

194001

TPR OR-0184B



Transglobal Exploration & Geoscience
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BASS BASIN - T/22P

APPENDIX II

TEG Light Hydrocarbon and CTD Data - Bass Basin Block T/22P

line	shot	date	time	methane	ethane	ethylene	propane	propylene	ibutane	nbutane	CO2	salinity	temp(C)	height(m)	depth(m)	latitude	longitude	% wetness
bass1	1	02/03/89	20:45:16	7.42	0.013	0.109	0.017	0.045	0.000	0.006	6030.0	33.81	18.15	16	45.2	40 28.461	147 21.178	0.00
bass1	2	02/03/89	20:47:04	7.50	0.019	0.134	0.024	0.076	0.000	0.000	6024.3	33.88	18.12	16	45.1	40 28.276	147 20.991	0.01
bass1	3	02/03/89	20:49:00	7.50	0.016	0.136	0.025	0.070	0.000	0.000	6020.5	33.74	18.12	16	45.2	40 28.250	147 20.750	0.01
bass1	4	02/03/89	20:51:08	7.50	0.026	0.134	0.025	0.067	0.000	0.000	6021.6	33.81	18.11	16	45.2	40 28.228	147 20.605	0.01
bass1	5	02/03/89	20:52:59	7.59	0.013	0.106	0.022	0.050	0.001	0.000	6047.4	33.74	18.13	16	49.3	40 28.415	147 20.300	0.00
bass1	6	02/03/89	20:57:05	7.52	0.015	0.105	0.033	0.041	0.000	0.000	6094.5	33.74	18.10	16	50.4	40 28.606	147 20.012	0.01
bass1	7	02/03/89	20:58:26	7.57	0.027	0.133	0.024	0.047	0.002	0.000	6094.5	33.74	18.06	15	51.6	40 28.793	147 19.671	0.01
bass1	8	02/03/89	21:01:08	7.58	0.012	0.105	0.026	0.028	0.000	0.000	6074.0	33.74	18.01	15	51.3	40 28.875	147 19.519	0.00
bass1	9	02/03/89	21:02:35	7.48	0.021	0.129	0.024	0.048	0.000	0.000	6096.4	33.74	18.01	9	51.7	40 29.041	147 19.200	0.01
bass1	10	02/03/89	21:05:13	7.57	0.015	0.104	0.028	0.040	0.000	0.000	6133.3	33.74	18.00	9	51.5	40 29.134	147 19.017	0.01
bass1	11	02/03/89	21:06:40	7.53	0.021	0.133	0.024	0.053	0.000	0.000	6132.7	33.74	17.97	9	51.4	40 29.299	147 18.695	0.01
bass1	12	02/03/89	21:09:18	7.55	0.015	0.104	0.031	0.040	0.000	0.000	6156.0	33.67	17.90	9	50.7	40 29.332	147 18.604	0.01
bass1	13	02/03/89	21:10:44	7.53	0.022	0.131	0.024	0.052	0.000	0.000	6111.7	33.60	17.90	9	50.8	40 29.427	147 18.514	0.01
bass1	14	02/03/89	21:12:00	7.55	0.020	0.135	0.030	0.051	0.000	0.000	6111.7	33.60	18.01	9	50.6	40 29.525	147 18.423	0.01
bass1	15	02/03/89	21:14:48	7.59	0.018	0.147	0.020	0.049	0.000	0.000	6122.7	33.60	18.15	9	50.5	40 29.629	147 18.115	0.00
bass1	16	02/03/89	21:16:39	7.48	0.014	0.104	0.016	0.045	0.000	0.000	6073.2	33.67	18.02	9	50.1	40 29.764	147 17.845	0.00
bass1	17	02/03/89	21:18:52	7.51	0.020	0.129	0.021	0.038	0.000	0.000	6047.2	33.53	17.87	9	54.9	40 29.879	147 17.620	0.01
bass1	18	02/03/89	21:20:43	7.47	0.014	0.103	0.019	0.036	0.000	0.000	6097.8	33.60	17.90	18	54.4	40 30.013	147 17.349	0.00
bass1	19	02/03/89	21:22:56	7.50	0.025	0.134	0.019	0.038	0.000	0.000	6169.2	33.60	17.89	18	54.5	40 30.128	147 17.124	0.01
bass1	20	02/03/89	21:24:48	7.43	0.014	0.104	0.032	0.039	0.000	0.000	6152.7	33.53	17.99	18	54.8	40 30.250	147 16.800	0.01
bass1	21	02/03/89	21:28:51	7.51	0.013	0.104	0.039	0.036	0.000	0.000	6134.7	33.60	17.95	13	54.5	40 30.461	147 16.447	0.01
bass1	22	02/03/89	21:30:15	7.52	0.024	0.131	0.022	0.043	0.000	0.000	6155.5	33.60	17.94	13	54.7	40 30.628	147 16.119	0.01
bass1	23	02/03/89	21:32:56	7.52	0.013	0.103	0.034	0.038	0.000	0.000	6206.5	33.60	17.90	13	53.7	40 30.712	147 15.954	0.01
bass1	24	02/03/89	21:34:17	7.52	0.019	0.130	0.019	0.043	0.000	0.000	6206.5	33.60	17.94	9	51.3	40 30.893	147 15.606	0.01
bass1	25	02/03/89	21:37:00	7.53	0.013	0.102	0.030	0.035	0.000	0.000	6185.1	33.46	17.96	9	51.1	40 31.050	147 15.106	0.01
bass1	26	02/03/89	21:41:05	7.52	0.014	0.103	0.036	0.036	0.000	0.000	6203.8	33.53	17.99	9	48.4	40 31.259	147 14.883	0.01
bass1	27	02/03/89	21:42:56	7.39	0.018	0.128	0.012	0.041	0.000	0.000	6179.6	33.53	17.95	9	49.1	40 31.391	147 14.614	0.00
bass1	28	02/03/89	21:45:09	7.51	0.014	0.103	0.032	0.038	0.000	0.000	6162.6	33.60	17.93	9	47.0	40 31.518	147 14.363	0.01
bass1	29	02/03/89	21:47:00	7.27	0.025	0.130	0.020	0.046	0.000	0.000	6181.8	33.60	17.93	9	47.0	40 31.657	147 14.095	0.01
bass1	30	02/03/89	21:49:12	7.49	0.014	0.105	0.028	0.035	0.000	0.000	6203.2	33.53	17.93	9	47.0	40 31.859	147 13.938	0.01
bass1	31	02/03/89	21:51:05	7.29	0.022	0.133	0.022	0.048	0.000	0.000	6158.6	33.60	17.89	9	46.9	40 31.986	147 13.665	0.01
bass1	32	02/03/89	21:53:16	7.51	0.015	0.104	0.033	0.037	0.000	0.000	6160.6	33.60	17.84	9	46.5	40 32.200	147 13.165	0.01
bass1	34	02/03/89	21:59:12	7.51	0.016	0.119	0.020	0.046	0.000	0.000	6165.4	33.53	17.90	9	47.0	40 32.473	147 12.680	0.00
bass1	35	02/03/89	22:01:00	7.48	0.015	0.104	0.019	0.050	0.000	0.000	6165.4	33.67	17.85	9	46.4	40 32.610	147 12.416	0.00
bass1	36	02/03/89	22:03:17	7.56	0.018	0.127	0.021	0.050	0.000	0.000	6106.3	33.81	18.01	9	46.4	40 32.724	147 12.191	0.01
bass1	37	02/03/89	22:05:04	7.44	0.014	0.103	0.029	0.037	0.000	0.000	6102.1	33.60	17.76	9	46.4	40 32.859	147 11.906	0.01
bass1	38	02/03/89	22:07:21	7.51	0.023	0.126	0.016	0.047	0.000	0.000	6079.1	33.53	17.78	9	49.6	40 32.955	147 11.693	0.01
bass1	39	02/03/89	22:09:08	7.40	0.015	0.109	0.026	0.036	0.000	0.000	6002.2	33.53	17.76	9	51.0	40 33.093	147 11.398	0.01
bass1	40	02/03/89	22:11:25	7.59	0.027	0.138	0.021	0.051	0.000	0.000	6008.6	33.53	17.71	20	51.3	40 33.200	147 11.173	0.01
bass1	41	02/03/89	22:13:12	7.42	0.015	0.117	0.037	0.037	0.000	0.000	6105.9	33.53	17.70	20	51.5	40 33.327	147 10.902	0.01
bass1	42	02/03/89	22:15:29	7.59	0.021	0.133	0.022	0.046	0.000	0.000	6054.3	33.53	17.69	20	51.3	40 33.500	147 10.550	0.01
bass1	43	02/03/89	22:19:34	7.13	0.023	0.134	0.018	0.046	0.000	0.000	6069.6	33.46	17.68	15	51.7	40 33.650	147 10.214	0.01
bass1	44	02/03/89	22:20:56	7.60	0.016	0.108	0.016	0.038	0.000	0.000	6069.6	33.46	17.68	15	51.5	40 33.808	147 9.877	0.00
bass1	45	02/03/89	22:23:38	7.65	0.025	0.135	0.021	0.047	0.000	0.000	6048.7	33.53	17.70	15	51.5	40 33.902	147 9.692	0.01
bass1	46	02/03/89	22:23:40	7.68	0.019	0.134	0.021	0.038	0.000	0.000	6030.5	33.53	17.70	15	51.6	40 34.000	147 9.430	0.01
bass1	47	02/03/89	22:27:43	7.52	0.022	0.132	0.020	0.031	0.000	0.000	6020.3	33.53	17.73	15	51.4	40 34.161	147 9.183	0.01
bass1	48	02/03/89	22:29:11	7.61	0.015	0.107	0.021	0.037	0.000	0.000	6020.3	33.53	17.69	15	51.2	40 34.316	147 8.881	0.00
bass1	49	02/03/89	22:31:46	7.56	0.025	0.134	0.020	0.043	0.000	0.000	6023.7	33.60	17.67	15	51.3	40 34.409	147 8.699	0.01
bass1	50	02/03/89	22:34:00	7.54	0.023	0.136	0.018	0.040	0.000	0.000	6000.0	33.60	17.70	15	51.4	40 34.568	147 8.300	0.01
bass1	51	02/03/89	22:35:50	7.51	0.021	0.138	0.016	0.038	0.000	0.000	5909.8	33.67	17.71	15	51.6	40 34.758	147 7.950	0.00
bass1	52	02/03/89	22:39:55	7.45	0.023	0.143	0.017	0.037	0.000	0.000	5817.5	33.67	17.76	15	51.3	40 34.948	147 7.648	0.01
bass1	53	02/03/89	22:41:47	7.39	0.015	0.120	0.014	0.031	0.000	0.000	5816.1	33.60	17.70	15	51.3	40 35.102	147 7.363	0.00
bass1	54	02/03/89	22:43:59	7.43	0.015	0.138	0.018	0.040	0.000	0.000	5859.7	33.53	17.63	15	51.4	40 35.221	147 7.139	0.00
bass1	55	02/03/89	22:45:51	7.41	0.014	0.130	0.029	0.031	0.000	0.000	5887.8	33.46	17.65	19	51.3	40 35.358	147 6.872	0.01

TEG Light Hydrocarbon and CTD Data - Bass Basin Block T/22P

line	shot	date	time	methane	ethane	ethylene	propane	propylene	ibutane	nbutane	CO2	salinity	temp(C)	height(m)	depth(m)	latitude	longitude	% wetness
bass1	56	02/03/89	22:48:03	7.40	0.014	0.156	0.016	0.038	0.000	0.000	5894.3	33.60	17.56	19	51.9	40 35.477	147 6.650	0.00
bass1	57	02/03/89	22:49:55	7.37	0.013	0.135	0.018	0.024	0.000	0.000	5850.6	33.46	17.61	19	51.6	40 35.604	147 6.403	0.00
bass1	58	02/03/89	22:52:07	7.36	0.021	0.142	0.016	0.037	0.000	0.000	5816.7	33.53	17.65	19	51.3	40 35.719	147 6.178	0.01
bass1	59	02/03/89	22:53:59	7.35	0.014	0.113	0.021	0.038	0.000	0.000	5862.9	33.53	17.68	19	51.2	40 35.869	147 5.892	0.00
bass1	60	02/03/89	22:56:11	7.50	0.024	0.136	0.018	0.039	0.000	0.000	5934.3	33.53	17.69	19	51.0	40 35.987	147 5.667	0.01
bass1	61	02/03/89	22:58:02	7.48	0.015	0.117	0.024	0.032	0.000	0.000	5989.6	33.53	17.70	19	50.9	40 36.124	147 5.398	0.01
bass1	62	02/03/89	23:00:16	7.46	0.018	0.133	0.019	0.041	0.000	0.000	5987.6	33.60	17.62	19	50.9	40 36.243	147 5.165	0.00
bass1	63	02/03/89	23:02:07	7.42	0.015	0.110	0.027	0.031	0.000	0.000	5975.9	33.46	17.57	19	51.1	40 36.385	147 4.894	0.01
bass1	64	02/03/89	23:04:19	7.36	0.022	0.141	0.017	0.040	0.002	0.000	5951.3	33.46	17.65	19	51.2	40 36.623	147 4.647	0.01
bass1	65	02/03/89	23:06:12	7.34	0.014	0.135	0.020	0.031	0.000	0.000	5962.3	33.53	17.69	18	51.3	40 36.734	147 4.522	0.00
bass1	66	02/03/89	23:08:27	7.45	0.022	0.140	0.018	0.036	0.000	0.000	5944.3	33.46	17.57	18	51.1	40 36.846	147 4.274	0.01
bass1	67	02/03/89	23:10:15	7.40	0.014	0.136	0.020	0.030	0.000	0.000	5944.3	33.53	17.59	18	51.0	40 36.957	147 4.150	0.00
bass1	68	02/03/89	23:12:32	7.40	0.022	0.141	0.017	0.039	0.000	0.000	5959.1	33.53	17.61	18	51.2	40 37.067	147 4.026	0.01
bass1	70	02/03/89	23:16:37	7.41	0.026	0.135	0.015	0.038	0.000	0.000	5973.7	33.46	17.62	18	51.0	40 37.179	147 3.902	0.01
bass1	71	02/03/89	23:20:40	7.41	0.022	0.140	0.018	0.041	0.000	0.000	5945.1	33.39	17.53	18	51.0	40 37.498	147 3.206	0.01
bass1	72	02/03/89	23:22:11	7.42	0.014	0.110	0.015	0.032	0.000	0.000	5859.3	33.25	17.40	18	51.2	40 37.640	147 2.899	0.00
bass1	73	02/03/89	23:24:44	7.43	0.027	0.112	0.018	0.038	0.000	0.000	5926.5	33.25	17.52	18	51.0	40 37.722	147 2.714	0.01
bass1	74	02/03/89	23:26:15	7.44	0.015	0.113	0.023	0.029	0.000	0.000	5880.9	33.25	17.44	18	51.1	40 37.862	147 2.406	0.01
bass1	75	02/03/89	23:28:48	7.43	0.020	0.112	0.015	0.037	0.000	0.000	5910.4	33.32	17.52	18	50.8	40 37.947	147 2.219	0.00
bass1	76	02/03/89	23:30:20	7.41	0.014	0.110	0.026	0.024	0.000	0.000	5892.0	33.25	17.55	18	50.8	40 38.096	147 1.893	0.01
bass1	77	02/03/89	23:32:52	7.38	0.021	0.120	0.016	0.035	0.000	0.000	5887.9	33.25	17.54	16	50.8	40 38.181	147 1.707	0.00
bass1	78	02/03/89	23:34:23	7.36	0.013	0.111	0.015	0.026	0.000	0.000	5907.5	33.32	17.51	16	50.7	40 38.324	147 1.399	0.00
bass1	79	02/03/89	23:36:57	7.35	0.024	0.121	0.015	0.030	0.000	0.000	5872.4	33.25	17.44	16	50.8	40 38.406	147 1.212	0.01
bass1	80	02/03/89	23:38:27	7.33	0.014	0.109	0.014	0.021	0.000	0.000	5926.1	33.39	17.59	16	50.9	40 38.554	147 .883	0.00
bass1	81	02/03/89	23:41:00	7.38	0.020	0.121	0.016	0.031	0.000	0.000	5925.3	33.32	17.55	16	50.7	40 38.638	147 .694	0.00
bass1	82	02/03/89	23:42:32	7.41	0.013	0.105	0.019	0.027	0.000	0.000	5836.1	33.32	17.52	16	50.6	40 38.779	147 .383	0.00
bass1	83	02/03/89	23:45:05	7.38	0.013	0.125	0.016	0.027	0.000	0.000	5841.9	33.25	17.51	16	50.5	40 38.855	147 .218	0.00
bass1	84	02/03/89	23:46:36	7.34	0.014	0.113	0.016	0.026	0.000	0.000	5810.3	33.32	17.47	16	50.6	40 39.005	146 59.886	0.00
bass1	85	02/03/89	23:49:09	7.42	0.017	0.120	0.011	0.026	0.000	0.000	5830.0	33.32	17.54	16	50.6	40 39.090	146 59.696	0.00
bass1	86	02/03/89	23:50:39	7.43	0.012	0.110	0.015	0.029	0.000	0.000	5882.6	33.32	17.51	16	50.7	40 39.246	146 59.365	0.00
bass1	87	02/03/89	23:53:13	7.50	0.012	0.120	0.017	0.028	0.000	0.000	5844.2	33.32	17.44	16	50.6	40 39.333	146 59.176	0.00
bass1	88	02/03/89	23:54:43	7.47	0.013	0.109	0.017	0.026	0.000	0.000	5889.9	33.25	17.44	16	50.7	40 39.476	146 58.867	0.00
bass1	89	02/03/89	23:57:18	7.42	0.019	0.112	0.017	0.035	0.000	0.000	5900.0	30.80	17.27	16	50.8	40 39.561	146 58.680	0.00
bass1	90	02/03/89	23:58:47	7.40	0.013	0.108	0.015	0.024	0.000	0.000	5829.6	33.32	17.38	16	50.8	40 39.561	146 58.680	0.00
bass2	1	02/04/89	00:48:23	7.70	0.017	0.105	0.015	0.018	0.000	0.000	5813.5	32.97	16.99	11	55.0	40 40.633	146 58.304	0.00
bass2	2	02/04/89	00:50:10	7.78	0.021	0.116	0.017	0.019	0.001	0.000	5797.5	33.04	17.06	11	55.2	40 40.453	146 58.411	0.00
bass2	3	02/04/89	00:52:28	7.70	0.012	0.103	0.024	0.020	0.000	0.000	5781.4	33.04	16.92	11	56.2	40 40.275	146 58.445	0.00
bass2	4	02/04/89	00:54:24	7.84	0.014	0.105	0.026	0.032	0.000	0.000	5765.4	33.04	16.99	11	56.3	40 40.094	146 58.513	0.01
bass2	5	02/04/89	00:56:36	7.64	0.016	0.104	0.016	0.019	0.000	0.000	5749.3	33.04	17.20	11	52.2	40 39.943	146 58.579	0.00
bass2	6	02/04/89	00:58:28	7.71	0.021	0.114	0.030	0.019	0.000	0.001	5733.2	33.39	17.44	11	51.0	40 39.419	146 58.555	0.01
bass2	7	02/04/89	01:00:41	7.66	0.014	0.103	0.023	0.017	0.000	0.000	5717.2	33.04	17.35	11	53.2	40 39.156	146 58.605	0.00
bass2	8	02/04/89	01:02:38	7.82	0.022	0.115	0.018	0.024	0.002	0.000	5701.7	33.04	17.13	11	52.9	40 38.938	146 58.641	0.01
bass2	9	02/04/89	01:04:45	7.46	0.015	0.107	0.020	0.022	0.000	0.000	5685.1	32.97	17.00	11	52.9	40 38.746	146 58.678	0.00
bass2	10	02/04/89	01:06:47	7.51	0.018	0.118	0.014	0.014	0.000	0.000	5669.0	33.04	17.08	11	52.9	40 38.532	146 58.720	0.00
bass2	11	02/04/89	01:10:52	7.69	0.019	0.113	0.016	0.023	0.000	0.000	5663.0	33.04	17.04	11	53.1	40 38.351	146 58.753	0.00
bass2	12	02/04/89	01:14:56	7.77	0.022	0.112	0.013	0.026	0.000	0.001	5639.4	33.04	17.13	11	53.6	40 37.940	146 58.826	0.00
bass2	13	02/04/89	01:19:05	7.72	0.016	0.111	0.016	0.021	0.000	0.002	5620.9	33.04	17.07	11	54.2	40 37.543	146 58.911	0.00
bass2	14	02/04/89	01:23:14	7.73	0.019	0.111	0.014	0.021	0.000	0.000	5612.9	33.04	17.05	11	53.8	40 36.974	146 59.044	0.00
bass2	15	02/04/89	01:25:05	7.56	0.013	0.103	0.013	0.022	0.000	0.000	5616.6	33.11	17.17	11	53.5	40 36.769	146 59.049	0.00
bass2	16	02/04/89	01:27:19	7.61	0.023	0.116	0.015	0.021	0.000	0.000	5560.0	33.18	17.26	16	52.9	40 36.593	146 59.054	0.00
bass2	18	02/04/89	01:31:24	7.66	0.021	0.114	0.014	0.017	0.000	0.000	5608.5	33.04	17.10	16	53.1	40 36.189	146 59.062	0.00
bass2	19	02/04/89	01:33:16	7.49	0.012	0.105	0.024	0.021	0.000	0.000	5545.4	32.97	16.96	16	54.4	40 35.985	146 59.068	0.00
bass2	20	02/04/89	01:35:28	7.51	0.017	0.115	0.014	0.024	0.002	0.000	5542.4	33.04	17.02	16	53.0	40 35.809	146 59.074	0.00
bass2	21	02/04/89	01:37:20	7.61	0.017	0.105	0.028	0.019	0.000	0.000	5514.1	33.04	16.95	16	53.1	40 35.587	146 59.080	0.01

