	367	Kitidis, V.	10.3334/CDIAC/OTG.VOS_JCR_2013
2012-11-18	2012-11-22	Southern Oceans	3050	Tilbrook, B. , C. Neill, and J. Akl.	10.3334/CDIAC/OTG.VOS_AL_2013
2012-11-18	2012-12-14	Southern Oceans	23322	Tilbrook, B. , C. Neill, and J. Akl.	10.3334/CDIAC/OTG.VOS_AA_2012
2012-12-17	2013-01-07	Southern Oceans	22758	Tilbrook, B. , C. Neill, and J. Akl.	10.3334/CDIAC/OTG.VOS_AA_2012
2012-12-31	2013-02-06	Southern Oceans	13005	Sweeney, C., T. Takahashi , T. Newberger, and D. Munro	10.3334/CDIAC/OTG.VOS_LMG_NOAA_2013
2013-01-09	2013-01-11	Southern Oceans	27	Kitidis, V.	10.3334/CDIAC/OTG.VOS_JCR_2013
2013-01-10	2013-01-15	Southern Oceans	3819	Tilbrook, B. , C. Neill, and J. Akl.	10.3334/CDIAC/OTG.VOS_AL_2013
2013-01-13	2013-01-27	Southern Oceans	15015	Tilbrook, B. , C. Neill, and J. Akl.	10.3334/CDIAC/OTG.VOS_AA_2013
2013-01-26	2013-01-31	Southern Oceans	3682	Tilbrook, B. , C. Neill, and J. Akl.	10.3334/CDIAC/OTG.VOS_AL_2013
2013-02-13	2013-02-24	Southern Oceans	2370	Sweeney, C., T. Takahashi , T. Newberger, and D. Munro	10.3334/CDIAC/OTG.VOS_LMG_NOAA_2013
2013-02-19	2013-02-25	Southern Oceans	3917	Tilbrook, B. , C. Neill, and J. Akl.	10.3334/CDIAC/OTG.VOS_AL_2013
2013-02-26	2013-03-04	Southern Oceans	4104	Tilbrook, B. , C. Neill, and J. Akl.	10.3334/CDIAC/OTG.VOS_AL_2013
2013-02-26	2013-03-13	Southern Oceans	83	Kitidis, V.	10.3334/CDIAC/OTG.VOS_JCR_2013
2013-02-27	2013-03-14	Southern Oceans	16461	Tilbrook, B. , C. Neill, and J. Akl.	10.3334/CDIAC/OTG.VOS_AA_2013
2013-03-11	2013-04-07	Southern Oceans	4797	Sweeney, C., T. Takahashi , T. Newberger, and D. Munro	10.3334/CDIAC/OTG.VOS_LMG_NOAA_2013
2013-03-18	2013-04-27	Southern Oceans	798	Kitidis, V.	10.3334/CDIAC/OTG.VOS_JCR_2013
2013-04-13	2013-05-05	Southern Oceans	4808	Sweeney, C., T. Takahashi , T. Newberger, and D. Munro	10.3334/CDIAC/OTG.VOS_LMG_NOAA_2013
2013-05-12	2013-05-24	Southern Oceans	3670	Sweeney, C., T. Takahashi , T. Newberger, and D. Munro	10.3334/CDIAC/OTG.VOS_LMG_NOAA_2013
2013-06-01	2013-07-05	Southern Oceans	4438	Sweeney, C., T. Takahashi , T. Newberger, and D. Munro	10.3334/CDIAC/OTG.VOS_LMG_NOAA_2013
2013-09-14	2013-09-26	Southern Oceans	3974	Sweeney, C., T. Takahashi , T. Newberger, and D. Munro	10.3334/CDIAC/OTG.VOS_LMG_NOAA_2013
2013-10-05	2013-10-22	Southern Oceans	2669	Sweeney, C., T. Takahashi , T. Newberger, and D. Munro	10.3334/CDIAC/OTG.VOS_LMG_NOAA_2013
2013-10-28	2013-11-15	Southern Oceans	4428	Sweeney, C., T. Takahashi , T. Newberger, and D. Munro	10.3334/CDIAC/OTG.VOS_LMG_NOAA_2013

2013-11-10	2013-12-15	Southern Oceans	35682	Hoppema, M. , and S. van Heuven	
