

Nanomolar nitrate (NO3+NO2) and phosphate measurements from CTD casts during D326

Values in blue indicate phosphate measurements that are approximate due to an instrument fault.

Cast	Lat. (°N)	Long. (°E)	Date	Time	Bottle No.	Pressure (dm)	Nitrate (nM)	stdev (nM)	n (NO3/2)	Phosphate (nM)	stdev (nM)	n (PO4)
16386A	24.50057	-19.63337	07/01/2008	1:45:39 PM	19		10.3			110.1061224	1.281253376	1
16386A	24.50057	-19.63337	07/01/2008	1:47:45 PM	21	3.3	588.3887043	9.381296366	1	110.1061224	1.281253376	1
16387A	25.15419	-22.22661	08/01/2008	6:55:15 AM	5		153.6			103.3918367	1.26218907	1
16387A	25.15419	-22.22661	08/01/2008	6:57:47 AM	7	117.9	290.7142857	5.735711013	1	204.16734694	1.56026921	1
16387A	25.15419	-22.22661	08/01/2008	6:59:55 AM	11	102.3	23.87043189	4.920918872	1	8.473460388	1.173150008	1
16387A	25.15419	-22.22661	08/01/2008	7:01:42 AM	13	77.2	12.87375415	4.968250419	1	12.55510204	1.167282912	1
16387A	25.15419	-22.22661	08/01/2008	7:03:30 AM	15	52.8	12.84053156	4.9684027	1	12.96326531	1.166742862	1
16387A	25.15419	-22.22661	08/01/2008	7:04:55 AM	17	32.1	12.49169435	3.760335983	2	9.902040816	0.828023316	2
16387A	25.15419	-22.22661	08/01/2008	7:06:40 AM	19	12.3	12.10963455	4.971766881	1	43.5755102	1.151035362	1
16387A	25.15419	-22.22661	08/01/2008	7:07:47 AM	21	6.6	12.74086379	4.968859875	1	46.84081633	1.152290971	1
16389A	25.5917	-24.10163	08/01/2008	8:14:43 PM	9	103.8	259.7508306	5.469603966	1	30.54128571	1.151683589	1
16389A	25.5917	-24.10163	08/01/2008	8:17:28 PM	13	80.4	12.94019934	4.967946024	1	13.77959184	1.165687731	1
16389A	25.5917	-24.10163	08/01/2008	8:19:25 PM	15	55.2	12.57475083	4.969622294	1	19.08571429	1.159665363	1
16389A	25.5917	-24.10163	08/01/2008	8:21:19 PM	17	35.2	13.73754153	4.964310573	1	24.39183673	1.155105424	1
16389A	25.5917	-24.10163	08/01/2008	8:23:38 PM	19	15.0	14.06976744	4.962805236	1	27.65714286	1.153033946	1
16389A	25.5917	-24.10163	08/01/2008	8:25:16 PM	21	2.4	13.8538206	3.760335983	2	30.92244898	0.814251841	2
16390A	25.95051	-25.59535	09/01/2008	7:03:52 AM	13	83.4	22.84053156	3.760335983	2	4.187755102	0.834535162	2
16390A	25.95051	-25.59535	09/01/2008	7:05:31 AM	15	52.8	50.84717608	4.831572822	1	12.55510204	1.167282912	1
16390A	25.95051	-25.59535	09/01/2008	7:07:03 AM	17	33.8	28.35548173	3.760335983	2	4.187755102	0.834535162	2
16390A	25.95051	-25.59535	09/01/2008	7:08:29 AM	19	13.7	14.10299003	4.962655008	1	4.8	1.179145537	1
16390A	25.95051	-25.59535	09/01/2008	7:09:42 AM	21	5.6	14.43521595	4.961155783	1	5.208163265	1.178446239	1
16391A	26.1572	-26.4021	09/01/2008	3:39:45 PM	14	80.3	14.00332226	4.963105859	1	6.426353601	1.176397894	1
16391A	26.1572	-26.4021	09/01/2008	3:43:38 PM	16	50.7	14.16943522	4.962354718	1	7.248979592	1.175073766	1