TEG Light Hydrocarbon and CTD Data - Bass Basin Block T/22P

line	shot	date	time	methane	ethane	ethylene	propane	propylene	ibutane	nbutane	CO2	salinity	temp(C)	height(m)	depth(m)	latitude	longitude	% wetness
bass2	22	02/04/89	01:39:37	7.76	0.025	0.115	0.015	0.019	0.000	0.000	5521.6	32.97	16.85	16	53.4	40 35.405	146 59.086	0.01
bass2	23	02/04/89	01:41:24	7.65	0.015	0.103	0.022	0.018	0.000	0.000	5588.4	32.97	17.05	16	53.1	40 35.197	146 59.092	0.00
bass2	24	02/04/89	01:43:41	7.71	0.022	0.113	0.017	0.022	0.002	0.002	5562.6	33.11	17.13	16	52.7	40 35.019	146 59.098	0.01
bass2	25	02/04/89	01:45:28	7.64	0.016	0.105	0.027	0.022	0.000	0.000	5418.4	33.18	17.22	16	53.6	40 34.788	146 59.104	0.01
bass2	26	02/04/89	01:47:49	7.65	0.021	0.114	0.015	0.026	0.000	0.000	5477.1	33.18	17.21	16	53.4	40 34.626	146 59.109	0.00
bass2	27	02/04/89	01:49:32	7.72	0.016	0.103	0.027	0.015	0.000	0.000	5750.4	33.11	17.16	16	53.2	40 34.400	146 59.115	0.01
bass2	28	02/04/89	01:51:52	7.65	0.016	0.113	0.016	0.020	0.000	0.000	5711.8	33.25	17.30	16	52.7	40 34.226	146 59.121	0.00
bass2	29	02/04/89	01:53:36	7.53	0.015	0.102	0.021	0.020	0.000	0.000	5681.7	33.25	17.33	16	53.5	40 34.000	146 59.127	0.00
bass2	30	02/04/89	01:55:56	7.66	0.022	0.110	0.017	0.021	0.000	0.000	5712.3	33.32	17.39	16	53.1	40 33.840	146 59.133	0.01
bass2	31	02/04/89	01:57:40	7.61	0.015	0.101	0.019	0.018	0.000	0.000	5695.0	33.32	17.39	11	53.1	40 33.614	146 59.139	0.00
bass2	32	02/04/89	02:00:00	7.59	0.019	0.110	0.015	0.021	0.000	0.000	5684.6	33.32	17.33	11	52.6	40 33.453	146 59.145	0.00
bass2	33	02/04/89	02:01:43	7.47	0.014	0.101	0.026	0.020	0.000	0.000	5698.1	33.25	17.33	11	52.7	40 33.212	146 59.151	0.01
bass2	34	02/04/89	02:04:05	7.48	0.018	0.110	0.014	0.021	0.000	0.001	5691.0	33.25	17.27	11	52.8	40 33.049	146 59.157	0.00
bass2	35	02/04/89	02:05:47	7.41	0.014	0.101	0.015	0.019	0.000	0.000	5708.1	33.18	17.25	11	53.7	40 32.846	146 59.163	0.00
bass2	36	02/04/89	02:08:13	7.51	0.024	0.112	0.014	0.018	0.000	0.000	5636.8	33.11	17.18	11	53.8	40 32.690	146 59.165	0.01
bass2	37	02/04/89	02:09:51	7.42	0.013	0.101	0.025	0.021	0.000	0.000	5666.6	33.04	17.04	11	53.2	40 32.458	146 59.169	0.01
bass2	38	02/04/89	02:12:16	7.61	0.022	0.111	0.015	0.028	0.000	0.000	5791.0	32.90	16.81	11	53.0	40 32.317	146 59.213	0.00
bass2	39	02/04/89	02:13:54	7.65	0.014	0.100	0.023	0.022	0.000	0.000	5753.6	32.76	16.64	11	53.0	40 32.084	146 59.286	0.00
bass2	40	02/04/89	02:16:21	7.75	0.020	0.110	0.014	0.024	0.000	0.000	5782.2	32.69	16.58	11	53.2	40 31.928	146 59.335	0.00
bass2	41	02/04/89	02:17:58	7.72	0.017	0.101	0.024	0.020	0.000	0.000	5782.2	32.69	16.53	11	53.3	40 31.687	146 59.409	0.01
bass2	42	02/04/89	02:20:25	7.92	0.017	0.104	0.016	0.019	0.000	0.000	5873.4	32.69	16.57	11	53.5	40 31.541	146 59.442	0.00
bass2	43	02/04/89	02:22:03	7.89	0.017	0.098	0.023	0.018	0.000	0.000	5873.4	32.69	16.50	11	53.0	40 31.295	146 59.495	0.01
bass2	44	02/04/89	02:24:29	8.03	0.021	0.107	0.015	0.018	0.000	0.000	5800.5	32.69	16.50	11	52.9	40 31.133	146 59.526	0.00
bass2	45	02/04/89	02:26:07	7.95	0.016	0.097	0.028	0.016	0.000	0.000	5746.8	32.69	16.50	11	52.9	40 30.904	146 59.572	0.01
bass2	46	02/04/89	02:28:32	8.03	0.021	0.108	0.019	0.026	0.000	0.000	5721.7	32.62	16.46	11	52.8	40 30.738	146 59.603	0.00
bass2	47	02/04/89	02:30:11	8.06	0.015	0.108	0.019	0.015	0.000	0.000	5761.9	32.62	16.42	11	52.9	40 30.488	146 59.648	0.00
bass2	48	02/04/89	02:32:36	8.09	0.022	0.108	0.016	0.013	0.000	0.000	5945.4	32.69	16.43	11	52.7	40 30.342	146 59.672	0.00
bass2	49	02/04/89	02:34:14	7.99	0.019	0.099	0.020	0.015	0.000	0.000	5991.7	32.83	16.69	11	52.7	40 30.097	146 59.718	0.00
bass2	50	02/04/89	02:36:40	8.09	0.023	0.108	0.019	0.025	0.000	0.000	5973.0	32.90	16.75	11	52.5	40 29.933	146 59.747	0.01
bass2	51	02/04/89	02:38:17	7.98	0.018	0.098	0.027	0.017	0.000	0.000	5957.0	32.97	16.74	11	52.7	40 29.704	146 59.786	0.01
bass2	52	02/04/89	02:40:43	8.08	0.022	0.106	0.017	0.010	0.000	0.000	5811.2	32.83	16.71	11	53.1	40 29.540	146 59.815	0.00
bass2	53	02/04/89	02:42:21	7.94	0.018	0.100	0.021	0.016	0.000	0.000	5749.0	32.83	16.68	15	52.7	40 29.294	146 59.859	0.00
bass2	54	02/04/89	02:44:47	7.90	0.027	0.109	0.015	0.020	0.001	0.000	5789.7	32.90	16.82	15	53.0	40 29.146	146 59.888	0.01
bass2	55	02/04/89	02:46:25	7.77	0.017	0.102	0.022	0.018	0.000	0.000	5754.3	32.90	16.78	15	52.7	40 28.898	146 59.934	0.00
bass2	56	02/04/89	02:48:55	7.82	0.023	0.113	0.016	0.018	0.000	0.000	5757.3	32.90	16.73	15	52.6	40 28.734	146 59.969	0.00
bass2	57	02/04/89	02:50:29	7.80	0.017	0.101	0.026	0.017	0.000	0.000	5765.2	32.90	16.77	15	52.9	40 28.485	147 .024	0.01
bass2	58	02/04/89	02:52:59	7.79	0.025	0.112	0.014	0.014	0.000	0.000	5711.3	32.76	16.69	15	53.5	40 28.334	147 .055	0.00
bass2	59	02/04/89	02:54:32	7.71	0.017	0.102	0.030	0.017	0.000	0.000	5731.2	32.83	16.76	15	52.6	40 28.088	147 .103	0.01
bass2	60	02/04/89	02:57:03	7.82	0.025	0.107	0.014	0.016	0.000	0.000	5708.1	32.90	16.73	15	53.1	40 27.922	147 .139	0.00
bass2	61	02/04/89	02:58:37	7.75	0.016	0.101	0.023	0.017	0.000	0.000	5741.7	32.83	16.75	15	52.7	40 27.673	147 .144	0.01
bass2	62	02/04/89	03:01:06	7.91	0.024	0.113	0.016	0.021	0.000	0.000	5735.5	32.83	16.74	16	52.7	40 27.523	147 .150	0.01
bass2	63	02/04/89	03:02:44	7.77	0.017	0.101	0.021	0.013	0.000	0.000	5708.6	32.83	16.74	16	52.7	40 27.275	147 .156	0.00
bass2	64	02/04/89	03:05:10	7.82	0.022	0.112	0.015	0.017	0.000	0.000	5667.5	32.83	16.70	16	52.7	40 27.111	147 .162	0.00
bass2	65	02/04/89	03:06:48	7.74	0.016	0.101	0.021	0.015	0.000	0.000	5682.4	32.90	16.77	16	52.7	40 26.879	147 .167	0.00
bass2	66	02/04/89	03:09:15	7.82	0.024	0.111	0.016	0.009	0.000	0.000	5675.8	32.90	16.75	16	52.7	40 26.711	147 .173	0.01
bass2	67	02/04/89	03:10:51	7.74	0.015	0.101	0.022	0.016	0.000	0.000	5675.8	32.90	16.70	16	52.4	40 26.461	147 .179	0.00
bass2	68	02/04/89	03:13:18	7.87	0.021	0.109	0.015	0.018	0.000	0.001	5669.6	32.69	16.53	16	53.3	40 26.310	147 .185	0.00
bass2	69	02/04/89	03:14:55	7.78	0.017	0.101	0.026	0.017	0.000	0.000	5669.6	32.76	16.62	16	53.0	40 26.060	147 .191	0.01
bass2	70	02/04/89	03:17:24	7.88	0.017	0.102	0.015	0.019	0.002	0.000	5675.6	32.76	16.66	16	52.7	40 25.895	147 .197	0.00
bass2	71	02/04/89	03:18:59	7.75	0.017	0.102	0.024	0.015	0.000	0.000	5746.8	32.62	16.62	16	52.8	40 25.644	147 .202	0.01
bass2	72	02/04/89	03:21:32	7.86	0.024	0.112	0.016	0.014	0.000	0.001	5673.5	32.55	16.40	16	54.1	40 25.493	147 .208	0.01
bass2	73	02/04/89	03:23:04	7.81	0.018	0.102	0.023	0.017	0.000	0.000	5703.1	32.69	16.50	16	54.0	40 25.233	147 .214	0.01
bass2	74	02/04/89	03:25:39	7.89	0.023	0.114	0.015	0.018	0.000	0.000	5636.3	32.83	16.55	16	53.3	40 25.088	147 .220	0.00
bass2	75	02/04/89	03:27:07	7.80	0.017	0.103	0.023	0.016	0.000	0.000	5748.4	32.83	16.61	16	52.8	40 24.843	147 .225	0.01

TEG Light Hydrocarbon and CTD Data - Bass Basin BBlock T/22P

line	shot	date	time	methane	ethane	ethylene	propane	propylene	ibutane	nbutane	CO2	salinity	temp(C)	height(m)	depth(m)	latitude	longitude	% wetness
bass2	76	02/04/89	03:29:43	8.05	0.022	0.111	0.019	0.021	0.000	0.000	5551.8	32.69	16.57	17	53.6	40 24.695	147 .231	0.01
bass2	77	02/04/89	03:31:11	7.93	0.018	0.101	0.023	0.016	0.000	0.000	5498.5	32.76	16.47	17	53.5	40 24.431	147 .237	0.01
bass2	78	02/04/89	03:33:47	7.97	0.018	0.100	0.029	0.017	0.001	0.000	5684.3	32.69	16.60	17	53.1	40 24.302	147 .243	0.01
bass2	79	02/04/89	03:35:15	7.91	0.017	0.098	0.025	0.019	0.000	0.000	5700.5	32.76	16.56	17	52.9	40 24.040	147 .248	0.01
bass2	80	02/04/89	03:37:55	8.01	0.027	0.107	0.016	0.021	0.001	0.000	5706.8	32.69	16.55	17	54.0	40 23.961	147 .254	0.01
bass2	82	02/04/89	03:42:03	7.98	0.022	0.108	0.016	0.010	0.000	0.000	5679.7	32.76	16.64	17	53.5	40 23.376	147 .260	0.00
bass2	83	02/04/89	03:46:07	7.99	0.022	0.106	0.017	0.022	0.000	0.000	5694.5	32.76	16.64	17	52.9	40 22.991	147 .392	0.00
bass2	84	02/04/89	03:50:11	7.91	0.025	0.106	0.017	0.019	0.000	0.000	5535.2	32.69	16.55	17	53.0	40 22.615	147 .535	0.01
bass2	85	02/04/89	03:54:16	7.92	0.024	0.104	0.016	0.021	0.000	0.000	5574.6	32.83	16.81	17	53.9	40 22.256	147 .714	0.01
bass2	86	02/04/89	03:58:20	7.94	0.025	0.105	0.016	0.022	0.000	0.000	5487.8	32.97	16.90	17	53.3	40 21.880	147 .899	0.01
bass2	87	02/04/89	04:02:24	7.96	0.023	0.107	0.017	0.022	0.000	0.001	5839.5	32.90	16.80	17	53.2	40 21.521	147 1.082	0.01
bass2	88	02/04/89	04:06:33	7.68	0.021	0.104	0.014	0.019	0.000	0.000	5621.0	32.83	16.66	17	53.1	40 21.141	147 1.271	0.00
bass2	89	02/04/89	04:10:38	7.64	0.021	0.107	0.016	0.016	0.000	0.000	5624.0	32.69	16.36	17	52.7	40 20.766	147 1.465	0.00
bass2	90	02/04/89	04:14:42	7.70	0.023	0.101	0.015	0.008	0.000	0.000	5667.3	33.11	17.12	17	52.9	40 20.269	147 1.710	0.00
bass2	91	02/04/89	04:16:15	7.67	0.013	0.100	0.013	0.012	0.000	0.000	5728.5	33.11	16.99	17	53.2	40 20.042	147 1.822	0.00
bass2	92	02/04/89	04:18:45	7.69	0.020	0.103	0.018	0.018	0.000	0.000	5705.9	33.04	16.92	17	53.4	40 19.888	147 1.899	0.00
bass2	93	02/04/89	04:20:19	7.65	0.012	0.100	0.015	0.012	0.000	0.000	5768.5	33.11	17.06	17	52.9	40 19.661	147 2.014	0.00
bass2	94	02/04/89	04:22:48	7.63	0.024	0.103	0.016	0.014	0.001	0.000	5655.6	32.97	16.83	17	52.4	40 19.525	147 2.080	0.01
bass2	95	02/04/89	04:24:23	7.30	0.014	0.102	0.020	0.012	0.000	0.000	5566.7	32.76	16.65	17	52.7	40 19.303	147 2.195	0.00
bass2	96	02/04/89	04:26:57	7.59	0.016	0.104	0.014	0.014	0.000	0.000	5546.7	32.55	16.43	17	53.0	40 19.167	147 2.261	0.00
bass2	97	02/04/89	04:28:26	7.62	0.011	0.100	0.017	0.011	0.000	0.000	5563.0	32.69	16.55	17	52.7	40 18.924	147 2.390	0.00
bass2	98	02/04/89	04:31:01	7.61	0.016	0.102	0.014	0.016	0.000	0.000	5492.9	32.62	16.41	17	52.9	40 18.788	147 2.461	0.00
bass2	100	02/04/89	04:35:04	7.69	0.015	0.107	0.015	0.016	0.000	0.000	5628.7	32.76	16.60	17	53.6	40 18.560	147 2.580	0.00
bass2	101	02/04/89	04:39:08	7.87	0.015	0.106	0.016	0.016	0.000	0.000	5748.4	32.83	16.71	17	52.9	40 18.186	147 2.770	0.00
bass2	102	02/04/89	04:43:12	7.93	0.013	0.103	0.018	0.016	0.000	0.000	5850.4	32.97	16.86	18	52.1	40 17.815	147 2.921	0.00
bass3	1	02/04/89	05:06:36	7.45	0.013	0.075	0.010	0.020	0.000	0.000	.	33.60	16.80	12	54.0	40 15.852	147 3.122	0.00
bass3	2	02/04/89	05:08:52	7.45	0.013	0.093	0.021	0.018	0.000	0.000	.	33.95	16.66	12	55.1	40 16.001	147 3.215	0.00
bass3	3	02/04/89	05:10:36	7.50	0.015	0.081	0.010	0.017	0.000	0.002	.	33.11	16.94	12	54.7	40 16.204	147 3.338	0.00
bass3	4	02/04/89	05:12:56	7.59	0.015	0.095	0.020	0.018	0.000	0.000	.	34.02	16.68	12	52.8	40 16.358	147 3.272	0.00
bass3	5	02/04/89	05:14:44	7.74	0.018	0.099	0.017	0.020	0.000	0.000	.	33.11	16.98	12	52.7	40 16.490	147 3.023	0.00
bass3	6	02/04/89	05:17:00	7.65	0.015	0.095	0.022	0.020	0.000	0.000	.	33.60	16.80	12	53.1	40 16.598	147 2.818	0.00
bass3	7	02/04/89	05:18:49	7.81	0.020	0.105	0.017	0.024	0.002	0.002	.	33.88	16.63	12	54.5	40 16.727	147 2.578	0.01
bass3	8	02/04/89	05:21:04	7.66	0.015	0.098	0.017	0.020	0.000	0.000	.	32.97	16.82	12	54.4	40 16.830	147 2.384	0.00
bass3	9	02/04/89	05:22:56	7.77	0.021	0.108	0.016	0.022	0.002	0.000	.	32.90	16.80	12	54.0	40 16.961	147 2.142	0.00
bass3	10	02/04/89	05:25:08	7.67	0.016	0.098	0.016	0.020	0.000	0.000	.	33.04	16.78	12	54.5	40 17.122	147 1.880	0.00
bass3	11	02/04/89	05:27:05	7.74	0.019	0.104	0.014	0.022	0.002	0.003	.	32.90	16.72	12	54.3	40 17.244	147 1.653	0.00
bass3	12	02/04/89	05:29:13	7.65	0.015	0.100	0.020	0.018	0.000	0.000	.	32.90	16.67	12	54.3	40 17.353	147 1.448	0.00
bass3	13	02/04/89	05:31:14	7.76	0.019	0.103	0.016	0.023	0.002	0.000	.	32.69	16.59	12	54.0	40 17.464	147 1.243	0.00
bass3	14	02/04/89	05:35:22	7.78	0.022	0.102	0.016	0.019	0.000	0.000	5788.8	32.62	16.40	12	53.7	40 17.587	147 1.018	0.00
bass3	15	02/04/89	05:39:26	7.89	0.021	0.101	0.016	0.020	0.000	0.000	5793.6	32.48	16.14	12	54.3	40 17.910	147 .439	0.00
bass3	16	02/04/89	05:40:49	7.82	0.017	0.100	0.015	0.017	0.000	0.000	5819.2	32.55	16.00	14	54.0	40 18.094	147 .167	0.00
bass3	17	02/04/89	05:43:30	7.98	0.019	0.107	0.016	0.011	0.001	0.000	5824.0	32.20	15.80	14	54.0	40 18.170	147 .022	0.00
bass3	18	02/04/89	05:44:53	7.89	0.017	0.102	0.016	0.015	0.000	0.000	5824.0	33.18	15.67	14	54.3	40 18.321	146 59.738	0.00
bass3	19	02/04/89	05:47:38	8.05	0.021	0.104	0.017	0.015	0.000	0.000	5805.3	32.41	15.96	14	54.5	40 18.395	146 59.597	0.00
bass3	20	02/04/89	05:48:56	7.96	0.018	0.102	0.025	0.016	0.000	0.000	5805.3	33.18	15.64	14	54.6	40 18.555	146 59.295	0.01
bass3	21	02/04/89	05:51:42	8.16	0.023	0.105	0.018	0.015	0.000	0.000	5780.1	32.34	15.97	14	54.5	40 18.628	146 59.154	0.00
bass3	22	02/04/89	05:53:00	8.09	0.019	0.096	0.025	0.013	0.000	0.000	5780.1	32.34	15.99	14	54.5	40 18.775	146 58.878	0.01
bass3	23	02/04/89	05:55:47	8.20	0.024	0.110	0.018	0.016	0.000	0.000	5747.1	32.41	15.99	14	55.0	40 18.849	146 58.740	0.01
bass3	24	02/04/89	05:57:05	8.08	0.020	0.096	0.024	0.013	0.000	0.000	5747.1	32.34	16.00	14	54.9	40 19.011	146 58.447	0.01
bass3	25	02/04/89	05:59:50	8.20	0.021	0.110	0.018	0.014	0.000	0.000	5776.5	32.41	16.04	14	54.2	40 19.087	146 58.310	0.00
bass3	26	02/04/89	06:01:09	8.10	0.020	0.096	0.026	0.014	0.000	0.000	5747.1	32.34	15.99	14	54.3	40 19.243	146 58.033	0.01
bass3	27	02/04/89	06:03:54	8.20	0.021	0.105	0.019	0.015	0.000	0.000	5733.4	32.55	16.00	14	54.0	40 19.321	146 57.892	0.00
bass3	28	02/04/89	06:05:13	8.10	0.019	0.096	0.027	0.014	0.000	0.000	5715.1	32.55	16.25	14	54.2	40 19.475	146 57.612	0.01
bass3	29	02/04/89	06:07:57	8.20	0.022	0.107	0.018	0.016	0.000	0.000	5711.6	32.48	16.24	14	54.4	40 19.552	146 57.473	0.00

TEG Light Hydrocarbon and CTD Data - Bass Basin Block T/22P

line	shot	date	time	methane	ethane	ethylene	propane	propylene	ibutane	nbutane	CO2	salinity	temp(C)	height(m)	depth(m)	latitude	longitude	% wetness
bass3	30	02/04/89	06:12:01	8.17	0.024	0.106	0.018	0.014	0.000	0.001	5731.9	32.27	15.83	17	54.6	40 19.713	146 57.175	0.01
bass3	31	02/04/89	06:16:08	8.03	0.025	0.108	0.017	0.012	0.000	0.000	5680.2	32.20	16.00	17	54.9	40 20.018	146 56.616	0.01
bass3	32	02/04/89	06:17:29	7.96	0.019	0.098	0.017	0.015	0.000	0.000	5660.0	32.34	15.93	17	55.4	40 20.179	146 56.318	0.00
bass3	33	02/04/89	06:20:11	8.15	0.024	0.106	0.018	0.017	0.000	0.000	5824.9	32.20	15.80	17	54.5	40 20.253	146 56.177	0.01
bass3	34	02/04/89	06:21:33	8.12	0.019	0.094	0.025	0.014	0.000	0.000	5805.6	32.27	15.84	17	54.5	40 20.403	146 55.898	0.01
bass3	35	02/04/89	06:24:15	8.26	0.021	0.105	0.018	0.015	0.000	0.000	5758.1	32.27	15.77	17	55.0	40 20.479	146 55.757	0.00
bass3	36	02/04/89	06:25:37	6.08	0.016	0.095	0.012	0.012	0.000	0.000	5690.6	32.20	15.76	18	54.5	40 20.630	146 55.479	0.00
bass3	37	02/04/89	06:28:19	7.39	0.020	0.100	0.016	0.014	0.000	0.000	5622.1	32.20	15.73	18	54.8	40 20.715	146 55.323	0.00
bass3	38	02/04/89	06:29:41	7.36	0.016	0.098	0.022	0.010	0.000	0.000	5588.5	32.13	15.71	18	54.9	40 20.865	146 55.042	0.01
bass3	39	02/04/89	06:32:23	7.67	0.022	0.097	0.017	0.016	0.000	0.000	5717.5	32.20	15.70	18	54.9	40 20.940	146 54.906	0.01
bass3	40	02/04/89	06:33:44	8.37	0.016	0.099	0.022	0.011	0.000	0.000	5717.5	32.13	15.66	18	54.5	40 21.091	146 54.631	0.00
bass3	41	02/04/89	06:36:27	8.24	0.020	0.101	0.017	0.012	0.000	0.000	5800.0	31.99	15.56	18	54.5	40 21.167	146 54.494	0.00
bass3	42	02/04/89	06:37:48	8.28	0.015	0.095	0.018	0.011	0.000	0.000	5800.0	31.99	15.46	18	54.3	40 21.324	146 54.196	0.00
bass3	43	02/04/89	06:40:31	8.29	0.018	0.103	0.019	0.012	0.000	0.000	5873.1	31.92	15.44	18	55.0	40 21.400	146 54.056	0.00
bass3	44	02/04/89	06:41:52	8.19	0.016	0.100	0.027	0.011	0.000	0.000	5873.1	31.99	15.43	18	54.5	40 21.548	146 53.776	0.01
bass3	45	02/04/89	06:44:35	8.29	0.024	0.101	0.021	0.017	0.000	0.000	5789.4	31.92	15.45	18	55.2	40 21.622	146 53.635	0.01
bass3	46	02/04/89	06:45:55	8.19	0.022	0.100	0.020	0.010	0.000	0.000	5789.4	32.06	15.48	18	55.1	40 21.776	146 53.355	0.01
bass3	47	02/04/89	06:48:39	8.28	0.022	0.099	0.019	0.013	0.000	0.000	5776.4	31.99	15.42	18	54.9	40 21.851	146 53.216	0.00
bass3	48	02/04/89	06:49:59	8.18	0.021	0.096	0.020	0.009	0.000	0.000	5798.0	31.99	15.40	18	55.2	40 22.130	146 53.016	0.00
bass3	49	02/04/89	06:52:43	8.24	0.022	0.098	0.018	0.013	0.000	0.000	5801.7	31.99	15.40	18	54.9	40 22.204	146 52.872	0.00
bass3	50	02/04/89	06:54:03	8.17	0.023	0.098	0.023	0.011	0.000	0.000	5773.8	31.99	15.43	18	54.5	40 22.348	146 52.584	0.01
bass3	51	02/04/89	06:56:46	8.25	0.025	0.101	0.020	0.014	0.000	0.000	5745.1	31.99	15.39	18	55.0	40 22.420	146 52.440	0.01
bass3	52	02/04/89	06:58:07	8.14	0.023	0.100	0.020	0.011	0.000	0.000	5764.2	31.92	15.40	18	54.6	40 22.567	146 52.147	0.01
bass3	53	02/04/89	07:00:49	8.29	0.024	0.096	0.014	0.012	0.000	0.000	5801.2	31.99	15.45	18	54.3	40 22.651	146 51.984	0.00
bass3	54	02/04/89	07:02:11	8.14	0.023	0.095	0.019	0.010	0.000	0.000	5771.4	31.99	15.45	18	54.0	40 22.794	146 51.691	0.01
bass3	55	02/04/89	07:04:53	8.23	0.026	0.097	0.015	0.013	0.000	0.000	5768.6	31.99	15.45	18	54.0	40 22.865	146 51.546	0.00
bass3	56	02/04/89	07:06:15	8.13	0.016	0.098	0.019	0.010	0.000	0.000	5808.8	31.99	15.47	18	54.7	40 23.010	146 51.255	0.00
bass3	57	02/04/89	07:08:58	8.23	0.021	0.100	0.019	0.013	0.000	0.000	5773.3	32.76	15.14	18	55.3	40 23.081	146 51.108	0.00
bass3	58	02/04/89	07:10:18	8.17	0.016	0.095	0.024	0.010	0.000	0.000	5773.5	31.99	15.41	18	54.9	40 23.221	146 50.821	0.00
bass3	59	02/04/89	07:13:01	8.30	0.016	0.113	0.016	0.013	0.000	0.000	5764.3	31.92	15.44	18	54.7	40 23.298	146 50.658	0.00
bass3	60	02/04/89	07:14:22	8.13	0.015	0.100	0.018	0.009	0.000	0.000	5766.4	31.92	15.37	18	54.6	40 23.439	146 50.369	0.00
bass4	1	02/04/89	07:42:41	7.84	0.019	0.085	0.018	0.010	0.000	0.000	.	31.92	15.34	14	54.2	40 24.104	146 49.735	0.00
bass4	2	02/04/89	07:44:29	7.93	0.019	0.085	0.018	0.010	0.000	0.000	.	31.92	15.35	14	54.4	40 23.940	146 49.834	0.00
bass4	3	02/04/89	07:46:55	7.66	0.019	0.085	0.018	0.010	0.000	0.000	.	31.92	15.38	14	54.0	40 23.764	146 49.938	0.00
bass4	4	02/04/89	07:48:38	7.71	0.014	0.070	0.013	0.010	0.000	0.000	.	31.92	15.39	14	53.9	40 23.571	146 50.045	0.00
bass4	5	02/04/89	07:50:59	7.64	0.020	0.086	0.012	0.010	0.000	0.000	.	31.78	15.38	14	53.6	40 23.427	146 50.127	0.00
bass4	6	02/04/89	07:52:41	7.76	0.015	0.070	0.012	0.010	0.000	0.001	.	31.92	15.44	13	53.2	40 23.223	146 50.240	0.00
bass4	8	02/04/89	07:56:46	7.79	0.015	0.070	0.012	0.009	0.000	0.000	.	31.99	15.48	13	53.5	40 23.062	146 50.332	0.00
bass4	9	02/04/89	08:00:50	8.25	0.021	0.098	0.017	0.007	0.000	0.000	.	32.27	15.84	13	51.4	40 22.707	146 50.533	0.00
bass4	10	02/04/89	08:04:54	8.28	0.022	0.098	0.018	0.014	0.000	0.000	5794.9	32.06	15.74	13	50.3	40 22.331	146 50.735	0.00
bass4	11	02/04/89	08:08:58	8.23	0.023	0.102	0.016	0.014	0.000	0.000	5747.8	32.34	16.03	13	50.9	40 21.817	146 51.013	0.00
bass4	12	02/04/89	08:10:21	8.12	0.020	0.096	0.017	0.015	0.000	0.000	5760.6	32.48	16.16	13	50.4	40 21.562	146 51.156	0.00
bass4	13	02/04/89	08:13:02	8.23	0.025	0.103	0.017	0.015	0.000	0.000	5716.8	32.55	16.10	13	50.7	40 21.416	146 51.235	0.01
bass4	14	02/04/89	08:14:26	8.07	0.019	0.096	0.017	0.015	0.000	0.000	5698.5	32.62	16.27	13	50.8	40 21.298	146 51.276	0.00
bass4	15	02/04/89	08:17:05	8.13	0.026	0.109	0.018	0.017	0.000	0.000	5716.7	32.06	15.58	13	53.3	40 21.052	146 51.317	0.01
bass4	16	02/04/89	08:18:30	7.95	0.020	0.102	0.018	0.016	0.000	0.000	5664.0	31.99	15.44	13	52.7	40 20.803	146 51.473	0.00
bass4	17	02/04/89	08:21:10	8.02	0.025	0.110	0.018	0.018	0.000	0.000	5680.0	32.06	15.59	13	52.4	40 20.669	146 51.548	0.01
bass4	18	02/04/89	08:22:34	7.86	0.018	0.102	0.017	0.018	0.000	0.000	5622.1	32.06	15.60	13	52.2	40 20.428	146 51.685	0.00
bass4	19	02/04/89	08:25:14	8.16	0.021	0.100	0.018	0.014	0.000	0.000	5804.5	32.13	15.60	12	51.6	40 20.308	146 51.753	0.00
bass4	20	02/04/89	08:26:37	8.17	0.020	0.091	0.018	0.014	0.000	0.000	5825.9	32.06	15.51	12	52.0	40 20.065	146 51.894	0.00
bass4	21	02/04/89	08:29:17	8.29	0.025	0.103	0.020	0.014	0.000	0.000	5830.3	32.13	15.60	12	51.8	40 19.941	146 51.965	0.01
bass4	22	02/04/89	08:30:42	8.17	0.020	0.094	0.017	0.014	0.000	0.000	5762.9	32.20	15.78	12	51.6	40 19.694	146 52.108	0.00
bass4	23	02/04/89	08:33:21	8.28	0.028	0.102	0.017	0.015	0.000	0.000	5856.7	32.06	15.54	12	51.9	40 19.557	146 52.189	0.01
bass4	25	02/04/89	08:37:25	8.27	0.023	0.102	0.020	0.012	0.000	0.000	5840.1	32.13	15.59	12	51.4	40 19.314	146 52.332	0.01