2013-11-23	2013-12-19	Southern Oceans	8790	Sweeney, C., T. Takahashi , T. Newberger, and D. Munro	10.3334/CDIAC/OTG.VOS_LMG_NOAA_2013
2013-12-21	2014-03-01	Southern Oceans	71817	Johannessen, T. , A. Omar, and I. Skjelvan	
2012-12-10	2014-02-24	Tropical Atlantic	3534	Sutton, A. , J. Mathis, C. Sabine, S. Musielewicz, and S. Maenner	10.3334/CDIAC/OTG.CHEECA_80W_25N
2013-05-02	2013-06-16	Tropical Atlantic, Southern Oceans	2338	Kitidis, V.	10.3334/CDIAC/OTG.VOS_JCR_2013
2013-12-24	2014-02-04	Tropical Atlantic, Southern Oceans	21025	Wanninkhof, R. , R. D. Castle, and J. Shannahoff	10.3334/CDIAC/OTG.VOS_RB_2013
2012-04-18	2012-08-30	Tropical Pacific	1076	Sutton, A. , J. Mathis, C. Sabine, S. Musielewicz, and S. Maenner	10.3334/CDIAC/OTG.TSM_ALAWAI_158W_21N
2012-04-20	2012-04-29	Tropical Pacific	6347	Tilbrook, B. , C. Neill, and J. Akl.	10.3334/CDIAC/OTG.VOS_SS_2012
2012-05-02	2012-05-09	Tropical Pacific	4746	Tilbrook, B. , C. Neill, and J. Akl.	10.3334/CDIAC/OTG.VOS_SS_2012
2012-05-13	2012-06-04	Tropical Pacific	13723	Tilbrook, B. , C. Neill, and J. Akl.	10.3334/CDIAC/OTG.VOS_SS_2012
2012-08-28	2012-09-02	Tropical Pacific	1710	Takahashi, T. , C. Sweeney, and S. C. Sutherland	10.3334/CDIAC/otg.VOS_LM_Gould_Lines
2012-02-27	2012-03-11	Tropical Pacific, Southern Oceans	1442	Nojiri, Y.	10.3334/CDIAC/OTG.VOS_TF5_2012
2012-04-11	2012-04-23	Tropical Pacific, Southern Oceans	1296	Nojiri, Y.	10.3334/CDIAC/OTG.VOS_TF5_2012
2012-05-22	2012-06-03	Tropical Pacific, Southern Oceans	1365	Nojiri, Y.	10.3334/CDIAC/OTG.VOS_TF5_2012
2012-06-08	2012-06-17	Tropical Pacific, Southern Oceans	6006	Tilbrook, B. , C. Neill, and J. Akl.	10.3334/CDIAC/OTG.VOS_SS_2012
2012-07-03	2012-07-15	Tropical Pacific, Southern Oceans	1359	Nojiri, Y.	10.3334/CDIAC/OTG.VOS_TF5_2012
2012-08-15	2012-08-27	Tropical Pacific, Southern Oceans	1352	Nojiri, Y.	10.3334/CDIAC/OTG.VOS_TF5_2012
2012-09-25	2012-10-07	Tropical Pacific, Southern Oceans	1340	Nojiri, Y.	10.3334/CDIAC/OTG.VOS_TF5_2012
2012-11-07	2012-11-19	Tropical Pacific, Southern Oceans	1295	Nojiri, Y.	10.3334/CDIAC/OTG.VOS_TF5_2012
2012-12-18	2013-01-11	Tropical Pacific, Southern Oceans	1389	Nojiri, Y.	10.3334/CDIAC/OTG.VOS_TF5_2012
2013-02-12	2013-02-25	Tropical Pacific, Southern Oceans	1414	Nojiri, Y.	10.3334/CDIAC/OTG.VOS_TF5_2013
2013-03-25	2013-04-07	Tropical Pacific, Southern Oceans	1446	Nojiri, Y.	10.3334/CDIAC/OTG.VOS_TF5_2013
2013-05-08	2013-05-20	Tropical Pacific, Southern Oceans	1359	Nojiri, Y.	10.3334/CDIAC/OTG.VOS_TF5_2013
2013-06-18	2013-07-01	Tropical Pacific, Southern Oceans	1436	Nojiri, Y.	10.3334/CDIAC/OTG.VOS_TF5_2013
2013-07-30	2013-08-12	Tropical Pacific, Southern Oceans	1370	Nojiri, Y.	10.3334/CDIAC/OTG.VOS_TF5_2013