16391A	26.1572	-26.4021	09/01/2008	3:46:10 PM	18	30.5	32.17607973	4.889299724	1	7.248979592	1.175073766	1
16391A	26.1572	-26.4021	09/01/2008	3:49:05 PM	20	9.5	14.13621262	4.962504835	1	0.065306122	1.173782918	1
16391A	26.1572	-26.4021	09/01/2008	3:50:41 PM	22	5.7	14.43521595	4.961155783	1	7.248979592	1.175073766	1
16392A	26.7642	-28.93854	10/01/2008	7:00:48 AM	15	52.8	5.039568345	2.064831068	1	2.660305344	0.871987448	1
16392A	26.7642	-28.93854	10/01/2008	7:02:02 AM	17	32.2	4.571942446	2.060587709	1	2.278625954	0.872701171	1
16392A	26.7642	-28.93854	10/01/2008	7:03:54 AM	19	12.4	7.089928058	2.064505713	1	2.660305344	0.871987448	1
16392A	26.7642	-28.93854	10/01/2008	7:05:06 AM	21	7.8	4.14028777	2.066811079	1	2.660305344	0.871987448	1
16393A	26.90761	-29.51469	10/01/2008	5:07:53 PM	5	151.3	515.1834532	0.067607581	1	31.28625954	0.838895925	1
16393A	26.90761	-29.51469	10/01/2008	5:09:30 PM	7	121.3	7.59352518	2.059337795	1	3.041984733	0.871280546	1
16393A	26.90761	-29.51469	10/01/2008	5:12:27 PM	12	100.3	6.802158273	2.061019325	1	3.423664122	0.870580481	1
16393A	26.90761	-29.51469	10/01/2008	5:14:11 PM	14	75.3	6.154676259	2.062409904	1	3.423664122	0.870580481	1
16393A	26.90761	-29.51469	10/01/2008	5:15:46 PM	16	49.7	6.298561151	2.062099038	1	3.041984733	0.871280546	1
16393A	26.90761	-29.51469	10/01/2008	5:17:22 PM	18	30.0	8.672661871	2.057074739	1	3.041984733	0.871280546	1
16393A	26.90761	-29.51469	10/01/2008	5:18:50 PM	20	10.2	6.190647482	2.06233138	1	3.805343511	0.86988727	1
16393A	26.90761	-29.51469	10/01/2008	5:20:21 PM	22	5.1	7.23381295	2.060099827	1	3.041984733	0.871280546	1
16394A	25.66566	-28.79835	11/01/2008	6:47:38 AM	3		203.7			171.6221374	3.238485793	1
16394A	25.66566	-28.79835	11/01/2008	6:49:52 AM	5		162.7			56.73664122	1.608915082	1
16394A	25.66566	-28.79835	11/01/2008	6:51:52 AM	7	132.3	12.0224359	1.840821089	1	2.538167939	1.627085128	1
16394A	25.66566	-28.79835	11/01/2008	6:54:09 AM	11	102.9	6.894230769	1.847543108	1	2.538167939	1.627085128	1
16394A	25.66566	-28.79835	11/01/2008	6:55:52 AM	13	77.9	6.894230769	1.847543108	1	2.15648855	1.628186776	1
16394A	25.66566	-28.79835	11/01/2008	6:57:52 AM	15	52.6		7.375		2.919847328	1.625996377	1
16394A	25.66566	-28.79835	11/01/2008	7:00:13 AM	17	32.4	8.400641026	1.845505495	1	2.919847328	1.625996377	1
16394A	25.66566	-28.79835	11/01/2008	7:02:10 AM	19	12.1	6.733974359	1.847762949	1	2.538167939	1.627085128	1
16394A	25.66566	-28.79835	11/01/2008	7:03:19 AM	21	6.4	7.086538462	1.847780078	1	2.919847328	1.625996377	1
16395A	25.08151	-28.4862	11/01/2008	4:21:13 PM	4	152.1				186.5076336	2.466390616	1
16395A	25.08151	-28.4862	11/01/2008	4:23:08 PM	6	120.6	90.99679487	1.816974633	1	14.370222901	1.599448986	1
16395A	25.08151	-28.4862	11/01/2008	4:26:43 PM	11	100.0	8.432692308	1.845462709	1	7.881679389	1.613027605	1