TEG Light Hydrocarbon and CTD Data - Bass Basin Block T/22P

line	shot	date	time	methane	ethane	ethylene	propane	propylene	ibutane	nbutane	CO2	salinity	temp(C)	height(m)	depth(m)	latitude	longitude	% wetness
bass4	26	02/04/89	08:41:29	8.29	0.027	0.100	0.019	0.012	0.000	0.000	5879.0	31.99	15.53	12	52.3	40 18.950	146 52.544	0.01
bass4	27	02/04/89	08:45:34	8.30	0.027	0.101	0.018	0.014	0.000	0.000	5837.8	32.06	15.55	12	51.7	40 18.583	146 52.760	0.01
bass4	28	02/04/89	08:49:37	8.29	0.026	0.099	0.018	0.014	0.000	0.000	5815.5	32.13	15.61	12	50.7	40 18.200	146 52.982	0.01
bass5	1	02/04/89	08:53:41	8.33	0.026	0.101	0.019	0.010	0.002	0.002	5855.3	32.06	15.55	15	51.9	40 17.829	146 52.916	0.01
bass5	2	02/04/89	08:57:50	8.32	0.025	0.104	0.022	0.011	0.001	0.000	5827.2	32.13	15.50	15	52.1	40 18.064	146 52.525	0.01
bass5	3	02/04/89	09:01:58	8.31	0.027	0.104	0.021	0.017	0.002	0.000	5966.7	32.06	15.51	15	53.8	40 18.299	146 52.136	0.01
bass5	4	02/04/89	09:06:07	8.32	0.026	0.099	0.017	0.010	0.000	0.003	5834.3	32.06	15.49	15	54.4	40 18.534	146 51.745	0.01
bass5	5	02/04/89	09:10:13	8.33	0.023	0.101	0.017	0.013	0.000	0.000	5843.0	32.13	15.53	15	53.7	40 18.769	146 51.355	0.00
bass5	6	02/04/89	09:14:16	8.32	0.026	0.101	0.021	0.014	0.000	0.002	5802.8	31.99	15.43	15	54.2	40 19.004	146 50.965	0.01
bass5	7	02/04/89	09:18:25	8.31	0.025	0.103	0.019	0.012	0.002	0.006	5723.9	31.99	15.43	15	54.5	40 19.239	146 50.574	0.01
bass5	8	02/04/89	09:19:43	8.37	0.020	0.100	0.016	0.010	0.000	0.000	5723.9	32.06	15.45	15	53.8	40 19.474	146 50.184	0.00
bass5	9	02/04/89	09:22:33	8.31	0.025	0.101	0.021	0.010	0.000	0.002	5733.5	32.06	15.43	15	54.4	40 19.709	146 49.794	0.01
bass5	10	02/04/89	09:26:49	8.32	0.026	0.104	0.020	0.012	0.000	0.000	5772.0	31.99	15.43	15	54.0	40 19.894	146 49.484	0.01
bass5	11	02/04/89	09:30:54	8.33	0.031	0.105	0.023	0.014	0.000	0.000	5736.9	32.06	15.44	15	54.4	40 20.279	146 48.864	0.01
bass5	12	02/04/89	09:32:45	8.28	0.020	0.100	0.014	0.011	0.000	0.000	5729.6	32.06	15.42	15	54.5	40 20.416	146 48.642	0.00
bass5	13	02/04/89	09:34:58	8.28	0.027	0.102	0.022	0.014	0.000	0.000	5759.1	31.85	15.41	15	54.4	40 20.520	146 48.300	0.01
bass5	14	02/04/89	09:39:08	8.32	0.026	0.102	0.023	0.014	0.000	0.000	5723.2	31.99	15.42	15	54.5	40 20.757	146 48.096	0.01
bass5	15	02/04/89	09:40:25	8.38	0.017	0.100	0.015	0.011	0.000	0.000	5751.2	31.99	15.42	15	54.0	40 20.952	146 47.791	0.00
bass5	16	02/04/89	09:43:15	8.32	0.028	0.103	0.019	0.015	0.001	0.000	5718.6	32.06	15.41	15	54.2	40 21.026	146 47.670	0.01
bass5	17	02/04/89	09:47:24	8.32	0.025	0.103	0.020	0.019	0.000	0.000	5760.8	31.99	15.39	17	54.1	40 21.292	146 47.239	0.01
bass5	18	02/04/89	09:48:42	8.30	0.017	0.100	0.016	0.016	0.000	0.000	5738.4	31.99	15.35	17	54.0	40 21.474	146 46.945	0.00
bass5	19	02/04/89	09:51:29	8.31	0.025	0.099	0.018	0.012	0.002	0.000	5736.5	31.92	15.35	17	54.0	40 21.560	146 46.807	0.01
bass5	20	02/04/89	09:52:46	8.30	0.018	0.100	0.022	0.010	0.000	0.000	5754.4	31.99	15.35	17	53.6	40 21.744	146 46.516	0.00
bass5	21	02/04/89	09:55:37	8.30	0.029	0.102	0.021	0.014	0.001	0.000	5727.2	31.92	15.31	17	53.9	40 21.950	146 46.280	0.01
bass5	22	02/04/89	09:59:46	8.28	0.024	0.101	0.019	0.012	0.000	0.000	5750.9	31.92	15.31	18	53.8	40 22.018	146 46.093	0.01
bass5	23	02/04/89	10:03:50	8.25	0.023	0.097	0.017	0.011	0.002	0.000	5759.9	31.92	15.29	18	54.3	40 22.499	146 45.518	0.01
bass5	24	02/04/89	10:05:13	8.24	0.017	0.100	0.016	0.011	0.000	0.000	5759.9	31.99	15.29	18	53.9	40 22.663	146 45.238	0.00
bass5	25	02/04/89	10:07:57	8.23	0.028	0.099	0.020	0.011	0.000	0.000	5745.3	31.85	15.28	18	54.2	40 22.749	146 45.101	0.01
bass5	26	02/04/89	10:12:01	8.22	0.031	0.102	0.020	0.011	0.000	0.000	5751.7	32.20	15.63	18	54.5	40 23.012	146 44.639	0.01
bass6	1	02/04/89	10:39:12	7.76	0.020	0.097	0.021	0.015	0.000	0.000	.	31.85	15.19	15	53.5	40 23.410	146 43.127	0.01
bass6	2	02/04/89	10:41:00	7.94	0.020	0.080	0.014	0.012	0.000	0.000	.	31.85	15.20	15	53.1	40 23.427	146 42.810	0.00
bass6	3	02/04/89	10:43:21	7.54	0.019	0.087	0.019	0.012	0.000	0.000	.	31.85	15.19	15	53.2	40 23.432	146 42.579	0.01
bass6	4	02/04/89	10:45:04	7.84	0.019	0.069	0.012	0.011	0.000	0.000	.	31.92	15.23	15	53.3	40 23.437	146 42.253	0.00
bass6	5	02/04/89	10:47:03	7.90	0.020	0.092	0.016	0.010	0.000	0.000	.	31.85	15.23	15	53.4	40 23.446	146 42.003	0.00
bass6	6	02/04/89	10:49:08	8.00	0.019	0.076	0.014	0.010	0.000	0.000	.	31.85	15.21	15	55.2	40 23.460	146 41.631	0.00
bass6	7	02/04/89	10:53:12	8.15	0.027	0.097	0.019	0.010	0.000	0.000	.	31.85	15.18	15	54.8	40 23.471	146 41.259	0.01
bass6	8	02/04/89	10:54:37	8.11	0.016	0.072	0.014	0.009	0.000	0.000	.	31.92	15.19	20	55.1	40 23.519	146 40.887	0.00
bass6	9	02/04/89	10:57:16	8.13	0.023	0.095	0.016	0.012	0.000	0.000	.	31.92	15.20	20	54.0	40 23.525	146 40.699	0.00
bass6	10	02/04/89	10:58:41	8.10	0.016	0.071	0.016	0.010	0.000	0.000	.	31.92	15.21	20	53.6	40 23.530	146 40.514	0.00
bass6	11	02/04/89	11:01:20	8.11	0.021	0.094	0.017	0.009	0.000	0.000	.	31.92	15.20	20	53.6	40 23.540	146 40.144	0.00
bass6	12	02/04/89	11:02:45	8.10	0.015	0.071	0.014	0.011	0.000	0.000	.	31.92	15.23	20	53.6	40 23.558	146 39.774	0.00
bass6	13	02/04/89	11:05:24	8.07	0.023	0.095	0.021	0.012	0.000	0.002	.	31.92	15.21	20	54.3	40 23.562	146 39.569	0.01
bass6	14	02/04/89	11:06:50	8.15	0.016	0.072	0.021	0.010	0.000	0.000	.	31.92	15.22	20	54.3	40 23.575	146 39.203	0.00
bass6	15	02/04/89	11:09:33	8.04	0.025	0.099	0.019	0.013	0.000	0.000	.	31.92	15.21	20	54.1	40 23.578	146 39.020	0.01
bass6	16	02/04/89	11:10:53	8.18	0.016	0.072	0.025	0.011	0.000	0.000	.	31.92	15.20	20	54.0	40 23.589	146 38.637	0.00
bass6	17	02/04/89	11:13:37	8.02	0.023	0.099	0.019	0.013	0.000	0.000	.	31.85	15.21	20	54.1	40 23.590	146 38.463	0.01
bass6	18	02/04/89	11:14:58	8.14	0.016	0.072	0.026	0.010	0.000	0.000	.	31.92	15.17	20	54.4	40 23.599	146 38.097	0.01
bass6	19	02/04/89	11:17:41	8.00	0.029	0.101	0.021	0.013	0.000	0.000	.	31.85	15.18	20	54.0	40 23.602	146 37.916	0.01
bass6	20	02/04/89	11:19:01	8.18	0.015	0.071	0.023	0.009	0.000	0.000	.	31.85	15.17	20	54.2	40 23.607	146 37.557	0.00
bass6	21	02/04/89	11:21:45	7.98	0.025	0.097	0.021	0.012	0.000	0.000	.	31.85	15.14	20	54.5	40 23.619	146 37.375	0.01
bass6	22	02/04/89	11:23:05	7.79	0.016	0.072	0.022	0.009	0.000	0.000	.	31.78	15.14	20	54.5	40 23.630	146 37.088	0.00
bass6	23	02/04/89	11:25:49	7.94	0.025	0.098	0.019	0.010	0.000	0.000	.	31.78	15.20	20	54.5	40 23.640	146 36.819	0.01
bass6	24	02/04/89	11:27:09	7.79	0.017	0.071	0.019	0.009	0.000	0.000	.	31.85	15.23	20	54.6	40 23.653	146 36.469	0.00
bass6	25	02/04/89	11:29:53	7.92	0.023	0.100	0.019	0.014	0.000	0.000	.	31.85	15.18	20	54.6	40 23.660	146 36.297	0.01

TEG Light Hydrocarbon and CTD Data - Bass Basin Block T/22P

line	shot	date	time	methane	ethane	ethylene	propane	propylene	ibutane	nbutane	CO2	salinity	temp(C)	height(m)	depth(m)	latitude	longitude	% wetness
bass6	26	02/04/89	11:31:17	7.69	0.016	0.070	0.017	0.015	0.000	0.000	.	31.85	15.16	20	54.5	40 23.676	146 35.940	0.00
bass6	27	02/04/89	11:33:57	7.90	0.024	0.098	0.018	0.010	0.000	0.000	.	32.55	14.92	20	54.5	40 23.683	146 35.742	0.01
bass6	28	02/04/89	11:35:21	7.67	0.015	0.071	0.026	0.010	0.000	0.000	.	31.78	15.14	20	54.6	40 23.691	146 35.394	0.01
bass6	29	02/04/89	11:38:01	7.90	0.024	0.100	0.018	0.012	0.000	0.000	.	32.48	14.92	22	54.8	40 23.695	146 35.220	0.01
bass6	30	02/04/89	11:39:25	7.66	0.017	0.073	0.024	0.011	0.000	0.000	.	31.85	15.12	22	54.9	40 23.704	146 34.871	0.01
bass6	31	02/04/89	11:42:05	7.88	0.025	0.098	0.019	0.010	0.000	0.000	.	32.55	14.90	22	54.9	40 23.712	146 34.677	0.01
bass6	32	02/04/89	11:43:29	7.65	0.017	0.071	0.019	0.011	0.000	0.000	.	31.85	15.13	22	54.7	40 23.725	146 34.325	0.00
bass6	33	02/04/89	11:46:09	7.87	0.024	0.096	0.020	0.015	0.000	0.000	.	31.85	15.20	22	54.8	40 23.735	146 34.151	0.01
bass6	34	02/04/89	11:47:32	7.66	0.017	0.071	0.024	0.010	0.000	0.000	.	31.78	15.08	22	55.0	40 23.750	146 33.805	0.01
bass6	35	02/04/89	11:50:17	7.85	0.023	0.098	0.021	0.011	0.000	0.000	.	31.78	15.09	22	54.8	40 23.757	146 33.638	0.01
bass6	36	02/04/89	11:51:37	8.13	0.015	0.072	0.022	0.016	0.000	0.000	.	31.78	15.10	22	54.8	40 23.770	146 33.267	0.00
bass6	37	02/04/89	11:54:22	7.85	0.023	0.096	0.022	0.019	0.000	0.000	.	31.78	15.01	22	54.8	40 23.770	146 32.741	0.01
bass6	38	02/04/89	11:58:26	8.24	0.028	0.094	0.019	0.014	0.000	0.000	.	31.78	14.99	22	54.8	40 23.788	146 32.390	0.01
bass6	39	02/04/89	12:02:32	7.78	0.021	0.096	0.021	0.015	0.000	0.000	.	31.71	14.92	22	54.8	40 23.810	146 32.039	0.01
bass6	40	02/04/89	12:06:35	7.46	0.024	0.076	0.015	0.010	0.000	0.000	.	31.78	14.96	22	54.8	40 23.836	146 31.689	0.01
bass6	41	02/04/89	12:10:40	7.93	0.017	0.071	0.015	0.013	0.000	0.000	.	31.64	14.93	22	54.7	40 23.875	146 31.338	0.00
bass6	42	02/04/89	12:12:31	7.46	0.019	0.079	0.019	0.014	0.000	0.000	.	31.71	14.91	22	54.3	40 23.899	146 30.637	0.01
bass6	43	02/04/89	12:14:45	7.67	0.023	0.097	0.018	0.012	0.000	0.001	.	31.64	14.87	22	54.5	40 23.900	146 30.386	0.01
bass6	44	02/04/89	12:16:35	7.48	0.018	0.082	0.025	0.010	0.000	0.000	.	31.71	14.92	21	54.2	40 23.914	146 30.084	0.01
bass6	45	02/04/89	12:18:52	7.65	0.023	0.097	0.021	0.013	0.000	0.000	.	31.71	14.89	21	55.0	40 23.915	146 29.833	0.01
bass6	46	02/04/89	12:20:40	7.41	0.018	0.081	0.024	0.018	0.000	0.000	.	31.57	14.86	21	55.3	40 23.919	146 29.550	0.01
bass6	47	02/04/89	12:22:56	7.71	0.026	0.097	0.018	0.010	0.000	0.000	5643.5	31.64	14.87	21	55.8	40 23.923	146 29.313	0.01
bass6	48	02/04/89	12:24:44	7.47	0.018	0.081	0.022	0.014	0.000	0.000	5643.5	31.64	14.87	21	55.8	40 23.935	146 29.022	0.01
bass6	49	02/04/89	12:27:00	7.66	0.025	0.094	0.016	0.014	0.000	0.000	5626.0	31.64	14.89	21	55.8	40 23.943	146 28.812	0.01
bass6	50	02/04/89	12:28:47	7.55	0.018	0.078	0.021	0.012	0.000	0.000	5626.0	31.78	14.89	21	54.7	40 23.956	146 28.519	0.01
bass6	51	02/04/89	12:31:05	7.65	0.023	0.090	0.017	0.010	0.000	0.000	5645.1	31.71	14.89	21	54.8	40 23.958	146 28.277	0.01
bass6	52	02/04/89	12:32:51	7.58	0.017	0.076	0.021	0.014	0.000	0.000	5673.0	31.64	14.91	21	54.7	40 23.954	146 27.986	0.00
bass6	53	02/04/89	12:35:09	7.62	0.025	0.091	0.018	0.010	0.000	0.000	5659.4	31.64	14.90	20	55.4	40 23.965	146 27.557	0.01
bass6	54	02/04/89	12:39:12	7.60	0.021	0.090	0.019	0.014	0.000	0.000	5708.6	31.78	14.98	20	55.6	40 23.979	146 27.128	0.01
bass6	55	02/04/89	12:43:21	7.56	0.024	0.090	0.019	0.011	0.000	0.000	5683.7	31.78	14.99	20	55.6	40 24.016	146 26.699	0.01
bass6	57	02/04/89	12:51:05	7.52	0.022	0.092	0.019	0.011	0.000	0.000	5709.6	31.71	14.92	20	55.7	40 24.055	146 26.270	0.01
bass6	58	02/04/89	12:52:53	7.44	0.018	0.084	0.020	0.013	0.000	0.000	5736.6	31.64	14.91	20	55.7	40 24.061	146 25.841	0.01
bass6	59	02/04/89	12:55:08	7.52	0.024	0.092	0.018	0.010	0.000	0.000	5707.0	31.64	14.92	20	55.7	40 24.067	146 25.412	0.01
bass6	60	02/04/89	12:56:57	7.42	0.019	0.085	0.024	0.009	0.000	0.000	5781.4	31.57	14.86	20	55.8	40 24.072	146 24.983	0.01
bass6	61	02/04/89	12:59:09	7.51	0.023	0.091	0.017	0.008	0.000	0.000	5589.8	31.50	14.71	20	55.8	40 24.081	146 24.754	0.01
bass6	62	02/04/89	13:01:02	7.47	0.020	0.088	0.025	0.012	0.000	0.000	5592.6	31.43	14.66	20	55.8	40 24.105	146 24.467	0.01
bass6	63	02/04/89	13:03:13	7.50	0.026	0.095	0.018	0.012	0.000	0.000	5605.6	31.43	14.64	20	55.8	40 24.118	146 24.236	0.01
bass6	64	02/04/89	13:05:05	7.41	0.020	0.087	0.023	0.012	0.000	0.000	5585.2	31.43	14.65	20	55.5	40 24.131	146 23.963	0.01
bass6	65	02/04/89	13:07:17	7.63	0.025	0.092	0.016	0.009	0.000	0.000	5583.7	31.36	14.65	20	55.5	40 24.142	146 23.730	0.01
bass6	66	02/04/89	13:09:08	7.42	0.019	0.085	0.018	0.010	0.000	0.000	5504.9	31.50	14.66	19	55.5	40 24.158	146 23.439	0.00
bass6	67	02/04/89	13:11:21	7.66	0.025	0.089	0.015	0.010	0.000	0.000	5566.6	31.43	14.65	19	54.8	40 24.168	146 23.207	0.01
bass6	68	02/04/89	13:13:12	7.40	0.019	0.083	0.024	0.009	0.000	0.000	5538.3	31.57	14.66	19	53.4	40 24.177	146 22.928	0.01
bass6	69	02/04/89	13:15:24	7.62	0.024	0.087	0.015	0.005	0.000	0.000	5540.0	31.43	14.69	19	53.4	40 24.184	146 22.687	0.01
bass6	70	02/04/89	13:17:16	7.47	0.020	0.081	0.016	0.008	0.000	0.000	5542.4	31.50	14.77	19	53.3	40 24.193	146 22.388	0.00
bass6	71	02/04/89	13:19:28	7.58	0.023	0.088	0.016	0.011	0.000	0.000	5568.7	31.57	14.80	19	53.2	40 24.200	146 22.103	0.01
bass6	72	02/04/89	13:21:20	7.44	0.018	0.082	0.019	0.011	0.000	0.000	5544.4	31.64	14.82	19	52.4	40 24.212	146 21.791	0.00
bass6	73	02/04/89	13:23:33	7.57	0.025	0.093	0.017	0.010	0.000	0.000	5530.4	31.64	14.90	19	52.2	40 24.218	146 21.528	0.01
bass6	75	02/04/89	13:27:37	7.51	0.026	0.101	0.016	0.012	0.000	0.000	5463.1	31.64	14.92	19	52.1	40 24.226	146 21.220	0.01
bass6	76	02/04/89	13:31:41	7.50	0.024	0.101	0.018	0.016	0.000	0.000	5562.9	31.71	14.95	19	52.1	40 24.248	146 20.425	0.01
bass6	77	02/04/89	13:33:04	7.35	0.020	0.091	0.016	0.016	0.000	0.000	5562.9	31.71	14.95	19	52.2	40 24.263	146 20.133	0.00
bass6	78	02/04/89	13:35:46	7.41	0.022	0.094	0.018	0.017	0.000	0.000	5592.9	31.71	14.98	19	52.0	40 24.269	146 19.842	0.01
bass6	79	02/04/89	13:37:08	7.37	0.017	0.092	0.024	0.015	0.000	0.000	5592.9	31.71	14.96	19	51.8	40 24.282	146 19.550	0.01
bass6	80	02/04/89	13:39:49	7.35	0.024	0.095	0.020	0.014	0.000	0.000	5653.7	31.64	14.94	19	51.8	40 24.289	146 19.259	0.01
bass6	81	02/04/89	13:41:12	7.40	0.017	0.087	0.023	0.015	0.000	0.000	5653.7	31.64	14.90	19	51.8	40 24.304	146 18.873	0.01

TEG Light Hydrocarbon and CTD Data - Bass Basin Block T/22P

line	shot	date	time	methane	ethane	ethylene	propane	propylene	ibutane	nbutane	CO2	salinity	temp(C)	height(m)	depth(m)	latitude	longitude	% wetness
bass6	82	02/04/89	13:43:53	7.35	0.020	0.091	0.020	0.018	0.000	0.000	5670.4	31.71	14.89	19	51.8	40 24.309	146 18.679	0.01
bass6	83	02/04/89	13:45:16	7.41	0.018	0.085	0.023	0.017	0.000	0.000	5673.0	31.57	14.87	19	51.8	40 24.318	146 18.294	0.01
bass6	84	02/04/89	13:47:57	7.32	0.023	0.091	0.019	0.019	0.000	0.000	5573.3	31.64	14.85	20	51.9	40 24.330	146 18.080	0.01
bass6	85	02/04/89	13:49:20	7.37	0.020	0.083	0.020	0.015	0.000	0.000	5650.6	31.57	14.86	20	51.5	40 24.346	146 17.699	0.01
bass6	86	02/04/89	13:52:00	7.32	0.026	0.092	0.018	0.014	0.000	0.000	5596.0	31.57	14.85	20	51.3	40 24.354	146 17.507	0.01
bass6	87	02/04/89	13:53:25	7.38	0.019	0.086	0.024	0.016	0.000	0.000	5591.7	31.57	14.85	20	51.3	40 24.377	146 17.119	0.01
bass6	88	02/04/89	13:56:04	7.33	0.023	0.090	0.019	0.014	0.000	0.000	5605.3	32.27	14.62	20	51.3	40 24.400	146 16.720	0.01
bass6	89	02/04/89	14:00:08	7.33	0.022	0.090	0.017	0.015	0.000	0.000	5549.7	32.27	14.66	20	51.0	40 24.418	146 16.322	0.01
bass6	91	02/04/89	14:04:11	7.35	0.020	0.095	0.016	0.015	0.000	0.000	5359.1	31.64	14.84	20	51.2	40 24.427	146 15.740	0.00
bass6	92	02/04/89	14:05:35	7.34	0.018	0.100	0.019	0.016	0.000	0.000	5392.7	31.64	14.86	20	51.6	40 24.463	146 15.359	0.01
bass7	1	02/04/89	14:08:15	7.39	0.029	0.101	0.017	0.016	0.000	0.000	5372.1	31.64	14.91	20	51.8	40 24.493	146 15.123	0.01
bass7	2	02/04/89	14:09:50	7.42	0.019	0.091	0.017	0.015	0.000	0.000	5343.2	31.64	14.80	20	52.0	40 24.558	146 14.773	0.00
bass7	3	02/04/89	14:12:20	7.49	0.024	0.096	0.016	0.016	0.000	0.000	5279.3	31.64	14.86	20	51.8	40 24.600	146 14.564	0.01
bass7	4	02/04/89	14:13:54	7.46	0.020	0.089	0.021	0.015	0.000	0.000	5270.8	31.64	14.91	20	51.8	40 24.673	146 14.216	0.01
bass7	5	02/04/89	14:16:24	7.47	0.026	0.095	0.017	0.012	0.000	0.000	5251.5	31.64	14.86	20	51.8	40 24.717	146 14.011	0.01
bass7	6	02/04/89	14:17:57	7.44	0.023	0.085	0.017	0.012	0.000	0.000	5276.1	31.57	14.86	20	51.8	40 24.792	146 13.672	0.01
bass7	7	02/04/89	14:20:28	7.48	0.024	0.096	0.016	0.012	0.000	0.000	5178.7	31.57	14.78	20	52.1	40 24.842	146 13.438	0.01
bass7	8	02/04/89	14:22:30	7.48	0.023	0.098	0.016	0.012	0.000	0.000	5190.0	31.57	14.75	20	52.1	40 24.917	146 13.094	0.01
bass7	9	02/04/89	14:24:32	7.52	0.026	0.099	0.015	0.016	0.000	0.000	5238.5	31.57	14.71	20	55.7	40 25.000	146 12.650	0.01
bass7	10	02/04/89	14:28:36	7.53	0.024	0.096	0.015	0.015	0.000	0.000	5232.5	31.50	14.72	20	55.4	40 25.069	146 12.363	0.01
bass7	12	02/04/89	14:32:40	7.41	0.026	0.089	0.016	0.008	0.000	0.000	5423.0	31.50	14.74	20	55.4	40 25.142	146 11.990	0.01
bass7	13	02/04/89	14:36:00	7.36	0.026	0.078	0.016	0.010	0.000	0.000	5423.0	31.50	14.75	20	55.4	40 25.220	146 11.516	0.01
bass7	14	02/04/89	14:38:00	7.38	0.024	0.083	0.016	0.011	0.000	0.000	5480.2	31.50	14.72	20	55.2	40 25.300	146 11.042	0.01
bass7	15	02/04/89	14:40:54	7.32	0.023	0.079	0.016	0.012	0.000	0.000	5530.2	31.50	14.71	22	55.1	40 25.377	146 10.569	0.01
bass7	16	02/04/89	14:42:42	7.24	0.022	0.084	0.016	0.013	0.000	0.000	5522.2	31.57	14.72	22	55.2	40 25.425	146 10.265	0.01
bass7	17	02/04/89	14:44:58	7.23	0.020	0.074	0.018	0.013	0.000	0.000	5537.7	31.50	14.74	22	55.1	40 25.461	146 10.031	0.01
bass7	18	02/04/89	14:46:46	7.23	0.022	0.083	0.016	0.014	0.000	0.000	5531.7	31.57	14.72	22	55.3	40 25.518	146 9.712	0.01
bass7	19	02/04/89	14:48:00	7.28	0.021	0.087	0.017	0.013	0.000	0.000	5502.3	31.57	14.72	22	55.2	40 25.550	146 9.516	0.01
bass7	20	02/04/89	14:50:50	7.33	0.024	0.090	0.015	0.012	0.000	0.000	5465.3	31.57	14.74	15	54.8	40 25.600	146 9.200	0.01
bass7	21	02/04/89	14:54:55	7.30	0.021	0.089	0.015	0.013	0.000	0.000	5482.5	31.57	14.73	15	54.9	40 25.657	146 8.857	0.00
bass7	22	02/04/89	14:58:59	7.18	0.024	0.083	0.018	0.017	0.000	0.000	5596.9	31.57	14.73	15	54.9	40 25.779	146 8.077	0.01
bass7	23	02/04/89	15:00:22	7.16	0.023	0.076	0.016	0.017	0.000	0.000	5583.7	31.57	14.72	15	54.8	40 25.849	146 7.705	0.01
bass7	24	02/04/89	15:03:03	7.15	0.022	0.084	0.018	0.015	0.000	0.000	5583.7	31.57	14.74	15	54.7	40 25.886	146 7.522	0.01
bass7	25	02/04/89	15:04:26	7.20	0.020	0.073	0.020	0.015	0.000	0.000	5530.6	31.57	14.75	15	55.0	40 25.961	146 7.147	0.01
bass7	26	02/04/89	15:07:07	7.25	0.021	0.083	0.015	0.012	0.000	0.000	5463.7	31.57	14.70	15	54.8	40 25.998	146 6.958	0.00
bass7	27	02/04/89	15:08:30	7.22	0.022	0.076	0.011	0.012	0.000	0.000	5438.2	31.50	14.68	15	54.9	40 26.073	146 6.594	0.00
bass7	28	02/04/89	15:11:10	7.17	0.023	0.082	0.017	0.013	0.000	0.000	5524.7	31.50	14.56	15	54.9	40 26.117	146 6.381	0.01
bass7	29	02/04/89	15:12:34	7.11	0.020	0.074	0.019	0.016	0.000	0.000	5420.1	31.50	14.56	15	54.9	40 26.187	146 6.004	0.01
bass7	30	02/04/89	15:15:14	7.15	0.022	0.083	0.018	0.014	0.000	0.000	5728.9	31.50	14.56	15	54.5	40 26.220	146 5.817	0.01
bass7	31	02/04/89	15:16:38	7.12	0.020	0.072	0.022	0.012	0.000	0.000	5546.6	31.50	14.61	17	54.7	40 26.270	146 5.430	0.01
bass7	32	02/04/89	15:19:18	7.16	0.020	0.079	0.011	0.009	0.000	0.000	5745.4	31.43	14.52	17	54.9	40 26.321	146 5.250	0.00
bass7	33	02/04/89	15:20:41	7.15	0.018	0.071	0.022	0.013	0.000	0.000	5763.5	31.43	14.51	17	54.8	40 26.396	146 4.856	0.01
bass7	34	02/04/89	15:23:23	7.18	0.021	0.080	0.015	0.014	0.000	0.000	5745.7	31.43	14.46	17	54.6	40 26.433	146 4.667	0.00
bass7	35	02/04/89	15:24:44	7.14	0.018	0.071	0.015	0.013	0.000	0.000	5745.7	31.43	14.47	17	55.2	40 26.508	146 4.297	0.00
bass7	36	02/04/89	15:27:27	7.20	0.024	0.081	0.015	0.013	0.000	0.000	5833.6	31.43	14.49	17	54.9	40 26.544	146 4.114	0.01
bass7	37	02/04/89	15:28:48	7.17	0.020	0.071	0.021	0.010	0.000	0.000	5833.6	31.43	14.55	17	55.0	40 26.617	146 3.746	0.01
bass7	38	02/04/89	15:31:30	7.20	0.022	0.080	0.014	0.012	0.000	0.000	5812.7	31.43	14.54	17	55.0	40 26.658	146 3.536	0.00
bass7	39	02/04/89	15:32:52	7.15	0.018	0.069	0.016	0.013	0.000	0.000	5812.7	31.43	14.52	17	55.1	40 26.731	146 3.168	0.00
bass7	40	02/04/89	15:35:34	7.20	0.022	0.078	0.015	0.015	0.000	0.000	5727.5	31.50	14.57	17	55.2	40 26.765	146 2.985	0.01
bass7	41	02/04/89	15:36:56	7.16	0.020	0.071	0.017	0.008	0.000	0.000	5716.0	31.50	14.52	17	55.4	40 26.835	146 2.613	0.01
bass7	42	02/04/89	15:39:38	7.19	0.021	0.082	0.014	0.012	0.000	0.000	5700.9	31.43	14.48	17	55.7	40 26.871	146 2.432	0.00
bass7	43	02/04/89	15:41:00	7.15	0.018	0.072	0.017	0.012	0.000	0.000	5678.3	31.43	14.47	17	55.3	40 26.936	146 2.062	0.00
bass7	44	02/04/89	15:43:42	7.20	0.022	0.079	0.014	0.015	0.000	0.000	5667.4	31.43	14.45	17	55.2	40 26.970	146 1.849	0.00
bass7	45	02/04/89	15:45:04	7.18	0.017	0.072	0.017	0.014	0.000	0.000	5601.9	31.36	14.41	17	55.1	40 27.029	146 1.478	0.00