16395A	25.08151	-28.4862	11/01/2008	4:28:54 PM	13	75.7	7.118589744	1.847736323	1	7.881679389	1.613027605	1
16395A	25.08151	-28.4862	11/01/2008	4:32:27 PM	15	50.8	7.022435897	1.847367766	1	8.263357781	1.612122007	1
16395A	25.08151	-28.4862	11/01/2008	4:34:31 PM	17	31.2	6.926282051	1.847499211	1	7.881679389	1.613027605	1
16395A	25.08151	-28.4862	11/01/2008	4:36:54 PM	19	11.4	6.733974359	1.847762949	1	8.61638168	1.612122968	1
16395A	25.08151	-28.4862	11/01/2008	4:38:21 PM	21	4.9	7.668040293	0.874734628	7	8.454198473	0.657963906	6
16396A	23.39741	-27.5102	12/01/2008	6:54:10 AM	5	152.8				45.67175573	0.984801531	1
16396A	23.39741	-27.5102	12/01/2008	6:56:58 AM	7	122.5	10.27300613	1.410276437	1	6.740458015	0.991165046	1
16396A	23.39741	-27.5102	12/01/2008	6:59:27 AM	11	102.2	10.08895706	0.997374114	2	6.93129771	0.970734231	2
16396A	23.39741	-27.5102	12/01/2008	7:01:20 AM	13	77.4	8.463190184	0.998789983	2	6.954618321	0.970096819	2
16396A	23.39741	-27.5102	12/01/2008	7:03:45 AM	15	52.5	7.819018405	1.413307326	1	5.595419847	0.99262114	1
16396A	23.39741	-27.5102	12/01/2008	7:06:10 AM	17	32.2	7.665644172	1.413500478	1	10.17557252	0.988179907	1
16396A	23.39741	-27.5102	12/01/2008	7:08:05 AM	19	11.8	7.634969325	1.057803759	2	10.9389313	0.987591914	1
16396A	23.39741	-27.5102	12/01/2008	7:10:26 AM	21	4.9	7.634969325	1.057803759	2	10.55725191	0.698536325	2
16397A	22.83058	-27.19656	12/01/2008	3:15:45 PM	5	151.8				126.9694856	1.152511046	1
16397A	22.83058	-27.19656	12/01/2008	3:18:05 PM	7	120.9	415.7944785	2.275861261	1	34.22137405	0.980381272	1
16397A	22.83058	-27.19656	12/01/2008	3:20:52 PM	11	100.7	42.05214724	1.381242662	1	22.77099237	0.981214326	1
16397A	22.83058	-27.19656	12/01/2008	3:23:14 PM	13	77.7	9.720858896	1.410948957	1	23.53435115	0.98089517	1
16397A	22.83058	-27.19656	12/01/2008	3:26:26 PM	15	50.2	8.923312883	1.41192954	1	23.91603053	0.980894341	1
16397A	22.83058	-27.19656	12/01/2008	3:28:56 PM	17	30.4	8.340490798	1.412653878	1	23.91603053	0.980894341	1
16397A	22.83058	-27.19656	12/01/2008	3:31:10 PM	19	9.8	8.493865031	1.412462665	1	23.91603053	0.980894341	1
16397A	22.83058	-27.19656	12/01/2008	3:32:33 PM	21	4.9	8.463190184	1.412500081	1	25.0610687	0.980626877	1
16398A	20.916	-26.11924	13/01/2008	6:51:53 AM	7	112.5				140.572549	1.155417428	1
16398A	20.916	-26.11924	13/01/2008	6:53:33 AM	9	97.6				102.9294118	1.039925576	1
16398A	20.916	-26.11924	13/01/2008	6:55:47 AM	13	72.2	13.21069182	1.285267007	1	58.42352941	0.958637527	1
16398A	20.916	-26.11924	13/01/2008	6:57:56 AM	15	52.3	11.38679245	1.287166947	1	57.09019608	0.957295271	1
16398A	20.916	-26.11924	13/01/2008	6:59:41 AM	17	32.6	9.468553459	1.289227309	1	57.2745098	0.957476777	1
16398A	20.916	-26.11924	13/01/2008	7:02:09 AM	19	12.1	9.940251572	1.288714771	1	57.0627451	0.957268349	1