TEG Light Hydrocarbon and CTD Data - Bass Basin Block T/22P

line	shot	date	time	methane	ethane	ethylene	propane	propylene	ibutane	nbutane	CO2	salinity	temp(C)	height(m)	depth(m)	latitude	longitude	% wetness
bass7	46	02/04/89	15:47:45	7.24	0.019	0.071	0.014	0.014	0.000	0.000	5624.1	31.36	14.38	17	55.1	40 27.064	146 1.287	0.00
bass7	47	02/04/89	15:49:08	7.12	0.020	0.072	0.019	0.013	0.000	0.000	5630.6	31.29	14.39	17	55.2	40 27.133	146 .912	0.01
bass7	48	02/04/89	15:51:49	7.26	0.023	0.079	0.018	0.013	0.000	0.000	5629.1	31.22	14.33	17	55.3	40 27.166	146 .731	0.01
bass7	49	02/04/89	15:53:11	7.12	0.020	0.070	0.016	0.012	0.000	0.000	5603.0	31.22	14.33	17	55.2	40 27.236	146 .361	0.01
bass7	50	02/04/89	15:55:52	7.27	0.021	0.078	0.015	0.013	0.000	0.000	5622.4	31.29	14.33	17	55.1	40 27.274	146 .154	0.00
bass7	51	02/04/89	15:57:15	7.23	0.020	0.069	0.020	0.012	0.000	0.000	5604.7	31.29	14.33	17	54.6	40 27.337	145 59.782	0.01
bass7	52	02/04/89	15:59:56	7.28	0.020	0.078	0.015	0.012	0.000	0.000	5605.6	31.29	14.32	17	53.9	40 27.370	145 59.592	0.00
bass7	53	02/04/89	16:01:18	7.26	0.020	0.069	0.020	0.007	0.000	0.000	5604.0	31.29	14.34	17	52.7	40 27.436	145 59.214	0.01
bass7	54	02/04/89	16:04:00	7.29	0.022	0.078	0.015	0.012	0.000	0.000	5589.6	31.22	14.33	17	53.9	40 27.471	145 59.017	0.01
bass7	55	02/04/89	16:05:22	7.26	0.018	0.069	0.017	0.012	0.000	0.000	5587.2	31.22	14.30	17	53.8	40 27.543	145 58.590	0.00
bass7	56	02/04/89	16:08:03	7.32	0.023	0.078	0.015	0.011	0.000	0.000	5594.6	31.15	14.30	17	55.3	40 27.578	145 58.387	0.01
bass7	57	02/04/89	16:09:26	7.29	0.019	0.070	0.021	0.011	0.000	0.000	5568.9	31.22	14.29	17	55.4	40 27.645	145 57.980	0.01
bass7	58	02/04/89	16:12:07	7.32	0.021	0.079	0.015	0.015	0.000	0.000	5579.9	31.78	14.09	17	55.4	40 27.682	145 57.781	0.00
bass7	59	02/04/89	16:13:30	7.28	0.019	0.069	0.018	0.011	0.000	0.000	5590.7	31.36	14.19	17	55.4	40 27.758	145 57.382	0.01
bass7	60	02/04/89	16:16:12	7.31	0.026	0.079	0.014	0.010	0.000	0.000	5554.7	31.22	14.29	17	55.4	40 27.801	145 57.156	0.01
bass7	61	02/04/89	16:17:33	7.25	0.020	0.070	0.015	0.011	0.000	0.000	5554.7	31.22	14.29	17	55.8	40 27.897	145 56.743	0.00
bass7	62	02/04/89	16:20:15	7.31	0.025	0.080	0.016	0.011	0.000	0.000	5500.7	31.22	14.26	17	56.4	40 27.935	145 56.541	0.01
bass7	63	02/04/89	16:21:37	7.27	0.018	0.069	0.018	0.011	0.000	0.000	5500.7	31.22	14.26	17	56.4	40 28.003	145 56.158	0.00
bass7	64	02/04/89	16:24:19	7.34	0.023	0.077	0.016	0.010	0.000	0.000	5472.3	31.22	14.25	17	56.4	40 28.043	145 55.959	0.01
bass7	65	02/04/89	16:25:42	7.21	0.021	0.070	0.018	0.011	0.000	0.000	5472.3	31.22	14.27	17	57.3	40 28.117	145 55.565	0.01
bass7	66	02/04/89	16:28:22	7.35	0.024	0.074	0.014	0.011	0.000	0.000	5504.5	31.22	14.28	17	57.9	40 28.156	145 55.347	0.01
bass7	67	02/04/89	16:29:46	7.02	0.020	0.069	0.018	0.012	0.000	0.000	5469.5	31.22	14.28	15	58.1	40 28.224	145 54.968	0.01
bass7	68	02/04/89	16:32:27	7.36	0.022	0.071	0.014	0.011	0.000	0.000	5461.7	31.22	14.27	15	58.2	40 28.255	145 54.778	0.00
bass7	69	02/04/89	16:33:50	7.02	0.019	0.069	0.018	0.011	0.000	0.000	5469.2	31.22	14.27	15	58.1	40 28.323	145 54.406	0.01
bass7	70	02/04/89	16:36:31	7.35	0.023	0.076	0.016	0.012	0.000	0.000	5485.5	31.15	14.24	15	58.1	40 28.358	145 54.197	0.01
bass7	71	02/04/89	16:37:55	7.01	0.018	0.069	0.015	0.012	0.000	0.000	5500.3	31.22	14.26	15	57.9	40 28.426	145 53.815	0.00
bass7	72	02/04/89	16:40:35	7.34	0.020	0.076	0.011	0.012	0.000	0.000	5484.5	31.15	14.25	10	58.0	40 28.460	145 53.626	0.00
bass7	73	02/04/89	16:41:59	7.00	0.021	0.068	0.014	0.009	0.000	0.000	5508.6	31.15	14.23	10	58.1	40 28.530	145 53.245	0.00
bass7	74	02/04/89	16:44:36	7.33	0.025	0.079	0.015	0.012	0.000	0.000	5498.6	31.15	14.24	10	58.3	40 28.564	145 53.062	0.01
bass7	75	02/04/89	16:46:02	6.99	0.020	0.068	0.017	0.010	0.000	0.000	5547.3	31.22	14.24	10	58.1	40 28.633	145 52.685	0.01
bass7	76	02/04/89	16:48:40	7.33	0.021	0.077	0.016	0.009	0.000	0.000	5521.9	31.15	14.24	10	58.1	40 28.672	145 52.480	0.01
bass7	77	02/04/89	16:50:05	6.98	0.019	0.068	0.018	0.010	0.000	0.000	5528.1	31.78	14.03	10	58.0	40 28.734	145 52.126	0.01
bass7	78	02/04/89	16:52:44	7.32	0.023	0.077	0.013	0.010	0.000	0.000	5558.3	31.22	14.23	10	58.2	40 28.774	145 51.918	0.00
bass7	79	02/04/89	16:54:09	6.98	0.021	0.068	0.018	0.009	0.000	0.000	5572.4	31.78	14.01	8	58.1	40 28.846	145 51.542	0.01
bass7	80	02/04/89	16:56:47	7.30	0.024	0.074	0.014	0.007	0.000	0.000	5534.9	31.43	14.11	8	58.1	40 28.884	145 51.330	0.01
bass7	81	02/04/89	16:58:14	6.95	0.018	0.067	0.013	0.009	0.000	0.000	5705.3	31.15	14.21	8	58.1	40 28.944	145 50.984	0.00
bass7	82	02/04/89	17:00:50	7.29	0.022	0.075	0.015	0.011	0.000	0.000	5719.7	31.15	14.21	8	58.2	40 28.981	145 50.775	0.01
bass7	83	02/04/89	17:02:18	6.96	0.018	0.067	0.011	0.006	0.000	0.000	5725.0	31.15	14.21	8	58.1	40 29.046	145 50.425	0.00
bass8	1	02/04/89	17:04:54	7.29	0.024	0.078	0.014	0.010	0.000	0.000	5754.3	31.15	14.22	10	58.9	40 29.084	145 50.206	0.01
bass8	2	02/04/89	17:06:25	6.96	0.018	0.066	0.015	0.011	0.000	0.000	5743.1	31.15	14.21	10	60.3	40 29.231	145 49.916	0.00
bass8	3	02/04/89	17:09:02	7.29	0.021	0.075	0.014	0.010	0.000	0.000	5762.5	31.22	14.21	10	62.4	40 29.377	145 49.836	0.00
bass8	4	02/04/89	17:10:29	6.94	0.017	0.066	0.013	0.009	0.000	0.000	5762.5	31.15	14.20	10	62.6	40 29.481	145 50.083	0.00
bass8	5	02/04/89	17:13:06	7.30	0.024	0.075	0.015	0.006	0.000	0.000	5791.6	31.15	14.22	10	59.9	40 29.393	145 50.200	0.01
bass8	6	02/04/89	17:14:32	6.97	0.018	0.068	0.016	0.006	0.000	0.000	5791.6	31.15	14.22	10	59.7	40 29.181	145 50.429	0.00
bass8	7	02/04/89	17:17:10	7.30	0.021	0.075	0.013	0.009	0.000	0.000	5769.4	31.15	14.21	10	59.6	40 29.055	145 50.559	0.00
bass8	8	02/04/89	17:18:36	6.96	0.017	0.066	0.016	0.010	0.000	0.000	5769.4	31.08	14.21	10	59.7	40 28.846	145 50.773	0.00
bass8	9	02/04/89	17:21:13	7.29	0.020	0.076	0.015	0.009	0.000	0.000	5806.7	31.15	14.19	10	59.3	40 28.722	145 50.903	0.00
bass8	10	02/04/89	17:22:40	6.95	0.018	0.066	0.015	0.008	0.000	0.000	5800.6	31.15	14.20	10	59.4	40 28.499	145 51.136	0.00
bass8	11	02/04/89	17:25:17	7.28	0.020	0.073	0.015	0.008	0.000	0.000	5835.2	31.15	14.20	10	59.8	40 28.386	145 51.253	0.00
bass8	12	02/04/89	17:26:44	6.94	0.018	0.066	0.017	0.008	0.000	0.000	5799.8	31.15	14.23	6	58.8	40 28.165	145 51.486	0.01
bass8	13	02/04/89	17:29:20	7.28	0.020	0.069	0.016	0.009	0.000	0.000	5796.8	31.08	14.23	6	58.6	40 28.038	145 51.614	0.00
bass8	14	02/04/89	17:30:48	6.93	0.017	0.066	0.014	0.009	0.000	0.000	5816.9	31.15	14.24	6	58.6	40 27.822	145 51.832	0.00
bass8	15	02/04/89	17:33:24	7.28	0.024	0.067	0.012	0.010	0.000	0.000	5780.0	31.15	14.23	6	58.7	40 27.691	145 51.962	0.00
bass8	16	02/04/89	17:34:52	6.93	0.017	0.067	0.017	0.008	0.000	0.000	5771.0	31.15	14.24	6	58.8	40 27.461	145 52.198	0.00

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TEG Light Hydrocarbon and CTD Data - Bass Basin Block T/22P

line	shot	date	time	methane	ethane	ethylene	propane	propylene	ibutane	nbutane	CO2	salinity	temp(C)	height(m)	depth(m)	latitude	Longitude	% wetness
bass8	17	02/04/89	17:37:28	7.30	0.020	0.072	0.014	0.010	0.000	0.000	5735.5	31.15	14.25	6	58.5	40 27.331	145 52.330	0.00
bass8	18	02/04/89	17:38:56	6.94	0.018	0.067	0.016	0.011	0.000	0.000	5708.0	31.22	14.26	6	58.6	40 27.113	145 52.549	0.00
bass8	19	02/04/89	17:41:32	7.30	0.021	0.077	0.014	0.011	0.000	0.000	5714.2	31.15	14.26	12	58.5	40 26.984	145 52.683	0.00
bass8	20	02/04/89	17:42:59	6.98	0.018	0.067	0.014	0.009	0.000	0.000	5658.7	31.15	14.26	12	58.5	40 26.749	145 52.912	0.00
bass8	21	02/04/89	17:45:36	7.31	0.022	0.076	0.015	0.010	0.000	0.000	5635.9	31.15	14.27	12	58.5	40 26.633	145 53.027	0.01
bass8	22	02/04/89	17:47:03	6.98	0.018	0.068	0.014	0.011	0.000	0.000	5617.2	31.22	14.27	12	59.0	40 26.399	145 53.253	0.00
bass8	23	02/04/89	17:49:39	7.31	0.026	0.079	0.014	0.012	0.000	0.000	5608.1	31.22	14.27	12	59.0	40 26.270	145 53.381	0.01
bass8	24	02/04/89	17:51:08	6.97	0.018	0.068	0.015	0.011	0.000	0.000	5621.7	31.22	14.27	12	58.7	40 26.056	145 53.599	0.00
bass8	25	02/04/89	17:53:43	7.30	0.018	0.075	0.016	0.012	0.000	0.000	5637.2	31.15	14.28	12	59.0	40 25.926	145 53.729	0.00
bass8	26	02/04/89	17:55:14	6.95	0.019	0.068	0.019	0.010	0.000	0.000	5623.0	31.22	14.28	12	59.0	40 25.697	145 53.963	0.01
bass8	27	02/04/89	17:57:46	7.30	0.021	0.069	0.015	0.013	0.000	0.000	5624.4	31.22	14.28	12	58.9	40 25.568	145 54.093	0.00
bass8	28	02/04/89	17:59:18	6.97	0.018	0.069	0.014	0.010	0.000	0.000	5646.0	31.22	14.28	12	58.9	40 25.367	145 54.296	0.00
bass8	29	02/04/89	18:01:51	7.33	0.027	0.078	0.016	0.012	0.000	0.000	5589.8	31.29	14.24	12	59.1	40 25.225	145 54.443	0.01
bass8	30	02/04/89	18:03:21	6.95	0.019	0.068	0.017	0.012	0.000	0.000	5589.8	31.22	14.28	12	59.0	40 25.014	145 54.659	0.01
bass8	31	02/04/89	18:05:55	7.31	0.025	0.080	0.016	0.011	0.000	0.000	5559.6	31.22	14.28	12	59.1	40 24.889	145 54.789	0.01
bass8	32	02/04/89	18:07:25	6.95	0.019	0.066	0.018	0.012	0.000	0.000	5559.6	31.22	14.29	10	59.1	40 24.662	145 55.021	0.01
bass8	33	02/04/89	18:09:59	7.31	0.022	0.074	0.014	0.011	0.000	0.000	5500.1	31.22	14.29	10	59.0	40 24.534	145 55.153	0.00
bass8	34	02/04/89	18:11:28	6.96	0.018	0.067	0.015	0.009	0.000	0.000	5500.1	31.22	14.28	10	58.6	40 24.324	145 55.371	0.00
bass8	35	02/04/89	18:14:03	7.19	0.023	0.074	0.016	0.012	0.000	0.000	5620.5	31.15	14.28	10	58.4	40 24.195	145 55.499	0.01
bass8	36	02/04/89	18:15:33	6.95	0.019	0.068	0.017	0.013	0.000	0.000	5660.7	31.15	14.29	10	58.3	40 23.964	145 55.732	0.01
bass8	37	02/04/89	18:18:07	7.30	0.025	0.076	0.014	0.014	0.000	0.000	5645.6	31.85	14.07	10	58.1	40 23.833	145 55.862	0.01
bass8	38	02/04/89	18:19:37	6.95	0.019	0.068	0.017	0.012	0.000	0.000	5647.4	31.22	14.31	10	58.1	40 23.610	145 56.083	0.01
bass8	39	02/04/89	18:22:11	7.29	0.024	0.076	0.017	0.013	0.000	0.000	5646.8	31.85	14.09	10	58.1	40 23.477	145 56.213	0.01
bass8	40	02/04/89	18:23:40	6.95	0.017	0.068	0.015	0.013	0.000	0.000	5660.2	31.29	14.31	10	57.7	40 23.256	145 56.433	0.00
bass8	41	02/04/89	18:26:14	7.29	0.026	0.079	0.015	0.014	0.000	0.000	5691.0	31.85	14.13	13	57.9	40 23.123	145 56.563	0.01
bass8	42	02/04/89	18:27:45	6.94	0.018	0.067	0.017	0.012	0.000	0.000	5691.5	31.29	14.33	13	58.4	40 22.889	145 56.796	0.01
bass8	43	02/04/89	18:30:17	7.29	0.024	0.078	0.016	0.009	0.000	0.000	5720.5	31.29	14.33	13	58.4	40 22.771	145 56.913	0.01
bass8	44	02/04/89	18:31:49	6.95	0.018	0.066	0.018	0.013	0.000	0.000	5711.9	31.29	14.34	13	58.0	40 22.540	145 57.145	0.01
bass8	45	02/04/89	18:34:22	7.30	0.023	0.073	0.015	0.013	0.000	0.000	5691.8	31.29	14.36	13	58.4	40 22.411	145 57.279	0.01
bass8	46	02/04/89	18:35:52	6.96	0.019	0.068	0.017	0.010	0.000	0.000	5716.1	31.22	14.36	13	58.1	40 22.196	145 57.499	0.01
bass8	47	02/04/89	18:38:26	7.32	0.024	0.078	0.016	0.008	0.000	0.000	5724.1	31.29	14.37	13	58.1	40 22.066	145 57.631	0.01
bass8	48	02/04/89	18:39:56	6.97	0.018	0.067	0.016	0.013	0.000	0.000	5721.1	31.29	14.37	13	58.1	40 21.835	145 57.861	0.00
bass8	49	02/04/89	18:42:29	7.32	0.022	0.077	0.015	0.011	0.000	0.000	5711.4	31.29	14.38	13	58.0	40 21.706	145 57.995	0.01
bass8	50	02/04/89	18:44:00	6.97	0.019	0.068	0.018	0.010	0.000	0.000	5774.4	31.29	14.38	11	58.1	40 21.487	145 58.128	0.01
bass8	51	02/04/89	18:46:33	7.30	0.025	0.079	0.014	0.011	0.000	0.000	5753.5	31.22	14.39	11	58.2	40 21.355	145 58.261	0.01
bass8	52	02/04/89	18:48:04	6.56	0.017	0.066	0.015	0.007	0.000	0.000	5776.9	31.22	14.38	11	58.5	40 20.869	145 58.394	0.00
bass8	53	02/04/89	18:50:37	7.29	0.023	0.078	0.014	0.011	0.000	0.000	5789.2	31.22	14.37	11	58.5	40 20.748	145 58.528	0.01
bass8	54	02/04/89	18:52:07	6.93	0.018	0.069	0.019	0.013	0.000	0.000	5786.4	31.29	14.36	11	58.6	40 20.543	145 58.661	0.01
bass8	55	02/04/89	18:54:42	7.26	0.020	0.075	0.014	0.011	0.000	0.000	5780.2	31.22	14.35	11	58.5	40 20.420	145 58.794	0.00
bass8	56	02/04/89	18:56:10	6.91	0.017	0.067	0.018	0.009	0.000	0.000	5816.0	31.92	14.15	11	58.3	40 20.217	145 58.927	0.01
bass8	57	02/04/89	18:58:45	7.25	0.024	0.077	0.015	0.009	0.000	0.000	5880.1	31.22	14.36	11	58.4	40 20.095	145 59.060	0.01
bass8	58	02/04/89	19:00:14	6.90	0.018	0.068	0.016	0.010	0.000	0.000	5880.1	31.22	14.36	11	58.2	40 19.880	145 59.193	0.00
bass8	59	02/04/89	19:02:48	7.24	0.022	0.076	0.015	0.011	0.000	0.000	5920.8	31.22	14.36	11	58.3	40 19.759	145 59.326	0.01
bass8	60	02/04/89	19:04:19	6.89	0.018	0.066	0.014	0.013	0.000	0.000	5920.8	31.29	14.37	11	58.3	40 19.583	145 59.459	0.00
bass8	61	02/04/89	19:06:50	7.23	0.023	0.076	0.015	0.012	0.000	0.000	5916.5	31.22	14.36	11	58.2	40 19.434	145 59.592	0.01
bass8	62	02/04/89	19:08:22	6.89	0.017	0.065	0.021	0.012	0.000	0.000	5916.5	31.29	14.36	11	58.1	40 19.231	145 59.725	0.01
bass8	63	02/04/89	19:10:54	7.24	0.024	0.077	0.016	0.011	0.000	0.000	5962.4	31.29	14.37	11	58.3	40 19.108	145 59.895	0.01
bass8	64	02/04/89	19:12:23	6.89	0.017	0.066	0.016	0.011	0.000	0.000	5962.4	31.29	14.38	11	58.3	40 18.902	145 59.992	0.00
bass8	65	02/04/89	19:14:57	7.24	0.023	0.079	0.013	0.011	0.000	0.000	5948.0	31.29	14.37	11	58.3	40 18.777	146 .125	0.00
bass8	66	02/04/89	19:16:27	6.90	0.017	0.065	0.015	0.012	0.000	0.000	5804.3	31.29	14.38	11	60.8	40 18.520	146 .258	0.00
bass8	67	02/04/89	19:19:01	7.22	0.026	0.075	0.015	0.011	0.000	0.000	5727.9	31.36	14.37	11	61.1	40 18.413	146 .391	0.01
bass8	68	02/04/89	19:20:31	6.85	0.016	0.063	0.017	0.012	0.000	0.000	5718.8	31.29	14.38	11	58.5	40 18.553	146 .525	0.00
bass8	69	02/04/89	19:23:04	7.15	0.025	0.075	0.016	0.012	0.000	0.000	5707.7	31.29	14.39	11	55.9	40 18.673	146 .658	0.01
bass8	70	02/04/89	19:24:35	6.78	0.017	0.063	0.015	0.012	0.000	0.000	5531.5	31.22	14.36	11	58.6	40 18.885	146 .791	0.00

TEG Light Hydrocarbon and CTD Data - Bass Basin Block T/22P

line	shot	date	time	methane	ethane	ethylene	propane	propylene	ibutane	nbutane	CO2	salinity	temp(C)	height(m)	depth(m)	latitude	longitude	% wetness
bass8	71	02/04/89	19:27:08	7.12	0.020	0.074	0.014	0.011	0.000	0.000	5901.7	31.29	14.36	15	58.5	40 18.998	146 .630	0.00
bass9	1	02/04/89	19:28:37	6.78	0.016	0.064	0.017	0.011	0.000	0.000	5840.1	31.29	14.35	13	58.5	40 19.182	146 .364	0.00
bass9	2	02/04/89	19:31:15	7.13	0.026	0.077	0.014	0.013	0.000	0.000	5809.5	31.22	14.36	13	58.4	40 19.292	146 .203	0.01
bass9	3	02/04/89	19:32:45	6.78	0.017	0.064	0.018	0.011	0.000	0.000	5859.0	31.29	14.36	13	58.1	40 19.485	145 59.910	0.01
bass9	4	02/04/89	19:35:19	7.12	0.023	0.073	0.016	0.011	0.000	0.000	5844.6	31.22	14.36	13	58.2	40 19.592	145 59.747	0.01
bass9	5	02/04/89	19:36:49	6.78	0.018	0.064	0.016	0.013	0.000	0.000	5825.2	31.22	14.35	13	58.3	40 19.637	145 59.453	0.00
bass9	6	02/04/89	19:39:22	7.11	0.025	0.074	0.014	0.012	0.000	0.000	5841.1	31.22	14.36	13	58.3	40 19.682	145 59.295	0.01
bass9	7	02/04/89	19:40:53	6.77	0.018	0.065	0.018	0.012	0.000	0.000	5769.2	31.29	14.37	13	58.3	40 19.872	145 59.033	0.01
bass9	8	02/04/89	19:43:27	7.11	0.021	0.072	0.015	0.010	0.000	0.000	5775.3	31.22	14.37	13	58.3	40 19.987	145 58.878	0.01
bass9	9	02/04/89	19:44:57	6.77	0.017	0.064	0.016	0.007	0.000	0.000	5759.4	31.22	14.38	13	58.3	40 20.190	145 58.596	0.00
bass9	10	02/04/89	19:47:31	7.18	0.019	0.066	0.018	0.010	0.000	0.000	5735.3	31.29	14.36	13	58.4	40 20.304	145 58.438	0.01
bass9	11	02/04/89	19:49:01	6.77	0.018	0.066	0.019	0.011	0.000	0.000	5747.3	31.29	14.38	13	58.3	40 20.495	145 58.176	0.01
bass9	12	02/04/89	19:51:36	7.11	0.023	0.075	0.014	0.010	0.000	0.000	5696.1	31.29	14.39	13	58.2	40 20.609	145 58.019	0.01
bass9	13	02/04/89	19:53:06	6.77	0.015	0.065	0.010	0.010	0.000	0.000	5688.1	31.29	14.37	13	58.3	40 20.811	145 57.739	0.00
bass9	14	02/04/89	19:55:40	7.11	0.023	0.077	0.013	0.012	0.000	0.000	5615.4	31.29	14.38	13	58.3	40 20.926	145 57.583	0.01
bass9	15	02/04/89	19:57:09	6.79	0.018	0.065	0.019	0.010	0.000	0.000	5615.4	31.29	14.38	13	58.1	40 21.117	145 57.321	0.01
bass9	16	02/04/89	19:59:45	7.17	0.022	0.077	0.014	0.011	0.000	0.000	5575.5	31.29	14.37	13	58.1	40 21.231	145 57.167	0.00
bass9	17	02/04/89	20:01:13	6.85	0.017	0.066	0.014	0.011	0.000	0.000	5575.5	31.22	14.35	13	58.2	40 21.582	145 56.865	0.00
bass9	18	02/04/89	20:03:49	7.00	0.026	0.075	0.013	0.010	0.000	0.000	5598.7	31.29	14.36	13	58.2	40 21.680	145 56.719	0.01
bass9	19	02/04/89	20:05:17	6.88	0.018	0.066	0.018	0.011	0.000	0.000	5598.7	31.29	14.35	12	58.1	40 21.869	145 56.426	0.01
bass9	20	02/04/89	20:07:52	7.25	0.023	0.077	0.015	0.010	0.000	0.000	5598.4	31.29	14.34	12	58.2	40 21.975	145 56.261	0.01
bass9	21	02/04/89	20:09:22	6.91	0.018	0.067	0.015	0.012	0.000	0.000	5568.3	31.22	14.32	12	58.2	40 22.153	145 55.983	0.00
bass9	22	02/04/89	20:11:56	7.25	0.023	0.077	0.016	0.011	0.000	0.000	5602.0	31.36	14.32	12	58.1	40 22.261	145 55.816	0.01
bass9	23	02/04/89	20:13:26	6.92	0.017	0.067	0.015	0.011	0.000	0.000	5579.6	31.29	14.31	12	58.3	40 22.449	145 55.516	0.00
bass9	24	02/04/89	20:16:01	7.27	0.020	0.071	0.014	0.012	0.000	0.000	5604.2	31.22	14.29	12	58.1	40 22.555	145 55.347	0.00
bass9	25	02/04/89	20:17:30	6.93	0.018	0.066	0.017	0.012	0.000	0.000	5558.1	31.22	14.30	12	58.1	40 22.732	145 55.071	0.01
bass9	26	02/04/89	20:20:05	7.27	0.021	0.070	0.017	0.010	0.000	0.000	5622.6	31.15	14.29	12	58.2	40 22.839	145 54.906	0.01
bass9	27	02/04/89	20:21:35	6.92	0.018	0.067	0.017	0.013	0.000	0.000	5575.2	31.15	14.30	12	58.4	40 23.027	145 54.611	0.01
bass9	28	02/04/89	20:24:10	7.27	0.023	0.075	0.015	0.013	0.000	0.000	5577.7	31.15	14.10	12	58.5	40 23.133	145 54.445	0.01
bass9	29	02/04/89	20:25:40	6.92	0.018	0.066	0.019	0.013	0.000	0.000	5610.3	31.22	14.29	12	58.7	40 23.305	145 54.168	0.01
bass9	30	02/04/89	20:28:14	7.28	0.027	0.076	0.014	0.013	0.000	0.000	5593.6	31.15	14.07	12	58.8	40 23.406	145 54.001	0.01
bass9	31	02/04/89	20:29:44	6.94	0.018	0.065	0.017	0.014	0.000	0.000	5588.9	31.22	14.10	12	58.9	40 23.577	145 53.725	0.01
bass9	32	02/04/89	20:32:18	7.30	0.025	0.076	0.015	0.013	0.000	0.000	5547.1	31.22	14.29	12	59.0	40 23.680	145 53.560	0.01
bass9	33	02/04/89	20:33:47	5.42	0.016	0.077	0.014	0.012	0.000	0.000	5606.3	31.22	14.28	12	59.1	40 23.863	145 53.269	0.01
bass9	34	02/04/89	20:36:22	7.31	0.024	0.078	0.015	0.015	0.000	0.000	5584.1	31.15	14.26	12	59.1	40 24.036	145 53.145	0.01
bass9	35	02/04/89	20:37:51	6.95	0.018	0.068	0.016	0.013	0.000	0.000	5582.3	31.15	14.28	12	59.0	40 24.172	145 52.926	0.00
bass9	36	02/04/89	20:40:26	7.31	0.023	0.077	0.017	0.014	0.000	0.000	5601.0	31.22	14.28	12	59.0	40 24.308	145 52.707	0.01
bass9	37	02/04/89	20:41:55	6.95	0.018	0.067	0.017	0.014	0.000	0.000	5630.6	31.15	14.27	12	59.0	40 24.482	145 52.412	0.01
bass9	38	02/04/89	20:44:31	7.30	0.021	0.080	0.016	0.015	0.000	0.000	5637.0	31.15	14.27	12	59.0	40 24.568	145 52.264	0.01
bass9	39	02/04/89	20:45:59	6.95	0.018	0.068	0.018	0.014	0.000	0.000	5627.9	31.22	14.26	12	59.0	40 24.743	145 51.969	0.01
bass9	40	02/04/89	20:48:35	7.31	0.023	0.078	0.019	0.010	0.000	0.000	5657.6	31.15	14.25	12	59.0	40 24.842	145 51.804	0.01
bass9	41	02/04/89	20:50:03	6.94	0.018	0.068	0.018	0.013	0.000	0.000	5657.6	31.15	14.28	12	59.1	40 25.008	145 51.528	0.01
bass9	42	02/04/89	20:52:39	7.29	0.021	0.073	0.012	0.012	0.000	0.000	5680.7	31.22	14.27	12	59.0	40 25.106	145 51.363	0.00
bass9	43	02/04/89	20:54:07	6.93	0.018	0.067	0.018	0.011	0.000	0.000	5680.7	31.22	14.26	12	59.2	40 25.282	145 51.070	0.01
bass9	44	02/04/89	20:56:43	7.28	0.020	0.072	0.015	0.011	0.000	0.000	5680.4	31.15	14.24	12	59.1	40 25.379	145 50.907	0.00
bass9	45	02/04/89	20:58:11	6.93	0.019	0.068	0.017	0.012	0.000	0.000	5680.4	31.78	14.04	12	59.1	40 25.546	145 50.640	0.01
bass9	46	02/04/89	21:00:47	7.29	0.025	0.077	0.015	0.010	0.000	0.000	5691.7	31.15	14.23	12	59.1	40 25.645	145 50.477	0.01
bass9	47	02/04/89	21:02:16	6.94	0.018	0.067	0.017	0.008	0.000	0.000	5681.8	31.15	14.02	12	59.2	40 25.828	145 50.198	0.01
bass9	48	02/04/89	21:04:51	7.29	0.021	0.072	0.015	0.010	0.000	0.000	5668.2	31.15	14.21	12	58.9	40 25.920	145 50.056	0.00
bass9	49	02/04/89	21:06:20	6.93	0.018	0.068	0.015	0.010	0.000	0.000	5687.3	31.08	14.20	12	58.8	40 26.103	145 49.772	0.00
bass9	50	02/04/89	21:08:56	7.28	0.026	0.078	0.016	0.012	0.000	0.000	5728.0	31.15	14.22	12	58.8	40 26.206	145 49.612	0.01
bass9	51	02/04/89	21:10:24	6.91	0.017	0.066	0.015	0.011	0.000	0.000	5781.7	31.15	14.22	12	58.7	40 26.395	145 49.327	0.00
bass9	52	02/04/89	21:13:00	7.25	0.025	0.079	0.016	0.011	0.000	0.000	5757.8	31.15	14.21	12	58.6	40 26.488	145 49.182	0.01
bass9	53	02/04/89	21:14:28	6.89	0.018	0.065	0.014	0.007	0.000	0.000	5791.7	31.15	14.21	12	58.5	40 26.653	145 48.929	0.00

TEG Light Hydrocarbon and CTD Data - Bass Basin Block T/22P

line	shot	date	time	methane	ethane	ethylene	propane	propylene	ibutane	nbutane	CO2	salinity	temp(C)	height(m)	depth(m)	latitude	longitude	% wetness
bass9	54	02/04/89	21:17:04	7.26	0.022	0.069	0.014	0.006	0.000	0.000	5803.4	31.15	14.21	12	58.5	40 26.783	145 48.732	0.00
bass9	55	02/04/89	21:18:32	6.90	0.016	0.064	0.015	0.008	0.000	0.000	5793.3	31.08	14.21	12	58.9	40 26.957	145 48.463	0.00
bass9	56	02/04/89	21:21:07	7.26	0.022	0.074	0.013	0.010	0.000	0.000	5787.3	31.15	14.24	12	58.8	40 27.061	145 48.301	0.00
bass9	57	02/04/89	21:22:36	6.92	0.017	0.064	0.016	0.006	0.000	0.000	5771.8	31.08	14.22	12	58.9	40 27.242	145 48.016	0.00
bass9	58	02/04/89	21:25:12	7.28	0.020	0.074	0.015	0.009	0.000	0.000	5773.2	31.08	14.21	12	59.0	40 27.336	145 47.871	0.00
bass9	59	02/04/89	21:26:40	6.94	0.017	0.064	0.014	0.010	0.000	0.000	5733.8	31.15	14.23	12	59.0	40 27.659	145 47.587	0.00
bass9	60	02/04/89	21:29:20	7.31	0.022	0.074	0.014	0.008	0.000	0.000	5703.5	31.15	14.24	12	58.9	40 27.762	145 47.426	0.00
bass9	61	02/04/89	21:30:46	6.94	0.018	0.066	0.015	0.007	0.000	0.000	5713.2	31.15	14.24	12	58.9	40 27.944	145 47.135	0.00
bass9	62	02/04/89	21:33:24	7.33	0.021	0.075	0.015	0.010	0.000	0.000	5731.4	31.15	14.25	12	59.0	40 28.034	145 46.989	0.00
bass9	63	02/04/89	21:34:51	6.98	0.018	0.067	0.015	0.008	0.000	0.000	5682.3	31.22	14.25	12	58.8	40 28.211	145 46.696	0.00
bass9	64	02/04/89	21:37:29	7.33	0.023	0.078	0.014	0.001	0.000	0.000	5721.1	31.22	14.25	12	58.8	40 28.313	145 46.529	0.01
bass9	65	02/04/89	21:38:54	6.55	0.017	0.063	0.014	0.008	0.000	0.000	5721.1	31.15	14.25	12	59.0	40 28.486	145 46.230	0.00
bass9	66	02/04/89	21:41:34	7.34	0.021	0.076	0.014	0.008	0.000	0.000	5737.1	31.15	14.24	12	58.9	40 28.567	145 46.075	0.00
bass9	67	02/04/89	21:42:58	6.85	0.015	0.065	0.014	0.006	0.000	0.000	5737.1	31.15	14.24	12	58.9	40 28.752	145 45.795	0.00
bass9	68	02/04/89	21:45:38	7.35	0.024	0.078	0.012	0.010	0.000	0.000	5734.5	31.15	14.25	5	57.8	40 28.867	145 45.809	0.00
bass9	69	02/04/89	21:47:02	6.82	0.017	0.066	0.016	0.008	0.000	0.000	5734.5	31.22	14.26	5	55.3	40 28.835	145 46.115	0.00
bass9	70	02/04/89	21:49:42	7.35	0.021	0.075	0.013	0.003	0.000	0.000	5767.4	31.22	14.23	5	63.1	40 28.688	145 46.174	0.00
bass9	71	02/04/89	21:51:06	6.88	0.018	0.066	0.014	0.011	0.000	0.000	5767.4	31.15	14.25	5	59.1	40 28.417	145 46.304	0.00
bass9	72	02/04/89	21:53:45	7.37	0.020	0.076	0.015	0.010	0.000	0.000	5743.7	31.22	14.23	5	57.5	40 28.293	145 46.428	0.00
bass10	1	02/04/89	21:55:11	6.98	0.018	0.067	0.016	0.010	0.000	0.000	5747.3	31.22	14.22	5	57.3	40 28.056	145 46.668	0.00
bass10	2	02/04/89	21:57:54	7.36	0.025	0.079	0.013	0.010	0.000	0.000	5735.2	31.22	14.22	5	57.3	40 27.935	145 46.787	0.01
bass10	3	02/04/89	21:59:20	6.96	0.018	0.066	0.013	0.010	0.000	0.000	5758.8	31.15	14.24	9	57.8	40 27.705	145 47.009	0.00
bass10	4	02/04/89	22:01:58	7.35	0.025	0.076	0.014	0.010	0.000	0.000	5753.5	31.15	14.23	9	59.2	40 27.555	145 47.159	0.01
bass10	5	02/04/89	22:03:24	6.97	0.017	0.066	0.015	0.009	0.000	0.000	5734.2	31.15	14.23	9	59.6	40 27.317	145 47.388	0.00
bass10	6	02/04/89	22:06:03	7.34	0.020	0.071	0.013	0.009	0.000	0.000	5734.1	31.15	14.21	9	59.1	40 27.203	145 47.498	0.00
bass10	7	02/04/89	22:07:28	6.94	0.017	0.065	0.014	0.008	0.000	0.000	5769.7	31.15	14.21	9	59.0	40 26.978	145 47.723	0.00
bass10	8	02/04/89	22:10:08	7.38	0.024	0.077	0.015	0.008	0.000	0.000	5773.5	31.15	14.20	9	58.7	40 26.848	145 47.851	0.01
bass10	9	02/04/89	22:11:32	6.96	0.017	0.066	0.015	0.009	0.000	0.000	5743.7	31.15	14.10	9	58.7	40 26.617	145 48.076	0.00
bass10	10	02/04/89	22:14:12	7.33	0.025	0.077	0.015	0.008	0.000	0.000	5744.3	31.78	14.00	13	58.8	40 26.501	145 48.192	0.01
bass10	11	02/04/89	22:15:36	7.00	0.024	0.065	0.016	0.008	0.000	0.000	5789.2	31.15	14.20	13	58.5	40 26.265	145 48.419	0.01
bass10	12	02/04/89	22:18:16	7.22	0.023	0.074	0.014	0.007	0.000	0.000	5798.7	31.78	14.02	13	59.0	40 26.147	145 48.534	0.01
bass10	13	02/04/89	22:19:40	7.10	0.020	0.059	0.014	0.007	0.000	0.000	5728.5	31.15	14.22	13	58.7	40 25.913	145 48.763	0.00
bass10	14	02/04/89	22:22:20	7.30	0.022	0.071	0.015	0.007	0.000	0.000	5836.8	31.15	14.22	13	58.9	40 25.784	145 48.891	0.01
bass10	15	02/04/89	22:23:44	7.25	0.021	0.060	0.015	0.009	0.000	0.000	5806.9	31.22	14.22	13	59.2	40 25.552	145 49.120	0.00
bass10	16	02/04/89	22:26:25	7.27	0.022	0.079	0.014	0.008	0.000	0.000	5844.1	31.22	14.23	13	58.8	40 25.436	145 49.233	0.00
bass10	17	02/04/89	22:27:48	7.27	0.022	0.075	0.016	0.006	0.000	0.000	5844.1	31.22	14.24	13	58.9	40 25.204	145 49.464	0.01
bass10	18	02/04/89	22:30:29	7.27	0.023	0.073	0.014	0.010	0.000	0.000	5852.5	31.22	14.25	13	58.8	40 25.088	145 49.578	0.01
bass10	19	02/04/89	22:31:53	7.25	0.021	0.072	0.015	0.008	0.000	0.000	5852.5	31.22	14.25	13	59.2	40 24.841	145 49.816	0.00
bass10	20	02/04/89	22:34:33	7.27	0.022	0.074	0.015	0.009	0.000	0.000	5781.6	31.15	14.25	13	59.6	40 24.724	145 49.929	0.01
bass10	21	02/04/89	22:35:57	7.29	0.022	0.075	0.015	0.009	0.000	0.000	5781.6	31.22	14.28	13	59.6	40 24.489	145 50.149	0.01
bass10	22	02/04/89	22:38:37	7.29	0.023	0.077	0.016	0.007	0.000	0.000	5707.4	31.22	14.26	13	59.2	40 24.360	145 50.272	0.01
bass10	23	02/04/89	22:40:02	7.30	0.022	0.068	0.012	0.010	0.000	0.000	5707.4	31.22	14.27	12	59.2	40 24.147	145 50.484	0.00
bass10	24	02/04/89	22:42:41	7.30	0.018	0.077	0.015	0.010	0.000	0.000	5713.0	31.22	14.25	12	59.3	40 24.019	145 50.618	0.00
bass10	25	02/04/89	22:44:05	7.21	0.017	0.069	0.013	0.010	0.000	0.000	5713.0	31.22	14.27	12	59.1	40 23.790	145 50.847	0.00
bass10	26	02/04/89	22:46:45	7.30	0.016	0.078	0.016	0.010	0.000	0.000	5724.7	31.22	14.28	12	59.6	40 23.675	145 50.960	0.00
bass10	27	02/04/89	22:48:09	7.37	0.018	0.074	0.017	0.011	0.000	0.000	5704.5	31.22	14.28	12	59.6	40 23.335	145 51.085	0.00
bass10	28	02/04/89	22:50:49	7.31	0.026	0.078	0.016	0.011	0.000	0.000	5663.2	31.22	14.30	12	59.4	40 23.208	145 51.218	0.01
bass10	29	02/04/89	22:52:14	7.37	0.022	0.076	0.015	0.011	0.000	0.000	5675.1	31.85	14.09	12	59.2	40 22.985	145 51.453	0.00
bass10	30	02/04/89	22:54:53	7.36	0.022	0.078	0.017	0.009	0.000	0.000	5674.4	31.22	14.29	12	59.8	40 22.873	145 51.570	0.01
bass10	31	02/04/89	22:56:18	7.36	0.023	0.075	0.016	0.011	0.000	0.000	5649.2	31.85	14.09	12	59.8	40 22.650	145 51.806	0.01
bass10	32	02/04/89	22:58:57	7.33	0.024	0.080	0.015	0.011	0.000	0.000	5626.0	31.22	14.32	12	59.7	40 22.542	145 51.921	0.01
bass10	33	02/04/89	23:00:21	7.35	0.023	0.067	0.017	0.013	0.000	0.000	5682.4	31.29	14.31	12	59.0	40 22.322	145 52.150	0.01
bass10	34	02/04/89	23:03:02	7.34	0.022	0.078	0.017	0.012	0.000	0.000	5647.9	31.29	14.31	12	59.2	40 22.195	145 52.280	0.01
bass10	35	02/04/89	23:04:26	7.31	0.020	0.077	0.016	0.013	0.000	0.000	5625.5	31.29	14.31	13	58.5	40 22.012	145 52.473	0.00

TEG Light Hydrocarbon and CTD Data - Bass Basin Block T/22P

line	shot	date	time	methane	ethane	ethylene	propane	propylene	ibutane	nbutane	CO2	salinity	temp(C)	height(m)	depth(m)	latitude	longitude	% wetness
bass10	36	02/04/89	23:07:06	7.33	0.019	0.080	0.016	0.015	0.000	0.000	5666.5	31.29	14.31	13	58.1	40 21.858	145 52.637	0.00
bass10	37	02/04/89	23:08:30	7.30	0.017	0.077	0.016	0.015	0.000	0.000	5635.4	31.29	14.32	10	58.0	40 21.628	145 52.879	0.00
bass10	38	02/04/89	23:11:10	7.35	0.026	0.081	0.017	0.011	0.000	0.000	5630.3	31.29	14.33	10	57.9	40 21.496	145 53.020	0.01
bass10	39	02/04/89	23:12:34	7.39	0.027	0.078	0.016	0.014	0.000	0.000	5548.9	31.29	14.33	10	58.0	40 21.260	145 53.271	0.01
bass10	40	02/04/89	23:15:14	7.35	0.028	0.079	0.016	0.016	0.000	0.000	5548.0	31.29	14.31	10	58.1	40 21.145	145 53.395	0.01
bass10	41	02/04/89	23:16:38	7.39	0.029	0.078	0.017	0.013	0.000	0.000	5538.3	31.29	14.33	10	58.1	40 21.010	145 53.535	0.01
bass10	42	02/04/89	23:19:18	7.35	0.027	0.079	0.016	0.013	0.000	0.000	5596.9	31.29	14.34	10	58.9	40 20.789	145 53.767	0.01
bass10	43	02/04/89	23:20:42	7.36	0.026	0.067	0.015	0.013	0.000	0.000	5596.9	31.36	14.35	10	59.9	40 20.535	145 54.020	0.01
bass10	44	02/04/89	23:23:23	7.34	0.027	0.079	0.016	0.013	0.000	0.000	5624.2	31.29	14.34	10	59.7	40 20.422	145 54.135	0.01
bass10	45	02/04/89	23:24:46	7.38	0.025	0.067	0.016	0.013	0.000	0.000	5624.2	31.29	14.35	10	59.0	40 20.198	145 54.360	0.01
bass10	46	02/04/89	23:27:27	7.34	0.024	0.075	0.016	0.012	0.000	0.000	5549.5	31.29	14.34	10	58.8	40 20.083	145 54.474	0.01
bass10	47	02/04/89	23:28:50	7.39	0.020	0.067	0.016	0.012	0.000	0.000	5549.5	31.36	14.36	10	59.6	40 19.851	145 54.703	0.00
bass10	48	02/04/89	23:31:31	7.36	0.020	0.075	0.016	0.011	0.000	0.000	5540.2	31.22	14.37	12	59.6	40 19.722	145 54.829	0.00
bass10	49	02/04/89	23:32:54	7.31	0.019	0.068	0.015	0.011	0.000	0.000	5540.2	31.29	14.35	12	59.2	40 19.491	145 55.052	0.00
bass10	50	02/04/89	23:35:35	7.38	0.022	0.076	0.015	0.011	0.000	0.000	5534.6	31.22	14.35	12	59.4	40 19.377	145 55.164	0.00
bass10	51	02/04/89	23:36:59	7.33	0.020	0.069	0.016	0.012	0.000	0.000	5547.4	31.29	14.34	12	59.2	40 19.149	145 55.389	0.00
bass10	52	02/04/89	23:39:39	7.40	0.024	0.078	0.016	0.013	0.000	0.000	5526.8	31.29	14.32	12	59.2	40 19.034	145 55.499	0.01
bass10	53	02/04/89	23:41:03	7.34	0.018	0.068	0.017	0.011	0.000	0.000	5546.8	31.29	14.36	12	60.1	40 18.804	145 55.724	0.00
bass10	54	02/04/89	23:43:43	7.51	0.019	0.069	0.017	0.011	0.000	0.000	5578.6	31.29	14.36	12	59.1	40 18.673	145 55.849	0.00
bass10	55	02/04/89	23:45:07	7.37	0.019	0.069	0.016	0.011	0.000	0.000	5565.4	31.29	14.32	12	59.0	40 18.441	145 55.984	0.00
bass10	56	02/04/89	23:47:47	7.44	0.023	0.078	0.017	0.011	0.000	0.000	5551.9	31.29	14.37	13	59.1	40 18.210	145 56.119	0.01
bass10	57	02/04/89	23:49:12	7.38	0.018	0.066	0.017	0.011	0.000	0.000	5506.8	31.22	14.34	13	59.0	40 17.979	145 56.255	0.00
bass10	58	02/04/89	23:51:51	7.45	0.018	0.075	0.015	0.008	0.000	0.000	5578.0	31.22	14.36	13	58.6	40 17.474	145 56.390	0.00
bass10	59	02/04/89	23:53:15	7.30	0.017	0.067	0.014	0.009	0.000	0.000	5553.8	31.29	14.35	13	58.6	40 17.516	145 56.525	0.00
bass10	60	02/04/89	23:55:56	7.46	0.022	0.074	0.017	0.007	0.000	0.000	5622.6	31.29	14.35	13	58.7	40 17.402	145 56.642	0.01
bass10	61	02/04/89	23:57:19	7.30	0.018	0.068	0.016	0.010	0.000	0.000	5605.1	31.29	14.36	13	59.1	40 17.177	145 56.882	0.00
bass10	62	02/04/89	23:59:59	7.48	0.022	0.080	0.015	0.010	0.000	0.000	5555.8	31.29	14.36	13	58.7	40 17.041	145 57.015	0.00
bass10	63	02/05/89	00:01:23	7.39	0.018	0.066	0.016	0.010	0.000	0.000	5591.8	31.29	14.38	12	58.1	40 16.794	145 57.237	0.00
bass10	64	02/05/89	00:04:03	7.48	0.024	0.078	0.015	0.010	0.000	0.000	5559.8	31.29	14.39	12	58.8	40 16.681	145 57.358	0.01
bass10	65	02/05/89	00:05:27	7.32	0.018	0.066	0.014	0.011	0.000	0.000	5600.0	31.29	14.40	12	58.3	40 16.453	145 57.598	0.00
bass10	66	02/05/89	00:08:08	7.47	0.019	0.077	0.015	0.011	0.000	0.000	5669.5	31.36	14.42	12	58.9	40 16.453	145 57.598	0.00
bass11	1	02/05/89	01:25:37	7.32	0.020	0.088	0.019	0.016	0.000	0.000	5162.8	31.57	14.74	13	55.7	40 16.429	145 58.189	0.01
bass11	2	02/05/89	01:27:24	7.14	0.024	0.095	0.017	0.014	0.000	0.000	5193.7	31.64	14.78	13	55.3	40 16.570	145 57.903	0.01
bass11	3	02/05/89	01:29:42	7.27	0.019	0.084	0.021	0.015	0.000	0.000	5171.4	31.57	14.74	13	55.1	40 16.670	145 57.693	0.01
bass11	4	02/05/89	01:31:28	7.10	0.022	0.087	0.017	0.013	0.000	0.000	5167.5	31.57	14.75	13	55.5	40 16.805	145 57.396	0.01
bass11	5	02/05/89	01:33:46	7.29	0.020	0.084	0.018	0.014	0.000	0.000	5153.5	31.57	14.75	13	55.6	40 16.907	145 57.162	0.01
bass11	6	02/05/89	01:35:33	7.23	0.023	0.090	0.017	0.011	0.000	0.000	5153.2	31.50	14.68	13	55.6	40 17.041	145 56.860	0.01
bass11	7	02/05/89	01:37:51	7.37	0.022	0.085	0.020	0.014	0.000	0.000	5152.5	31.50	14.70	13	55.6	40 17.111	145 56.686	0.01
bass11	8	02/05/89	01:39:37	7.07	0.022	0.090	0.018	0.014	0.000	0.000	5148.3	31.57	14.72	13	55.6	40 17.248	145 56.387	0.01
bass11	9	02/05/89	01:41:54	7.14	0.018	0.085	0.017	0.015	0.000	0.000	5185.7	31.57	14.73	15	55.6	40 17.355	145 56.155	0.00
bass11	10	02/05/89	01:43:42	7.26	0.019	0.092	0.015	0.015	0.000	0.000	5162.7	31.64	14.74	15	55.2	40 17.482	145 55.882	0.00
bass11	11	02/05/89	01:45:58	7.36	0.019	0.080	0.019	0.014	0.000	0.000	5198.5	31.50	14.72	15	55.9	40 17.589	145 55.651	0.01
bass11	12	02/05/89	01:47:45	7.27	0.022	0.089	0.017	0.012	0.000	0.000	5132.4	31.50	14.70	15	55.9	40 17.725	145 55.351	0.01
bass11	13	02/05/89	01:50:03	7.32	0.019	0.082	0.021	0.013	0.000	0.000	5169.1	31.57	14.71	15	56.6	40 17.819	145 55.140	0.01
bass11	14	02/05/89	01:51:49	7.37	0.022	0.090	0.018	0.014	0.000	0.000	5184.1	31.57	14.63	14	56.7	40 17.948	145 54.849	0.01
bass11	15	02/05/89	01:54:06	7.46	0.019	0.085	0.020	0.015	0.000	0.000	5195.7	31.57	14.65	14	56.5	40 18.047	145 54.628	0.01
bass11	16	02/05/89	01:55:53	7.35	0.025	0.090	0.019	0.016	0.000	0.000	5159.8	31.43	14.49	14	56.7	40 18.168	145 54.364	0.01
bass11	17	02/05/89	01:58:10	7.45	0.020	0.086	0.020	0.016	0.000	0.000	5204.0	31.43	14.42	14	56.3	40 18.270	145 54.142	0.01
bass11	18	02/05/89	01:59:57	7.30	0.022	0.092	0.018	0.015	0.000	0.000	5163.0	31.36	14.40	14	56.5	40 18.401	145 53.855	0.01
bass11	19	02/05/89	02:02:14	7.30	0.019	0.080	0.018	0.015	0.000	0.000	5114.3	31.36	14.40	15	56.6	40 18.505	145 53.632	0.01
bass11	20	02/05/89	02:04:02	7.23	0.022	0.089	0.016	0.015	0.000	0.000	5181.3	31.36	14.36	15	57.0	40 18.627	145 53.366	0.01
bass11	21	02/05/89	02:06:19	7.28	0.019	0.080	0.017	0.013	0.000	0.000	5278.1	31.29	14.37	15	56.6	40 18.725	145 53.141	0.00
bass11	22	02/05/89	02:08:07	7.25	0.021	0.094	0.016	0.014	0.000	0.000	5295.2	31.43	14.38	15	56.7	40 18.854	145 52.857	0.01
bass11	23	02/05/89	02:10:23	7.17	0.019	0.080	0.016	0.013	0.000	0.000	5427.3	31.36	14.36	15	56.9	40 18.945	145 52.656	0.00

TEG Light Hydrocarbon and CTD Data - Bass Basin Block T/22P

line	shot	date	time	methane	ethane	ethylene	propane	propylene	ibutane	nbutane	CO2	salinity	temp(C)	height(m)	depth(m)	latitude	longitude	% wetness
bass11	24	02/05/89	02:12:11	7.28	0.020	0.080	0.016	0.012	0.000	0.000	5425.7	31.36	14.38	15	56.3	40 19.069	145 52.374	0.00
bass11	25	02/05/89	02:14:27	7.19	0.019	0.081	0.018	0.011	0.000	0.000	5504.7	31.29	14.36	15	56.4	40 19.167	145 52.148	0.01
bass11	26	02/05/89	02:16:20	7.36	0.023	0.082	0.015	0.010	0.000	0.000	5453.8	31.29	14.36	15	56.4	40 19.287	145 51.881	0.01
bass11	27	02/05/89	02:18:31	7.26	0.017	0.080	0.015	0.012	0.000	0.000	5527.7	31.36	14.35	16	57.0	40 19.396	145 51.639	0.00
bass11	28	02/05/89	02:20:24	7.31	0.020	0.089	0.015	0.012	0.000	0.000	5488.9	31.36	14.40	16	56.6	40 19.509	145 51.376	0.00
bass11	29	02/05/89	02:22:35	7.26	0.018	0.078	0.017	0.013	0.000	0.000	5491.6	31.36	14.37	16	57.0	40 19.607	145 51.152	0.00
bass11	30	02/05/89	02:24:27	7.35	0.020	0.081	0.014	0.015	0.000	0.000	5500.3	31.36	14.35	16	56.7	40 19.725	145 50.887	0.00
bass11	31	02/05/89	02:26:40	7.26	0.018	0.077	0.018	0.013	0.000	0.000	5490.8	31.36	14.35	16	56.3	40 19.836	145 50.645	0.00
bass11	32	02/05/89	02:28:32	7.37	0.020	0.085	0.015	0.012	0.000	0.000	5457.6	31.36	14.35	16	56.4	40 19.956	145 50.383	0.00
bass11	33	02/05/89	02:30:44	7.27	0.019	0.078	0.018	0.013	0.000	0.000	5513.9	31.29	14.35	16	56.7	40 20.059	145 50.162	0.01
bass12	1	02/05/89	02:32:36	7.47	0.019	0.070	0.014	0.015	0.000	0.000	5543.7	31.36	14.35	17	51.3	40 20.191	145 49.880	0.00
bass12	2	02/05/89	02:34:52	7.36	0.019	0.070	0.016	0.014	0.000	0.000	5509.7	31.36	14.35	17	51.0	40 20.286	145 49.684	0.00
bass12	3	02/05/89	02:36:41	7.26	0.021	0.079	0.014	0.012	0.000	0.000	5544.2	31.36	14.36	17	50.6	40 20.480	145 49.486	0.00
bass12	4	02/05/89	02:38:58	7.25	0.017	0.069	0.016	0.014	0.000	0.000	5556.0	31.36	14.33	17	50.8	40 20.635	145 49.329	0.00
bass12	5	02/05/89	02:40:46	7.32	0.019	0.082	0.015	0.016	0.000	0.000	5522.1	31.29	14.36	17	50.6	40 20.791	145 49.175	0.00
bass12	6	02/05/89	02:43:02	7.20	0.018	0.070	0.017	0.014	0.000	0.000	5562.9	31.36	14.34	17	50.9	40 20.975	145 48.992	0.00
bass12	7	02/05/89	02:44:50	7.34	0.022	0.092	0.016	0.015	0.000	0.000	5542.7	31.29	14.31	17	51.0	40 21.174	145 48.796	0.01
bass12	8	02/05/89	02:47:06	7.15	0.018	0.070	0.015	0.013	0.000	0.000	5574.3	31.29	14.34	17	50.3	40 21.288	145 48.684	0.00
bass12	9	02/05/89	02:48:54	7.35	0.020	0.084	0.016	0.015	0.000	0.000	5558.5	31.36	14.32	17	50.7	40 21.642	145 48.342	0.00
bass12	10	02/05/89	02:51:11	7.09	0.019	0.070	0.018	0.013	0.000	0.000	5554.6	31.36	14.32	17	50.9	40 21.799	145 48.188	0.01
bass12	11	02/05/89	02:52:58	7.30	0.024	0.085	0.016	0.015	0.000	0.000	5533.6	31.22	14.28	17	51.0	40 21.998	145 47.992	0.01
bass12	12	02/05/89	02:55:14	7.03	0.017	0.069	0.016	0.015	0.000	0.000	5537.8	31.29	14.27	17	51.4	40 22.140	145 47.820	0.00
bass12	13	02/05/89	02:57:03	7.33	0.017	0.078	0.017	0.016	0.000	0.000	5613.4	31.22	14.28	17	51.2	40 22.303	145 47.606	0.00
bass12	14	02/05/89	02:59:18	7.01	0.018	0.068	0.017	0.012	0.000	0.000	5615.9	31.29	14.29	17	51.3	40 22.440	145 47.424	0.00
bass12	15	02/05/89	03:01:07	7.37	0.020	0.081	0.014	0.012	0.000	0.000	5633.7	31.29	14.29	17	51.3	40 22.624	145 47.208	0.00
bass12	16	02/05/89	03:03:22	6.98	0.018	0.068	0.016	0.011	0.000	0.000	5668.1	31.22	14.29	17	51.2	40 22.755	145 47.051	0.00
bass12	17	02/05/89	03:05:10	7.31	0.020	0.076	0.013	0.011	0.000	0.000	5648.8	31.22	14.25	17	50.9	40 22.939	145 46.831	0.00
bass12	18	02/05/89	03:07:26	6.98	0.017	0.069	0.015	0.011	0.000	0.000	5601.8	31.22	14.27	17	51.6	40 23.087	145 46.661	0.00
bass12	19	02/05/89	03:09:14	7.31	0.020	0.083	0.014	0.010	0.000	0.000	5588.6	31.22	14.25	15	51.1	40 23.261	145 46.463	0.00
bass12	20	02/05/89	03:11:31	6.98	0.018	0.069	0.016	0.010	0.000	0.000	5611.4	31.22	14.25	15	50.9	40 23.409	145 46.296	0.00
bass12	21	02/05/89	03:13:19	7.31	0.025	0.086	0.017	0.011	0.000	0.000	5633.1	31.22	14.25	15	51.3	40 23.569	145 46.111	0.01
bass12	22	02/05/89	03:15:35	6.96	0.018	0.068	0.015	0.010	0.000	0.000	5717.7	31.22	14.26	15	51.6	40 23.740	145 45.906	0.00
bass12	23	02/05/89	03:17:23	7.30	0.014	0.078	0.014	0.010	0.000	0.000	5717.7	31.22	14.24	15	51.4	40 23.913	145 45.705	0.00
bass12	24	02/05/89	03:19:39	6.94	0.018	0.066	0.017	0.009	0.000	0.000	5693.1	31.22	14.25	15	51.2	40 24.059	145 45.540	0.01
bass12	25	02/05/89	03:21:28	7.32	0.021	0.065	0.014	0.009	0.000	0.000	5725.7	31.22	14.23	15	51.5	40 24.245	145 45.333	0.00
bass12	26	02/05/89	03:23:44	6.96	0.017	0.066	0.015	0.010	0.000	0.000	5749.9	31.29	14.25	15	51.4	40 24.380	145 45.181	0.00
bass12	27	02/05/89	03:25:32	7.30	0.021	0.079	0.016	0.011	0.000	0.000	5760.0	31.15	14.23	15	51.5	40 24.588	145 45.051	0.01
bass12	28	02/05/89	03:27:48	6.95	0.018	0.066	0.018	0.009	0.000	0.000	5734.3	31.22	14.26	15	51.3	40 24.729	145 44.875	0.01
bass12	29	02/05/89	03:29:36	7.31	0.017	0.079	0.014	0.010	0.000	0.000	5759.4	31.22	14.23	15	51.4	40 24.894	145 44.669	0.00
bass12	30	02/05/89	03:31:52	6.97	0.017	0.066	0.013	0.009	0.000	0.000	5719.6	31.22	14.25	15	50.8	40 25.034	145 44.495	0.00
bass12	31	02/05/89	03:33:41	7.32	0.022	0.079	0.014	0.010	0.000	0.000	5700.1	31.22	14.27	15	50.8	40 25.218	145 44.273	0.00
bass12	32	02/05/89	03:35:56	6.98	0.017	0.066	0.015	0.010	0.000	0.000	5685.7	31.22	14.27	15	50.8	40 25.362	145 44.094	0.00
bass12	33	02/05/89	03:37:44	7.34	0.021	0.083	0.016	0.010	0.000	0.000	5672.6	31.22	14.28	15	50.5	40 25.535	145 43.885	0.01
bass12	34	02/05/89	03:40:00	7.00	0.017	0.067	0.015	0.008	0.000	0.000	5711.2	31.22	14.27	15	50.4	40 25.682	145 43.707	0.00
bass12	35	02/05/89	03:41:48	7.35	0.021	0.092	0.015	0.010	0.000	0.000	5736.8	31.22	14.28	15	50.5	40 25.870	145 43.486	0.00
bass12	36	02/05/89	03:44:05	7.00	0.016	0.067	0.016	0.010	0.000	0.000	5759.3	31.29	14.29	15	50.7	40 26.003	145 43.325	0.00
bass12	37	02/05/89	03:45:52	7.36	0.020	0.089	0.016	0.010	0.000	0.000	5750.6	31.36	14.31	15	50.7	40 26.189	145 43.098	0.00
bass12	38	02/05/89	03:48:08	7.02	0.018	0.067	0.012	0.010	0.000	0.000	5750.7	31.29	14.34	15	50.5	40 26.333	145 42.918	0.00
bass12	39	02/05/89	03:49:56	7.39	0.022	0.079	0.014	0.010	0.000	0.000	5720.6	31.29	14.36	15	50.1	40 26.509	145 42.715	0.00
bass12	40	02/05/89	03:52:12	7.04	0.016	0.068	0.016	0.010	0.000	0.000	5712.2	31.36	14.38	14	49.9	40 26.662	145 42.545	0.00
bass12	41	02/05/89	03:54:00	7.00	0.021	0.071	0.012	0.009	0.000	0.000	5683.0	31.36	14.42	14	50.0	40 26.858	145 42.325	0.00
bass12	42	02/05/89	03:56:16	7.06	0.018	0.070	0.018	0.010	0.000	0.000	5530.6	31.43	14.45	14	50.1	40 27.011	145 42.149	0.01
bass12	43	02/05/89	03:58:04	7.40	0.018	0.072	0.013	0.011	0.000	0.000	5445.9	31.36	14.44	14	50.8	40 27.193	145 41.946	0.00
bass12	44	02/05/89	04:00:21	7.10	0.018	0.072	0.014	0.010	0.000	0.000	5480.5	31.43	14.44	14	50.5	40 27.345	145 41.772	0.00

TEG Light Hydrocarbon and CTD Data - Bass Basin Block T/22P

line	shot	date	time	methane	ethane	ethylene	propane	propylene	ibutane	nbutane	CO2	salinity	temp(C)	height(m)	depth(m)	latitude	longitude	% wetness
bass12	45	02/05/89	04:02:08	7.47	0.017	0.073	0.014	0.011	0.000	0.000	5344.1	31.36	14.46	14	50.4	40 27.533	145 41.547	0.00
bass12	46	02/05/89	04:04:25	7.18	0.017	0.073	0.015	0.008	0.000	0.000	5424.4	31.36	14.46	14	50.3	40 27.682	145 41.371	0.00
bass12	47	02/05/89	04:06:14	7.55	0.017	0.073	0.014	0.009	0.000	0.000	5424.4	31.36	14.46	14	50.3	40 27.858	145 41.160	0.00
bass12	48	02/05/89	04:08:29	7.20	0.018	0.072	0.013	0.009	0.000	0.000	5411.9	31.36	14.44	13	50.7	40 28.010	145 40.986	0.00
bass12	49	02/05/89	04:10:18	7.59	0.022	0.086	0.015	0.008	0.000	0.000	5401.8	31.36	14.48	13	50.5	40 28.234	145 40.740	0.00
bass12	50	02/05/89	04:12:34	7.20	0.019	0.073	0.015	0.008	0.000	0.000	5454.4	31.29	14.47	13	50.3	40 28.458	145 40.493	0.00
bass12	51	02/05/89	04:14:22	7.56	0.016	0.073	0.013	0.008	0.000	0.000	5402.0	31.36	14.50	13	50.2	40 28.682	145 40.247	0.00
bass12	52	02/05/89	04:16:37	7.21	0.018	0.072	0.015	0.007	0.000	0.000	5421.5	31.36	14.50	12	50.1	40 28.906	145 40.000	0.00
bass12	53	02/05/89	04:18:27	7.59	0.021	0.089	0.015	0.009	0.000	0.000	5403.2	31.36	14.50	12	50.0	40 29.131	145 39.753	0.00
bass12	54	02/05/89	04:20:41	7.22	0.016	0.073	0.015	0.009	0.000	0.000	5444.7	31.36	14.53	12	49.9	40 29.355	145 39.507	0.00
bass12	55	02/05/89	04:22:31	7.64	0.018	0.082	0.013	0.009	0.000	0.000	5450.3	31.43	14.53	12	49.8	40 29.579	145 39.261	0.00
bass12	56	02/05/89	04:24:45	7.24	0.018	0.073	0.014	0.008	0.000	0.000	5404.1	31.43	14.54	12	50.0	40 29.804	145 39.014	0.00
bass12	57	02/05/89	04:26:34	7.62	0.021	0.086	0.013	0.009	0.000	0.000	5387.2	31.43	14.56	12	50.0	40 30.028	145 38.768	0.00
bass12	58	02/05/89	04:28:49	7.26	0.019	0.074	0.015	0.009	0.000	0.000	5425.9	31.43	14.58	12	50.3	40 30.252	145 38.522	0.00
bass12	59	02/05/89	04:30:39	7.64	0.021	0.084	0.014	0.009	0.000	0.000	5375.1	31.43	14.61	12	50.0	40 30.476	145 38.275	0.00
bass12	60	02/05/89	04:32:57	7.28	0.018	0.075	0.016	0.009	0.000	0.000	5406.3	31.50	14.67	12	49.7	40 30.700	145 38.029	0.00
bass12	61	02/05/89	04:34:43	7.66	0.021	0.089	0.016	0.010	0.000	0.000	5405.2	31.57	14.69	12	50.0	40 30.925	145 37.782	0.00
bass12	62	02/05/89	04:37:01	7.33	0.018	0.076	0.015	0.010	0.000	0.000	5559.7	31.57	14.74	12	50.5	40 31.148	145 37.535	0.00
bass12	63	02/05/89	04:41:05	7.40	0.019	0.078	0.015	0.010	0.000	0.000	5578.8	31.57	14.74	12	50.5	40 31.373	145 37.289	0.00
bass12	64	02/05/89	04:45:10	7.45	0.018	0.079	0.015	0.009	0.000	0.000	5545.1	31.57	14.74	13	50.5	40 31.597	145 37.043	0.00
bass12	65	02/05/89	04:49:15	7.54	0.019	0.082	0.015	0.010	0.000	0.000	5525.9	31.57	14.74	13	50.5	40 31.821	145 36.793	0.00
bass12	66	02/05/89	04:53:20	7.63	0.019	0.084	0.015	0.011	0.000	0.000	5501.4	31.57	14.74	13	50.5	40 32.048	145 36.579	0.00
bass12	67	02/05/89	04:57:25	7.69	0.019	0.090	0.017	0.012	0.000	0.000	5508.2	31.57	14.74	12	50.5	40 32.269	145 36.303	0.00
bass12	68	02/05/89	05:01:30	7.78	0.020	0.091	0.018	0.010	0.000	0.000	5511.5	31.57	14.74	12	50.5	40 32.494	145 36.057	0.00
bass12	69	02/05/89	05:04:40	7.73	0.022	0.094	0.014	0.011	0.000	0.000	5511.5	31.57	14.70	12	50.5	40 32.777	145 35.684	0.00
bass12	70	02/05/89	05:07:00	7.78	0.021	0.100	0.015	0.012	0.000	0.000	5510.0	31.57	14.60	12	50.5	40 33.000	145 35.280	0.00
bass12	71	02/05/89	05:10:58	7.93	0.019	0.107	0.016	0.013	0.000	0.000	5495.6	31.99	17.49	16	40.1	40 33.368	145 34.900	0.00
bass12	72	02/05/89	05:12:46	8.31	0.023	0.120	0.016	0.010	0.000	0.000	5481.6	31.50	17.51	16	40.0	40 33.548	145 34.662	0.00
bass12	73	02/05/89	05:15:03	7.93	0.019	0.111	0.018	0.015	0.000	0.000	5467.5	31.50	17.54	16	40.1	40 33.692	145 34.471	0.00
bass12	74	02/05/89	05:16:50	8.31	0.019	0.113	0.015	0.018	0.000	0.003	5453.3	31.50	17.60	16	39.7	40 33.875	145 34.232	0.00
bass12	75	02/05/89	05:19:08	7.87	0.019	0.117	0.016	0.017	0.000	0.000	5439.0	31.50	17.60	16	40.2	40 34.021	145 34.048	0.00
bass12	76	02/05/89	05:20:59	8.27	0.023	0.137	0.016	0.019	0.000	0.003	5424.1	31.50	17.61	16	40.1	40 34.200	145 33.842	0.01
bass12	77	02/05/89	05:23:12	7.87	0.019	0.117	0.016	0.019	0.000	0.000	5410.7	31.50	17.64	16	40.1	40 34.365	145 33.649	0.00
bass12	78	02/05/89	05:25:08	8.28	0.020	0.137	0.020	0.018	0.000	0.000	5396.2	31.50	17.68	16	40.3	40 34.530	145 33.457	0.00
bass12	79	02/05/89	05:27:17	7.90	0.018	0.119	0.017	0.018	0.000	0.000	5381.4	31.50	17.69	13	40.2	40 34.693	145 33.261	0.00
bass12	80	02/05/89	05:29:12	8.28	0.019	0.118	0.013	0.019	0.002	0.000	5368.1	31.50	17.69	13	40.2	40 34.871	145 33.051	0.00
bass12	81	02/05/89	05:31:21	7.87	0.018	0.119	0.016	0.018	0.000	0.000	5353.9	31.50	17.80	13	40.2	40 35.034	145 32.858	0.00
bass12	82	02/05/89	05:33:21	8.26	0.019	0.128	0.016	0.023	0.000	0.001	5339.8	31.50	17.91	13	40.1	40 35.201	145 32.666	0.00
bass12	83	02/05/89	05:35:26	7.86	0.017	0.121	0.017	0.022	0.000	0.000	5343.3	31.50	17.94	13	40.2	40 35.368	145 32.474	0.00
bass12	84	02/05/89	05:37:27	8.23	0.020	0.142	0.016	0.022	0.000	0.000	5332.6	31.50	17.99	13	40.1	40 35.549	145 32.263	0.00
bass12	85	02/05/89	05:39:29	7.86	0.017	0.123	0.018	0.020	0.000	0.000	5296.5	31.50	18.03	13	40.5	40 35.718	145 32.071	0.00
bass12	86	02/05/89	05:41:30	8.26	0.021	0.143	0.015	0.023	0.000	0.000	5307.6	31.50	18.10	13	40.1	40 35.885	145 31.880	0.00
bass12	87	02/05/89	05:43:34	7.87	0.018	0.127	0.017	0.025	0.000	0.000	5330.2	31.50	18.12	13	40.2	40 36.051	145 31.690	0.00
bass12	88	02/05/89	05:45:36	8.24	0.017	0.126	0.017	0.024	0.000	0.000	5312.6	31.50	18.16	7	40.3	40 36.233	145 31.481	0.00
bass12	89	02/05/89	05:47:38	7.75	0.017	0.127	0.016	0.023	0.000	0.000	5308.0	31.50	18.13	7	40.3	40 36.399	145 31.285	0.00
bass12	90	02/05/89	05:49:41	8.01	0.022	0.138	0.014	0.026	0.000	0.000	5321.4	31.50	18.11	7	40.1	40 36.567	145 31.093	0.00
bass12	91	02/05/89	05:51:42	7.52	0.015	0.127	0.017	0.028	0.000	0.000	5312.8	31.50	18.10	7	39.9	40 36.735	145 30.899	0.00
bass12	92	02/05/89	05:53:44	7.89	0.021	0.148	0.014	0.027	0.000	0.000	5322.2	31.50	18.09	6	40.0	40 36.901	145 30.699	0.00
bass12	93	02/05/89	05:55:46	7.55	0.016	0.129	0.017	0.027	0.000	0.000	5310.9	32.55	18.09	6	40.0	40 37.083	145 30.487	0.00
bass12	94	02/05/89	05:57:48	7.94	0.017	0.138	0.014	0.028	0.000	0.000	5323.0	31.50	18.10	6	40.1	40 37.248	145 30.287	0.00
bass12	95	02/05/89	05:59:50	7.56	0.015	0.129	0.017	0.028	0.000	0.000	5328.3	32.20	18.10	6	40.0	40 37.415	145 30.090	0.00
bass12	96	02/05/89	06:01:53	7.95	0.016	0.129	0.014	0.027	0.000	0.000	5332.8	31.50	18.20	5	40.6	40 37.581	145 29.890	0.00
bass12	98	02/05/89	06:03:54	7.60	0.015	0.129	0.017	0.026	0.000	0.000	5327.1	31.50	18.11	5	41.7	40 37.747	145 29.698	0.00
bass12	99	02/05/89	06:05:57	8.01	0.017	0.140	0.015	0.023	0.000	0.000	5333.9	31.57	18.08	5	42.1	40 37.834	145 29.440	0.00

TEG Light Hydrocarbon and CTD Data - Bass Basin Block T/22P

line	shot	date	time	methane	ethane	ethylene	propane	propylene	ibutane	nbutane	CO2	salinity	temp(C)	height(m)	depth(m)	latitude	longitude	% wetness
bass13	1	02/05/89	06:07:58	7.66	0.016	0.130	0.015	0.028	0.000	0.000	5293.6	33.53	18.03	5	40.6	40 37.706	145 29.400	0.00
bass13	2	02/05/89	06:10:07	8.05	0.020	0.139	0.016	0.028	0.000	0.000	5298.2	33.53	18.03	5	40.3	40 37.558	145 29.266	0.00
bass13	3	02/05/89	06:12:04	7.68	0.017	0.130	0.015	0.028	0.000	0.000	5295.1	33.60	18.03	5	40.1	40 37.400	145 29.081	0.00
bass13	4	02/05/89	06:14:11	8.02	0.019	0.136	0.014	0.028	0.000	0.000	5271.1	33.60	18.03	5	40.3	40 37.243	145 28.872	0.00
bass13	5	02/05/89	06:16:08	7.66	0.017	0.130	0.015	0.028	0.000	0.000	5275.6	33.60	18.03	5	40.3	40 37.087	145 28.680	0.00
bass13	6	02/05/89	06:18:17	8.01	0.013	0.129	0.014	0.027	0.000	0.000	5289.2	33.60	18.03	5	40.2	40 36.935	145 28.484	0.00
bass13	7	02/05/89	06:20:12	7.64	0.015	0.129	0.017	0.024	0.000	0.000	5276.7	33.60	18.02	5	40.1	40 36.764	145 28.292	0.00
bass13	8	02/05/89	06:22:21	7.99	0.018	0.140	0.015	0.027	0.000	0.000	5305.2	33.60	18.04	5	40.3	40 36.620	145 28.081	0.00
bass13	9	02/05/89	06:24:16	7.62	0.016	0.128	0.014	0.028	0.000	0.000	5175.2	33.60	18.01	5	40.2	40 36.453	145 27.903	0.00
bass13	11	02/05/89	06:26:25	7.96	0.019	0.139	0.015	0.029	0.000	0.000	5206.8	33.60	17.99	5	40.0	40 36.380	145 27.698	0.00
bass13	12	02/05/89	06:28:20	7.60	0.016	0.128	0.016	0.029	0.000	0.000	5157.3	34.16	17.96	5	40.2	40 36.237	145 27.473	0.00
bass13	13	02/05/89	06:30:29	7.94	0.019	0.140	0.014	0.028	0.000	0.000	5192.8	33.95	17.99	5	40.1	40 36.066	145 27.294	0.00
bass13	14	02/05/89	06:32:25	7.57	0.017	0.129	0.013	0.030	0.000	0.000	5213.3	33.95	17.92	5	44.0	40 35.882	145 27.081	0.00
bass13	15	02/05/89	06:34:32	7.93	0.017	0.138	0.015	0.030	0.000	0.000	5245.9	33.95	17.94	5	41.6	40 35.726	145 26.902	0.00
bass13	16	02/05/89	06:36:29	7.56	0.016	0.129	0.016	0.030	0.000	0.000	5227.9	33.74	17.90	5	42.3	40 35.571	145 27.040	0.00
bass13	17	02/05/89	06:38:37	7.94	0.017	0.129	0.014	0.028	0.000	0.000	5236.8	33.67	17.88	5	42.1	40 35.420	145 27.178	0.00
bass13	18	02/05/89	06:40:33	7.59	0.016	0.127	0.015	0.026	0.000	0.000	5227.8	33.67	17.86	5	41.3	40 35.252	145 27.360	0.00
bass13	19	02/05/89	06:42:41	7.96	0.017	0.128	0.015	0.027	0.000	0.000	5216.1	33.67	17.86	10	41.7	40 35.108	145 27.552	0.00
bass13	20	02/05/89	06:44:37	7.61	0.016	0.126	0.013	0.026	0.000	0.000	5199.9	33.74	17.86	10	41.4	40 34.934	145 27.724	0.00
bass13	21	02/05/89	06:46:45	7.98	0.019	0.135	0.014	0.027	0.000	0.000	5226.7	33.74	17.85	10	41.3	40 34.772	145 27.927	0.00
bass13	22	02/05/89	06:48:41	7.62	0.017	0.127	0.016	0.026	0.000	0.000	5258.8	33.74	17.86	10	41.3	40 34.594	145 28.112	0.00
bass13	23	02/05/89	06:50:49	7.99	0.015	0.139	0.014	0.025	0.000	0.001	5230.3	33.60	17.86	10	41.2	40 34.444	145 28.314	0.00
bass13	24	02/05/89	06:52:45	7.63	0.016	0.126	0.015	0.025	0.000	0.000	5186.4	33.60	17.87	10	41.1	40 34.278	145 28.484	0.00
bass13	25	02/05/89	06:54:58	8.00	0.015	0.124	0.014	0.025	0.000	0.000	5228.0	33.60	17.88	10	41.2	40 34.131	145 28.671	0.00
bass13	26	02/05/89	06:56:49	7.63	0.016	0.125	0.017	0.020	0.000	0.000	5245.8	33.67	17.87	10	41.3	40 33.941	145 28.797	0.00
bass13	27	02/05/89	06:59:02	8.01	0.021	0.142	0.018	0.026	0.000	0.000	5285.6	33.67	17.87	10	41.4	40 33.791	145 29.028	0.00
bass13	28	02/05/89	07:00:53	7.65	0.015	0.125	0.014	0.025	0.000	0.000	5222.7	33.67	17.87	10	41.5	40 33.616	145 29.205	0.00
bass13	29	02/05/89	07:03:06	8.02	0.019	0.136	0.015	0.026	0.000	0.000	5250.3	33.67	17.87	10	41.6	40 33.468	145 29.416	0.00
bass13	30	02/05/89	07:04:58	7.66	0.016	0.124	0.014	0.025	0.000	0.000	5311.1	33.67	17.87	10	41.7	40 33.278	145 29.586	0.00
bass13	31	02/05/89	07:07:10	8.02	0.020	0.134	0.017	0.023	0.000	0.000	5243.7	33.67	17.89	10	41.9	40 33.129	145 29.806	0.00
bass13	32	02/05/89	07:09:02	7.64	0.017	0.124	0.018	0.026	0.000	0.000	5397.6	33.74	17.85	10	41.7	40 32.953	145 29.973	0.00
bass13	33	02/05/89	07:11:14	8.02	0.017	0.132	0.014	0.026	0.001	0.001	5413.5	33.74	17.86	10	42.2	40 32.811	145 30.174	0.00
bass13	34	02/05/89	07:13:06	7.65	0.017	0.125	0.015	0.023	0.000	0.000	5358.8	33.74	17.80	10	41.6	40 32.641	145 30.341	0.00
bass13	35	02/05/89	07:15:24	8.02	0.021	0.147	0.017	0.026	0.000	0.000	5374.9	33.67	17.81	10	42.2	40 32.495	145 30.533	0.00
bass13	36	02/05/89	07:17:10	7.67	0.016	0.125	0.015	0.025	0.000	0.000	5400.5	33.74	17.77	10	41.4	40 32.309	145 30.703	0.00
bass13	37	02/05/89	07:19:28	8.03	0.022	0.137	0.014	0.023	0.000	0.000	5357.6	33.60	17.78	10	41.8	40 32.160	145 30.917	0.00
bass13	38	02/05/89	07:21:14	7.68	0.016	0.124	0.015	0.024	0.000	0.000	5361.1	33.60	17.77	10	41.8	40 31.975	145 31.089	0.00
bass13	39	02/05/89	07:23:32	8.06	0.015	0.132	0.014	0.025	0.001	0.001	5402.8	33.60	17.72	10	41.9	40 31.848	145 31.311	0.00
bass13	40	02/05/89	07:25:18	7.69	0.016	0.124	0.014	0.022	0.000	0.000	5343.3	33.60	17.68	10	41.7	40 31.667	145 31.467	0.00
bass13	41	02/05/89	07:27:40	8.07	0.020	0.141	0.021	0.022	0.000	0.001	5398.5	33.60	17.63	10	42.4	40 31.520	145 31.681	0.01
bass13	42	02/05/89	07:29:22	7.71	0.016	0.122	0.014	0.022	0.000	0.000	5319.6	33.46	17.56	10	42.6	40 31.371	145 31.853	0.00
bass13	43	02/05/89	07:31:48	8.10	0.017	0.122	0.015	0.020	0.000	0.002	5386.6	33.60	17.42	10	42.8	40 31.198	145 32.025	0.00
bass13	44	02/05/89	07:33:26	7.72	0.017	0.121	0.016	0.019	0.000	0.000	5311.3	33.18	17.30	10	42.0	40 31.001	145 32.223	0.00
bass13	45	02/05/89	07:35:56	8.14	0.019	0.143	0.011	0.023	0.000	0.003	5329.5	34.37	16.78	10	41.8	40 30.868	145 32.443	0.00
bass13	46	02/05/89	07:37:30	7.65	0.016	0.120	0.016	0.022	0.000	0.000	5357.4	34.30	16.84	10	41.1	40 30.667	145 32.589	0.00
bass13	47	02/05/89	07:40:01	8.17	0.019	0.128	0.016	0.025	0.001	0.000	5325.4	33.95	16.70	13	41.4	40 30.542	145 32.825	0.00
bass13	48	02/05/89	07:42:00	7.98	0.014	0.120	0.012	0.017	0.000	0.000	5325.4	33.95	16.63	13	41.7	40 30.336	145 32.966	0.00
bass13	49	02/05/89	07:44:09	8.24	0.021	0.125	0.015	0.019	0.000	0.000	5366.0	33.95	16.56	13	41.1	40 30.213	145 33.201	0.00
bass13	50	02/05/89	07:45:38	8.08	0.014	0.120	0.015	0.013	0.000	0.000	5366.0	33.95	16.44	13	41.2	40 29.994	145 33.344	0.00
bass13	51	02/05/89	07:48:14	8.28	0.020	0.120	0.016	0.007	0.000	0.001	5383.4	33.95	16.43	13	42.1	40 29.873	145 33.605	0.00
bass13	52	02/05/89	07:49:43	8.11	0.016	0.110	0.013	0.014	0.000	0.000	5383.4	33.60	16.66	13	40.7	40 29.702	145 33.792	0.00
bass13	53	02/05/89	07:52:22	8.31	0.020	0.107	0.017	0.015	0.000	0.000	5342.4	33.60	16.30	13	40.7	40 29.531	145 33.979	0.00
bass13	54	02/05/89	07:53:47	8.18	0.015	0.105	0.014	0.011	0.000	0.000	5342.4	33.25	16.49	13	41.7	40 29.360	145 34.167	0.00
bass13	55	02/05/89	07:56:26	8.37	0.015	0.090	0.017	0.014	0.002	0.002	5333.7	33.60	16.17	13	41.4	40 29.180	145 34.354	0.00

TEG Light Hydrocarbon and CTD Data - Bass Basin Block T/22P

194018

line	shot	date	time	methane	ethane	ethylene	propane	propylene	ibutane	nbutane	CO2	salinity	temp(C)	height(m)	depth(m)	latitude	longitude	% wetness
bass13	56	02/05/89	07:57:52	8.13	0.015	0.095	0.014	0.011	0.000	0.000	5206.0	33.67	15.65	13	40.6	40 29.019	145 34.541	0.00
bass13	57	02/05/89	08:00:35	8.08	0.021	0.125	0.015	0.018	0.000	0.000	5119.8	33.46	15.70	13	41.0	40 28.848	145 34.729	0.00
bass13	58	02/05/89	08:01:57	8.15	0.015	0.120	0.014	0.015	0.000	0.000	5060.9	33.18	15.65	13	48.7	40 28.677	145 34.916	0.00
bass13	59	02/05/89	08:04:39	7.98	0.022	0.125	0.015	0.013	0.000	0.000	5132.4	32.90	15.11	13	50.8	40 28.506	145 35.104	0.00
bass13	60	02/05/89	08:06:00	8.24	0.016	0.115	0.014	0.012	0.000	0.000	5146.5	32.55	14.95	17	51.9	40 28.336	145 35.291	0.00
bass13	61	02/05/89	08:08:48	8.30	0.020	0.109	0.016	0.013	0.000	0.000	5180.2	32.13	14.93	17	51.0	40 28.165	145 35.478	0.00
bass13	62	02/05/89	08:10:04	8.29	0.016	0.110	0.012	0.013	0.000	0.000	5201.1	31.57	14.90	17	50.7	40 27.994	145 35.666	0.00
bass13	63	02/05/89	08:12:52	7.98	0.023	0.114	0.015	0.011	0.000	0.000	5178.9	33.60	14.88	17	51.0	40 27.823	145 35.853	0.00
bass13	64	02/05/89	08:14:09	8.14	0.023	0.094	0.016	0.012	0.000	0.000	5176.5	32.90	14.90	17	52.3	40 27.652	145 36.040	0.00
bass13	65	02/05/89	08:16:56	7.90	0.023	0.090	0.017	0.013	0.000	0.000	5187.0	32.55	14.92	17	51.3	40 27.482	145 36.228	0.01
bass13	66	02/05/89	08:18:12	7.10	0.016	0.070	0.015	0.010	0.000	0.000	5134.4	32.55	14.92	17	50.9	40 27.311	145 36.415	0.00
bass13	67	02/05/89	08:21:00	7.94	0.016	0.069	0.015	0.008	0.001	0.000	5203.2	32.55	14.77	17	50.9	40 27.140	145 36.603	0.00
bass13	68	02/05/89	08:22:16	8.08	0.016	0.075	0.013	0.010	0.000	0.000	5098.1	32.55	14.72	17	49.9	40 26.969	145 36.790	0.00
bass13	69	02/05/89	08:25:08	7.81	0.019	0.096	0.015	0.013	0.000	0.000	5170.5	31.85	14.67	17	50.9	40 26.799	145 36.977	0.00
bass13	70	02/05/89	08:26:20	8.11	0.016	0.092	0.014	0.013	0.000	0.000	5237.2	31.43	14.60	17	51.0	40 26.628	145 37.165	0.00
bass13	71	02/05/89	08:29:14	7.78	0.021	0.094	0.016	0.013	0.000	0.000	5208.6	31.50	14.59	17	51.1	40 26.457	145 37.352	0.00
bass13	72	02/05/89	08:30:25	7.96	0.016	0.092	0.014	0.009	0.000	0.000	5208.6	31.50	14.57	17	50.8	40 26.286	145 37.539	0.00
bass13	73	02/05/89	08:33:18	7.74	0.022	0.091	0.013	0.011	0.001	0.000	5203.3	31.43	14.53	17	50.5	40 26.115	145 37.727	0.00
bass13	74	02/05/89	08:34:29	8.22	0.015	0.090	0.012	0.010	0.000	0.000	5203.3	31.50	14.53	10	50.9	40 25.945	145 37.914	0.00
bass13	75	02/05/89	08:37:26	7.69	0.017	0.087	0.014	0.011	0.000	0.000	5183.5	31.50	14.55	10	50.7	40 25.774	145 38.102	0.00
bass13	76	02/05/89	08:38:33	8.12	0.016	0.075	0.012	0.012	0.000	0.000	5200.0	31.50	14.54	10	49.8	40 25.603	145 38.289	0.00
bass13	77	02/05/89	08:41:30	7.64	0.018	0.084	0.015	0.013	0.000	0.000	5221.2	31.36	14.52	10	50.2	40 25.432	145 38.476	0.00
bass13	78	02/05/89	08:42:34	8.11	0.015	0.069	0.012	0.010	0.000	0.000	5221.2	31.50	14.50	10	50.6	40 25.262	145 38.664	0.00
bass13	79	02/05/89	08:45:35	7.63	0.026	0.091	0.014	0.013	0.000	0.000	5284.3	31.43	14.52	10	50.0	40 25.091	145 38.851	0.01
bass13	80	02/05/89	08:46:37	8.11	0.014	0.078	0.010	0.009	0.000	0.000	5284.3	31.36	14.49	10	50.4	40 24.920	145 39.038	0.00
bass13	81	02/05/89	08:49:39	7.61	0.024	0.087	0.014	0.010	0.000	0.001	5328.1	31.50	14.48	10	50.6	40 24.749	145 39.226	0.01
bass13	82	02/05/89	08:50:43	7.70	0.015	0.078	0.011	0.007	0.000	0.000	5312.4	31.50	14.46	10	50.8	40 24.578	145 39.413	0.00
bass13	83	02/05/89	08:53:47	7.60	0.020	0.085	0.014	0.011	0.000	0.000	5242.5	31.43	14.44	10	50.6	40 24.408	145 39.601	0.00
bass13	84	02/05/89	08:54:48	7.65	0.015	0.070	0.013	0.009	0.000	0.000	5307.8	31.43	14.45	10	50.5	40 24.237	145 39.788	0.00
bass13	85	02/05/89	08:57:52	7.59	0.020	0.086	0.014	0.006	0.000	0.000	5380.7	32.13	14.13	10	51.1	40 24.066	145 39.975	0.00
bass13	86	02/05/89	08:58:52	7.70	0.016	0.071	0.015	0.005	0.000	0.000	5299.9	31.36	14.44	10	51.7	40 23.895	145 40.163	0.00
bass14	1	02/05/89	09:01:56	7.58	0.018	0.073	0.012	0.011	0.000	0.000	5269.4	32.20	14.11	15	51.2	40 23.725	145 40.358	0.00
bass14	2	02/05/89	09:03:02	7.57	0.019	0.061	0.013	0.010	0.000	0.000	5379.7	31.43	14.43	15	51.2	40 23.524	145 40.871	0.00
bass14	3	02/05/89	09:06:01	7.60	0.022	0.086	0.015	0.008	0.000	0.000	5430.5	31.36	14.43	15	50.5	40 23.448	145 41.005	0.00
bass14	4	02/05/89	09:07:06	7.56	0.020	0.070	0.013	0.010	0.000	0.000	5455.1	31.36	14.43	15	50.7	40 23.248	145 41.347	0.00
bass14	5	02/05/89	09:10:06	7.59	0.017	0.082	0.015	0.010	0.000	0.001	5454.2	31.36	14.39	15	50.4	40 23.179	145 41.464	0.00
bass14	6	02/05/89	09:11:10	7.57	0.018	0.072	0.012	0.009	0.000	0.000	5454.2	31.36	14.40	15	50.1	40 22.964	145 41.830	0.00
bass14	7	02/05/89	09:14:14	7.57	0.021	0.084	0.015	0.009	0.000	0.000	5487.8	31.29	14.32	15	49.3	40 22.896	145 41.949	0.00
bass14	8	02/05/89	09:15:15	7.72	0.018	0.070	0.012	0.011	0.000	0.000	5487.8	31.29	14.35	15	49.1	40 22.682	145 42.312	0.00
bass14	9	02/05/89	09:18:18	7.51	0.017	0.074	0.013	0.010	0.000	0.002	5461.6	31.29	14.34	15	49.5	40 22.603	145 42.427	0.00
bass14	10	02/05/89	09:19:19	7.67	0.019	0.079	0.013	0.009	0.000	0.000	5461.6	31.29	14.31	15	52.0	40 22.396	145 42.659	0.00
bass14	11	02/05/89	09:22:24	7.55	0.022	0.087	0.015	0.012	0.000	0.000	5539.4	31.22	14.31	15	51.6	40 22.189	145 42.891	0.00
bass14	12	02/05/89	09:23:23	7.50	0.018	0.079	0.015	0.009	0.000	0.000	5539.4	31.29	14.31	15	51.6	40 21.982	145 43.123	0.00
bass14	13	02/05/89	09:26:31	7.42	0.015	0.076	0.015	0.013	0.000	0.000	5531.1	31.29	14.28	15	51.3	40 21.775	145 43.355	0.00
bass14	14	02/05/89	09:27:27	7.44	0.015	0.077	0.012	0.010	0.000	0.000	5531.1	31.22	14.30	15	51.8	40 21.568	145 43.587	0.00
bass14	15	02/05/89	09:30:35	7.40	0.015	0.082	0.014	0.012	0.000	0.000	5588.7	31.29	14.31	15	52.2	40 21.361	145 43.819	0.00
bass14	16	02/05/89	09:31:32	7.44	0.014	0.077	0.013	0.010	0.000	0.000	5532.7	31.29	14.30	15	52.2	40 21.154	145 44.051	0.00
bass14	17	02/05/89	09:34:39	7.40	0.013	0.075	0.016	0.008	0.000	0.000	5555.4	31.29	14.28	15	51.6	40 20.947	145 44.284	0.00
bass14	18	02/05/89	09:35:37	7.49	0.014	0.072	0.013	0.008	0.000	0.000	5576.6	31.29	14.32	15	52.1	40 20.740	145 44.515	0.00
bass14	19	02/05/89	09:38:43	7.40	0.021	0.091	0.014	0.009	0.000	0.000	5531.0	31.29	14.33	15	51.3	40 20.533	145 44.747	0.00
bass14	20	02/05/89	09:42:48	7.39	0.023	0.079	0.015	0.010	0.000	0.000	5530.8	31.36	14.34	15	50.6	40 20.327	145 44.979	0.01
bass14	21	02/05/89	09:46:52	7.37	0.017	0.077	0.015	0.011	0.000	0.000	5539.3	31.29	14.32	15	52.5	40 20.120	145 45.212	0.00
bass14	22	02/05/89	09:48:43	7.26	0.018	0.076	0.013	0.010	0.000	0.000	5550.0	31.29	14.35	15	52.2	40 19.980	145 45.443	0.00
bass14	23	02/05/89	09:50:57	7.17	0.021	0.076	0.013	0.009	0.000	0.000	5549.3	31.36	14.37	15	51.4	40 19.860	145 45.639	0.00

TEG Light Hydrocarbon and CTD Data - Bass Basin Lease Block T/22P

194019

line	shot	date	time	methane	ethane	ethylene	propane	propylene	ibutane	nbutane	CO2	salinity	temp(C)	height(m)	depth(m)	latitude	longitude	% wetness
bass14	24	02/05/89	09:52:47	7.19	0.018	0.057	0.012	0.008	0.000	0.000	5475.5	31.36	14.35	15	51.1	40 19.717	145 45.868	0.00
bass14	25	02/05/89	09:55:01	7.20	0.022	0.077	0.014	0.011	0.000	0.000	5468.8	31.43	14.38	16	51.0	40 19.594	145 46.069	0.00
bass14	26	02/05/89	09:56:52	7.24	0.018	0.076	0.013	0.011	0.000	0.000	5458.9	31.36	14.36	16	51.6	40 19.435	145 46.326	0.00
bass14	27	02/05/89	09:59:05	7.27	0.021	0.083	0.016	0.011	0.000	0.000	5445.5	31.43	14.39	16	51.3	40 19.312	145 46.523	0.01
bass14	28	02/05/89	10:00:56	7.31	0.020	0.077	0.013	0.010	0.000	0.000	5447.7	31.36	14.39	16	51.3	40 19.167	145 46.754	0.00
bass14	29	02/05/89	10:03:09	7.31	0.022	0.080	0.016	0.014	0.000	0.000	5426.5	31.36	14.38	17	51.5	40 19.040	145 46.954	0.01
bass14	30	02/05/89	10:05:00	7.30	0.018	0.077	0.015	0.011	0.000	0.000	5400.0	31.36	14.37	17	51.6	40 18.864	145 47.184	0.00
bass14	31	02/05/89	10:07:14	7.33	0.020	0.079	0.015	0.015	0.000	0.000	5451.9	31.29	14.36	17	51.8	40 18.689	145 47.418	0.00
bass14	32	02/05/89	10:09:04	7.37	0.019	0.078	0.014	0.011	0.000	0.000	5406.5	31.36	14.37	18	51.9	40 18.514	145 47.650	0.00
bass14	33	02/05/89	10:11:17	7.38	0.018	0.076	0.016	0.013	0.000	0.000	5062.3	31.36	14.36	18	51.5	40 18.339	145 47.882	0.00
bass14	34	02/05/89	10:13:08	6.70	0.015	0.074	0.014	0.010	0.000	0.000	5163.2	31.43	14.34	18	52.7	40 18.164	145 48.114	0.00
bass14	35	02/05/89	10:15:21	5.86	0.015	0.093	0.014	0.011	0.000	0.000	5283.5	31.36	14.35	18	51.6	40 17.989	145 48.346	0.00
bass14	36	02/05/89	10:17:13	5.41	0.016	0.075	0.013	0.012	0.000	0.000	5256.1	31.43	14.37	18	51.3	40 17.814	145 48.579	0.01
bass14	37	02/05/89	10:19:25	5.14	0.017	0.065	0.014	0.011	0.000	0.000	5202.3	31.36	14.37	18	51.7	40 17.639	145 48.701	0.01
bass14	38	02/05/89	10:21:16	5.37	0.016	0.064	0.013	0.012	0.000	0.000	5265.2	31.36	14.37	17	51.3	40 17.464	145 48.823	0.01
bass14	39	02/05/89	10:23:30	5.07	0.016	0.061	0.014	0.011	0.000	0.000	5178.5	31.43	14.37	17	51.5	40 17.289	145 48.946	0.01
bass14	40	02/05/89	10:25:20	5.41	0.016	0.074	0.013	0.011	0.000	0.000	5320.7	31.43	14.37	17	51.6	40 17.135	145 49.162	0.01
bass14	41	02/05/89	10:27:33	5.19	0.015	0.085	0.012	0.011	0.000	0.000	5267.7	31.43	14.37	17	50.9	40 17.000	145 49.373	0.01
bass14	42	02/05/89	10:29:24	5.41	0.015	0.075	0.015	0.011	0.000	0.000	5256.6	31.36	14.40	17	50.4	40 16.847	145 49.607	0.01
bass14	43	02/05/89	10:31:37	5.38	0.020	0.069	0.013	0.011	0.000	0.000	5251.5	31.36	14.37	17	51.7	40 16.719	145 49.821	0.01
bass14	44	02/05/89	10:33:29	5.42	0.016	0.075	0.014	0.010	0.000	0.000	5314.7	31.36	14.37	17	52.2	40 16.568	145 50.072	0.01
bass14	45	02/05/89	10:35:41	5.42	0.016	0.069	0.014	0.010	0.000	0.000	5269.7	31.43	14.37	17	52.4	40 16.446	145 50.273	0.01
bass14	46	02/05/89	10:37:32	5.36	0.015	0.074	0.014	0.010	0.000	0.000	5319.4	31.36	14.40	16	52.4	40 16.292	145 50.506	0.01
bass15	1	02/05/89	10:39:46	5.36	0.019	0.069	0.007	0.009	0.000	0.000	5281.7	31.43	14.42	16	52.8	40 16.169	145 50.700	0.00
bass15	2	02/05/89	10:41:41	5.37	0.016	0.055	0.012	0.012	0.000	0.000	5267.3	31.43	14.00	16	54.9	40 16.023	145 50.912	0.01
bass15	3	02/05/89	10:43:50	5.34	0.016	0.065	0.013	0.012	0.000	0.000	5201.7	31.43	14.37	16	55.2	40 15.888	145 51.127	0.01
bass15	4	02/05/89	10:45:46	5.24	0.016	0.053	0.014	0.010	0.000	0.000	5201.7	31.43	14.44	13	54.3	40 15.742	145 51.361	0.01
bass15	5	02/05/89	10:47:55	5.21	0.015	0.054	0.013	0.011	0.000	0.000	5087.0	32.20	14.16	13	54.3	40 15.570	145 51.500	0.01
bass15	6	02/05/89	10:49:50	5.23	0.015	0.054	0.013	0.012	0.000	0.000	5078.0	31.57	14.46	13	56.0	40 15.342	145 51.617	0.01
bass15	7	02/05/89	10:51:58	5.18	0.018	0.067	0.014	0.011	0.000	0.001	5136.3	32.20	14.09	12	56.5	40 15.150	145 51.707	0.01
bass15	8	02/05/89	10:53:54	5.26	0.016	0.054	0.014	0.011	0.000	0.000	5184.0	32.27	14.15	12	55.4	40 14.937	145 51.835	0.01
bass15	9	02/05/89	10:56:04	5.55	0.016	0.072	0.013	0.011	0.000	0.000	5004.9	31.50	14.51	12	54.9	40 14.821	145 51.909	0.01
bass15	10	02/05/89	10:57:59	5.31	0.016	0.056	0.012	0.012	0.000	0.000	5055.0	31.50	14.57	12	54.7	40 14.530	145 52.110	0.01
bass15	11	02/05/89	11:00:00	5.40	0.016	0.055	0.014	0.012	0.000	0.000	5080.0	31.50	14.58	12	54.7	40 14.320	145 52.223	0.01
bass15	12	02/05/89	11:02:02	5.49	0.016	0.054	0.015	0.012	0.000	0.000	5106.5	31.57	14.56	12	54.5	40 14.158	145 52.330	0.01
bass15	13	02/05/89	11:03:53	5.49	0.014	0.072	0.013	0.011	0.000	0.002	5090.3	31.50	14.46	12	54.8	40 13.922	145 52.474	0.01
bass15	14	02/05/89	11:06:06	5.44	0.017	0.060	0.008	0.011	0.000	0.000	5024.9	31.50	14.53	12	55.2	40 13.618	145 52.650	0.00
bass15	15	02/05/89	11:10:10	5.22	0.016	0.058	0.018	0.010	0.000	0.002	4851.4	31.43	14.50	12	54.5	40 13.336	145 52.835	0.01
bass15	16	02/05/89	11:12:02	5.72	0.012	0.076	0.012	0.010	0.002	0.000	4894.4	31.22	14.52	12	55.4	40 13.098	145 52.987	0.00
bass15	17	02/05/89	11:14:17	5.66	0.018	0.062	0.013	0.012	0.000	0.000	4928.5	31.50	14.52	12	54.1	40 12.880	145 53.160	0.01
bass15	18	02/05/89	11:18:22	5.80	0.020	0.074	0.018	0.011	0.000	0.000	4929.9	31.57	14.50	15	55.3	40 12.701	145 53.242	0.01
bass15	19	02/05/89	11:22:26	5.60	0.020	0.072	0.019	0.012	0.000	0.000	5020.7	31.50	14.51	15	54.5	40 12.271	145 53.507	0.01
bass15	20	02/05/89	11:26:30	5.46	0.018	0.071	0.019	0.009	0.000	0.000	4992.0	31.71	14.48	15	54.1	40 11.866	145 53.740	0.01
bass15	21	02/05/89	11:30:37	5.50	0.020	0.070	0.018	0.011	0.000	0.000	5209.8	31.57	14.50	15	54.9	40 11.261	145 54.128	0.01
bass15	22	02/05/89	11:32:28	5.42	0.017	0.059	0.012	0.009	0.000	0.000	5180.5	31.50	14.52	15	55.6	40 11.053	145 54.245	0.01
bass15	23	02/05/89	11:34:41	5.42	0.018	0.061	0.015	0.008	0.000	0.000	5300.7	31.50	14.54	15	54.8	40 10.869	145 54.351	0.01
bass15	24	02/05/89	11:36:32	5.46	0.017	0.057	0.013	0.009	0.000	0.000	5261.1	31.50	14.55	15	55.4	40 10.659	145 54.507	0.01
bass15	25	02/05/89	11:38:45	5.36	0.017	0.060	0.017	0.008	0.000	0.000	5339.2	31.50	14.59	15	55.0	40 10.465	145 54.633	0.01
bass15	26	02/05/89	11:40:37	5.43	0.012	0.049	0.014	0.008	0.000	0.000	5410.6	31.57	14.60	15	54.9	40 10.247	145 54.756	0.00
bass15	27	02/05/89	11:42:50	5.37	0.017	0.059	0.015	0.009	0.000	0.000	5312.3	31.57	14.60	15	54.9	40 10.058	145 54.868	0.01
bass15	28	02/05/89	11:44:41	5.40	0.017	0.058	0.013	0.006	0.000	0.000	5315.2	31.57	14.63	15	55.3	40 9.841	145 55.009	0.01
bass15	29	02/05/89	11:46:53	5.48	0.017	0.060	0.017	0.010	0.000	0.000	5253.4	31.64	14.65	15	54.5	40 9.662	145 55.128	0.01
bass15	30	02/05/89	11:48:45	5.40	0.017	0.060	0.015	0.008	0.001	0.000	5267.4	31.71	14.56	20	56.2	40 9.430	145 55.267	0.01
bass15	31	02/05/89	11:50:57	5.32	0.016	0.058	0.015	0.006	0.000	0.000	5338.2	31.57	14.64	20	54.7	40 9.278	145 55.419	0.01

TEG Light Hydrocarbon and CTD Data - Bass Basin Block T/22P

line	shot	date	time	methane	ethane	ethylene	propane	propylene	ibutane	nbutane	CO2	salinity	temp(C)	height(m)	depth(m)	latitude	longitude	% wetness
bass15	32	02/05/89	11:52:53	5.20	0.015	0.060	0.015	0.008	0.000	0.000	5199.9	31.57	14.63	20	55.1	40 9.027	145 55.505	0.01
bass15	33	02/05/89	11:54:58	5.01	0.017	0.060	0.016	0.010	0.000	0.000	5266.8	31.57	14.63	20	54.9	40 8.836	145 55.638	0.01
bass15	34	02/05/89	11:56:57	4.93	0.018	0.066	0.013	0.011	0.000	0.000	5269.2	31.57	14.64	20	54.5	40 8.627	145 55.756	0.01
bass15	35	02/05/89	11:59:03	5.06	0.016	0.058	0.015	0.012	0.000	0.000	5286.9	31.64	14.63	20	55.0	40 8.424	145 55.876	0.01
bass15	36	02/05/89	12:01:03	5.06	0.016	0.063	0.013	0.003	0.000	0.000	5288.9	31.64	14.63	20	55.0	40 8.198	145 56.021	0.01
bass15	37	02/05/89	12:03:07	4.99	0.017	0.057	0.016	0.011	0.000	0.000	5450.0	31.57	14.64	20	55.1	40 8.014	145 56.142	0.01
bass15	38	02/05/89	12:05:07	5.18	0.013	0.065	0.014	0.010	0.000	0.000	5468.9	31.57	14.67	20	54.8	40 7.819	145 56.263	0.01
bass15	39	02/05/89	12:07:11	4.95	0.017	0.058	0.014	0.007	0.000	0.000	5457.4	31.57	14.67	20	54.9	40 7.622	145 56.384	0.01
bass15	40	02/05/89	12:09:11	5.18	0.018	0.060	0.017	0.005	0.000	0.000	5457.1	31.64	14.66	20	55.2	40 7.428	145 56.526	0.01
bass15	41	02/05/89	12:11:15	5.03	0.017	0.058	0.015	0.009	0.000	0.000	5527.6	31.64	14.65	20	55.6	40 7.237	145 56.638	0.01
bass15	42	02/05/89	12:13:15	5.03	0.018	0.066	0.014	0.010	0.000	0.001	5412.6	31.64	14.70	20	56.0	40 7.028	145 56.779	0.01
bass15	43	02/05/89	12:15:19	5.07	0.017	0.059	0.018	0.010	0.000	0.000	5424.1	31.71	14.74	12	54.9	40 6.848	145 56.873	0.01
bass15	44	02/05/89	12:17:23	5.58	0.017	0.060	0.018	0.010	0.000	0.000	5332.1	31.64	14.76	12	55.4	40 6.642	145 57.017	0.01
bass15	45	02/05/89	12:19:23	5.36	0.018	0.060	0.016	0.011	0.000	0.000	5231.7	31.64	14.75	12	55.4	40 6.408	145 57.160	0.01
bass15	46	02/05/89	12:21:27	5.77	0.020	0.068	0.017	0.010	0.000	0.000	5403.7	31.71	14.82	12	55.2	40 6.212	145 57.279	0.01
bass15	47	02/05/89	12:23:27	5.88	0.017	0.072	0.016	0.006	0.000	0.000	5014.6	31.71	14.83	12	56.0	40 6.001	145 57.404	0.01
bass15	48	02/05/89	12:25:32	6.00	0.021	0.078	0.016	0.008	0.000	0.000	4988.0	31.71	14.85	12	55.9	40 5.809	145 57.526	0.01
bass15	49	02/05/89	12:27:32	5.08	0.018	0.076	0.016	0.009	0.000	0.000	5000.0	31.78	14.82	12	56.6	40 5.608	145 57.653	0.01
bass15	50	02/05/89	12:29:36	5.49	0.019	0.074	0.016	0.008	0.000	0.000	4928.5	31.71	14.86	12	55.6	40 5.419	145 57.770	0.01
bass15	51	02/05/89	12:31:36	5.11	0.018	0.078	0.015	0.009	0.000	0.000	4931.2	31.78	14.87	12	55.5	40 5.201	145 57.922	0.01
bass15	52	02/05/89	12:33:40	6.07	0.023	0.086	0.018	0.008	0.000	0.001	4985.8	31.85	14.90	12	55.8	40 5.002	145 58.050	0.01
bass15	53	02/05/89	12:35:41	6.13	0.017	0.071	0.016	0.009	0.000	0.000	4991.0	31.71	14.86	12	55.1	40 4.799	145 58.200	0.01
bass15	54	02/05/89	12:37:48	6.44	0.019	0.086	0.017	0.008	0.000	0.000	4969.1	31.71	14.80	12	56.1	40 4.590	145 58.312	0.01
bass15	55	02/05/89	12:39:44	6.36	0.016	0.085	0.016	0.004	0.000	0.000	4967.5	31.71	14.79	12	56.3	40 4.387	145 58.451	0.01
bass15	56	02/05/89	12:41:53	6.77	0.022	0.087	0.016	0.008	0.000	0.000	4905.5	31.71	14.83	12	55.4	40 4.194	145 58.575	0.01
bass15	57	02/05/89	12:43:48	6.35	0.019	0.080	0.016	0.010	0.000	0.000	5006.9	31.57	14.65	12	60.0	40 3.988	145 58.698	0.01
bass15	58	02/05/89	12:45:57	6.47	0.020	0.085	0.016	0.010	0.000	0.000	5059.8	31.57	14.70	12	57.6	40 3.902	145 58.905	0.01
bass15	59	02/05/89	12:47:52	6.33	0.018	0.084	0.017	0.008	0.000	0.000	5187.7	31.71	14.77	12	55.9	40 4.049	145 59.028	0.01
bass15	60	02/05/89	12:50:00	6.36	0.014	0.075	0.015	0.010	0.000	0.000	5206.8	31.36	14.65	12	58.2	40 4.233	145 58.905	0.00
bass15	61	02/05/89	12:51:58	6.37	0.017	0.084	0.013	0.010	0.000	0.000	5226.6	31.43	14.68	12	57.0	40 4.374	145 58.674	0.00
bass15	62	02/05/89	12:54:05	6.45	0.017	0.070	0.017	0.007	0.000	0.000	5246.5	31.64	14.89	12	54.4	40 4.518	145 58.500	0.01
bass15	63	02/05/89	12:56:01	6.60	0.017	0.059	0.015	0.005	0.000	0.000	5266.3	31.71	14.98	12	53.4	40 4.708	145 58.306	0.00
bass15	64	02/05/89	12:58:09	6.76	0.017	0.065	0.017	0.008	0.000	0.000	5286.1	31.85	14.88	12	55.2	40 4.867	145 58.134	0.01
bass16	1	02/05/89	13:00:05	6.98	0.020	0.085	0.015	0.010	0.000	0.000	5306.0	31.50	14.66	13	64.9	40 5.155	145 57.887	0.00
bass16	2	02/05/89	13:02:31	7.01	0.020	0.086	0.019	0.009	0.000	0.000	5300.0	31.50	14.69	13	64.5	40 5.289	145 57.744	0.01
bass16	3	02/05/89	13:04:13	7.00	0.018	0.067	0.015	0.009	0.000	0.000	5298.0	31.57	14.67	13	65.1	40 5.449	145 57.521	0.00
bass16	4	02/05/89	13:06:35	6.95	0.021	0.098	0.016	0.011	0.000	0.000	5296.0	31.57	14.76	13	64.4	40 5.575	145 57.372	0.01
bass16	5	02/05/89	13:08:17	6.97	0.019	0.071	0.015	0.010	0.000	0.000	5294.0	31.57	14.70	13	63.9	40 5.758	145 57.142	0.00
bass16	6	02/05/89	13:10:38	6.82	0.020	0.088	0.018	0.010	0.000	0.000	5290.0	31.50	14.66	10	64.0	40 5.884	145 56.981	0.01
bass16	7	02/05/89	13:12:22	6.76	0.017	0.078	0.015	0.007	0.000	0.000	5236.0	31.50	14.69	10	63.6	40 6.054	145 56.744	0.00
bass16	8	02/05/89	13:14:43	6.89	0.019	0.070	0.017	0.008	0.000	0.000	5213.0	31.50	14.70	10	63.5	40 6.103	145 56.680	0.01
bass16	9	02/05/89	13:16:26	6.69	0.016	0.070	0.014	0.009	0.000	0.000	5184.0	31.50	14.70	10	62.0	40 6.362	145 56.353	0.00
bass16	10	02/05/89	13:18:47	6.53	0.020	0.084	0.018	0.010	0.000	0.000	5224.0	31.50	14.71	10	60.9	40 6.509	145 56.160	0.01
bass16	11	02/05/89	13:20:29	6.70	0.017	0.078	0.015	0.008	0.000	0.000	5209.0	31.50	14.69	10	61.0	40 6.694	145 55.911	0.00
bass16	12	02/05/89	13:22:50	6.85	0.017	0.065	0.019	0.010	0.000	0.000	5131.0	31.57	14.63	10	60.7	40 6.826	145 55.737	0.01
bass16	13	02/05/89	13:24:34	6.66	0.017	0.077	0.015	0.010	0.000	0.000	5088.0	31.57	14.64	10	60.6	40 7.018	145 55.512	0.00
bass16	14	02/05/89	13:26:55	6.91	0.020	0.086	0.018	0.010	0.000	0.000	5154.0	31.57	14.63	10	60.7	40 7.148	145 55.336	0.01
bass16	15	02/05/89	13:28:38	6.63	0.017	0.079	0.015	0.007	0.000	0.000	5118.0	31.57	14.60	10	60.8	40 7.354	145 55.085	0.00
bass16	16	02/05/89	13:30:59	6.87	0.020	0.082	0.018	0.011	0.000	0.000	5220.0	31.57	14.60	18	60.9	40 7.494	145 54.926	0.01
bass16	17	02/05/89	13:32:42	6.70	0.016	0.076	0.016	0.009	0.000	0.000	5242.0	31.57	14.62	18	60.6	40 7.684	145 54.686	0.00
bass16	18	02/05/89	13:35:04	6.68	0.015	0.073	0.016	0.009	0.000	0.000	5316.0	31.50	14.63	18	60.9	40 7.809	145 54.510	0.00
bass16	19	02/05/89	13:36:46	6.68	0.017	0.075	0.016	0.009	0.000	0.000	5297.0	31.50	14.58	18	60.9	40 8.000	145 54.278	0.00
bass16	20	02/05/89	13:39:08	6.78	0.017	0.070	0.019	0.009	0.000	0.000	5341.0	31.50	14.61	18	60.5	40 8.148	145 54.089	0.01
bass16	21	02/05/89	13:40:50	6.72	0.016	0.086	0.014	0.010	0.000	0.000	5344.0	31.50	14.61	18	60.7	40 8.341	145 53.855	0.00

TEG Light Hydrocarbon and CTD Data - Bass Basin Block T/22P

line	shot	date	time	methane	ethane	ethylene	propane	propylene	ibutane	nbutane	CO2	salinity	temp(C)	height(m)	depth(m)	latitude	longitude	% wetness
bass16	22	02/05/89	13:43:11	6.79	0.016	0.088	0.015	0.010	0.000	0.000	5324.0	31.50	14.63	18	60.3	40 8.476	145 53.685	0.00
bass16	23	02/05/89	13:44:55	6.60	0.017	0.076	0.014	0.010	0.000	0.000	5313.0	31.57	14.63	18	60.5	40 8.681	145 53.465	0.00
bass16	24	02/05/89	13:47:16	6.61	0.020	0.075	0.018	0.010	0.000	0.000	5329.0	31.57	14.64	18	60.7	40 8.818	145 53.298	0.01
bass16	25	02/05/89	13:48:58	6.73	0.016	0.076	0.016	0.010	0.000	0.000	5339.0	31.57	14.67	18	60.4	40 9.038	145 53.080	0.00
bass16	26	02/05/89	13:51:20	6.94	0.019	0.074	0.016	0.010	0.000	0.000	5300.0	31.57	14.57	15	60.4	40 9.175	145 52.917	0.01
bass16	27	02/05/89	13:53:02	6.70	0.016	0.077	0.015	0.011	0.000	0.000	5282.0	31.57	14.56	15	60.5	40 9.377	145 52.661	0.00
bass16	28	02/05/89	13:55:24	6.95	0.017	0.075	0.019	0.010	0.000	0.000	5251.0	31.36	14.56	15	60.3	40 9.519	145 52.502	0.01
bass16	29	02/05/89	13:57:07	6.65	0.016	0.077	0.015	0.008	0.000	0.000	5251.0	31.50	14.55	15	61.3	40 9.720	145 52.277	0.00
bass16	30	02/05/89	13:59:28	6.73	0.020	0.082	0.017	0.010	0.000	0.000	5379.0	31.50	14.50	15	62.0	40 9.863	145 52.088	0.01
bass16	31	02/05/89	14:01:11	6.57	0.016	0.077	0.017	0.009	0.000	0.000	5472.0	31.50	14.48	15	63.0	40 10.039	145 51.870	0.00
bass16	32	02/05/89	14:03:33	6.76	0.020	0.069	0.019	0.012	0.000	0.000	5395.0	31.50	14.48	15	63.3	40 10.168	145 51.703	0.01
bass16	33	02/05/89	14:05:15	6.69	0.016	0.077	0.018	0.011	0.000	0.000	5327.0	31.50	14.52	15	63.5	40 10.341	145 51.480	0.01
bass16	34	02/05/89	14:07:37	6.59	0.020	0.079	0.016	0.010	0.000	0.000	5411.0	31.50	14.47	15	62.8	40 10.478	145 51.306	0.01
bass16	35	02/05/89	14:09:19	6.68	0.020	0.070	0.016	0.008	0.000	0.000	5419.0	31.50	14.44	15	63.0	40 10.653	145 51.072	0.01
bass16	36	02/05/89	14:11:41	6.51	0.021	0.074	0.017	0.011	0.000	0.000	5423.0	31.50	14.45	15	62.0	40 10.775	145 50.905	0.01
bass16	37	02/05/89	14:13:24	6.76	0.022	0.078	0.015	0.009	0.000	0.000	5453.0	31.50	14.43	15	62.8	40 10.923	145 50.706	0.01
bass16	38	02/05/89	14:15:44	6.68	0.024	0.085	0.014	0.011	0.000	0.000	5346.0	31.50	14.51	15	63.0	40 11.070	145 50.508	0.01
bass16	39	02/05/89	14:17:27	6.84	0.021	0.079	0.015	0.010	0.000	0.000	5388.0	31.50	14.52	15	63.0	40 11.244	145 50.277	0.01
bass16	40	02/05/89	14:19:48	6.95	0.019	0.076	0.017	0.010	0.000	0.000	5338.0	31.50	14.51	15	63.0	40 11.384	145 50.103	0.01
bass16	41	02/05/89	14:21:31	6.79	0.016	0.070	0.015	0.010	0.000	0.000	5342.0	31.50	14.42	15	62.5	40 11.565	145 49.887	0.00
bass16	42	02/05/89	14:23:53	6.72	0.021	0.077	0.018	0.010	0.000	0.000	5303.0	31.50	14.40	13	63.0	40 11.694	145 49.722	0.01
bass16	43	02/05/89	14:25:36	6.63	0.022	0.061	0.017	0.008	0.000	0.000	5240.0	31.50	14.44	13	62.3	40 11.881	145 49.501	0.01
bass16	44	02/05/89	14:27:57	6.82	0.018	0.075	0.016	0.011	0.000	0.000	5091.0	31.50	14.39	13	62.8	40 12.012	145 49.340	0.00
bass16	45	02/05/89	14:29:39	6.82	0.019	0.062	0.014	0.008	0.000	0.000	5121.0	31.50	14.39	13	62.5	40 12.207	145 49.100	0.00
bass16	46	02/05/89	14:32:01	6.81	0.022	0.088	0.017	0.009	0.000	0.000	5197.0	31.50	14.36	13	62.5	40 12.318	145 48.957	0.01
bass16	47	02/05/89	14:33:44	6.71	0.016	0.078	0.015	0.009	0.000	0.000	5142.0	31.50	14.36	13	62.9	40 12.504	145 48.732	0.00
bass16	48	02/05/89	14:36:05	6.63	0.020	0.080	0.016	0.008	0.000	0.000	5133.0	31.50	14.35	13	62.4	40 12.642	145 48.563	0.01
bass16	49	02/05/89	14:37:48	6.63	0.019	0.077	0.015	0.009	0.000	0.000	5132.0	31.50	14.37	13	62.9	40 12.824	145 48.344	0.01
bass16	50	02/05/89	14:40:10	6.64	0.022	0.078	0.014	0.009	0.000	0.000	5128.0	31.57	14.36	13	62.8	40 12.968	145 48.164	0.01
bass16	51	02/05/89	14:41:52	6.64	0.016	0.077	0.013	0.008	0.000	0.000	5209.0	31.57	14.38	13	62.1	40 13.149	145 47.948	0.00
bass16	52	02/05/89	14:44:14	6.84	0.018	0.082	0.016	0.011	0.000	0.000	5280.0	31.57	14.36	13	62.1	40 13.278	145 47.792	0.00
bass16	53	02/05/89	14:45:56	6.63	0.016	0.076	0.012	0.009	0.000	0.000	5280.0	31.57	14.36	13	62.1	40 13.462	145 47.574	0.00
bass16	54	02/05/89	14:48:18	6.62	0.020	0.074	0.015	0.009	0.000	0.000	5235.0	31.57	14.35	15	62.3	40 13.608	145 47.399	0.01
bass16	55	02/05/89	14:50:01	6.62	0.019	0.077	0.015	0.009	0.000	0.000	5235.0	31.57	14.35	15	62.1	40 13.794	145 47.175	0.01
bass16	56	02/05/89	14:52:23	6.64	0.020	0.080	0.014	0.010	0.000	0.000	5235.0	31.57	14.36	15	62.3	40 13.923	145 47.027	0.01
bass16	57	02/05/89	14:54:05	6.59	0.019	0.078	0.013	0.009	0.000	0.000	5235.0	31.57	14.33	15	62.0	40 14.111	145 46.804	0.00
bass16	58	02/05/89	14:56:27	6.76	0.020	0.076	0.017	0.009	0.000	0.000	5172.0	31.57	14.34	15	62.3	40 14.240	145 46.650	0.01
bass16	59	02/05/89	14:58:09	6.58	0.019	0.077	0.012	0.008	0.000	0.000	5117.0	31.57	14.36	15	61.9	40 14.419	145 46.421	0.00
bass16	60	02/05/89	15:00:32	6.79	0.019	0.077	0.014	0.011	0.000	0.000	5112.0	31.57	14.35	15	62.0	40 14.554	145 46.238	0.00
bass16	61	02/05/89	15:02:12	6.60	0.015	0.077	0.012	0.011	0.000	0.000	5152.0	31.57	14.36	15	62.5	40 14.725	145 46.009	0.00
bass16	62	02/05/89	15:04:35	6.80	0.021	0.076	0.015	0.011	0.000	0.000	5125.0	31.57	14.34	15	62.1	40 14.857	145 45.850	0.01
bass16	63	02/05/89	15:06:17	6.95	0.018	0.076	0.013	0.010	0.000	0.000	5135.0	31.57	14.34	15	62.4	40 15.040	145 45.624	0.00
bass16	64	02/05/89	15:08:39	7.12	0.022	0.086	0.016	0.013	0.000	0.000	5159.0	31.57	14.34	15	62.5	40 15.175	145 45.454	0.01
bass16	65	02/05/89	15:10:21	7.25	0.018	0.060	0.013	0.011	0.000	0.000	5092.0	31.57	14.34	15	62.7	40 15.352	145 45.234	0.00
bass16	66	02/05/89	15:12:43	7.40	0.019	0.072	0.014	0.014	0.000	0.000	5096.0	31.57	14.34	14	62.1	40 15.482	145 45.073	0.00
bass16	67	02/05/89	15:14:25	7.38	0.017	0.061	0.013	0.011	0.000	0.000	5105.0	31.43	14.36	14	62.0	40 15.661	145 44.848	0.00
bass16	68	02/05/89	15:16:50	7.38	0.022	0.075	0.015	0.014	0.000	0.000	5172.0	31.43	14.33	14	62.4	40 15.790	145 44.689	0.00
bass16	69	02/05/89	15:18:29	7.29	0.016	0.061	0.013	0.012	0.000	0.000	5127.0	31.43	14.34	14	62.1	40 15.982	145 44.454	0.00
bass16	70	02/05/89	15:20:54	7.38	0.021	0.081	0.016	0.015	0.000	0.000	5150.0	31.43	14.35	14	62.3	40 16.115	145 44.293	0.00
bass16	71	02/05/89	15:22:33	7.20	0.016	0.061	0.014	0.012	0.002	0.000	5150.0	31.43	14.33	14	62.7	40 16.293	145 44.075	0.00
bass16	72	02/05/89	15:24:58	7.39	0.020	0.075	0.016	0.016	0.000	0.000	5138.0	31.43	14.34	14	61.8	40 16.436	145 43.900	0.00
bass16	73	02/05/89	15:26:42	7.27	0.017	0.065	0.015	0.013	0.000	0.000	5138.0	31.43	14.32	14	61.8	40 16.619	145 43.667	0.00
bass16	74	02/05/89	15:29:02	7.39	0.020	0.073	0.013	0.016	0.000	0.000	5311.0	31.43	14.32	14	61.8	40 16.762	145 43.489	0.00
bass16	75	02/05/89	15:30:47	7.29	0.018	0.066	0.014	0.014	0.000	0.000	5276.0	31.43	14.32	14	61.8	40 16.939	145 43.271	0.00

TEG Light Hydrocarbon and CTD Data - Bass Basin Block T/22P

line	shot	date	time	methane	ethane	ethylene	propane	propylene	ibutane	nbutane	CO2	salinity	temp(C)	height(m)	depth(m)	latitude	longitude	% wetness
bass16	76	02/05/89	15:33:07	7.39	0.021	0.080	0.018	0.013	0.000	0.000	5284.0	31.43	14.31	14	61.9	40 17.089	145 43.098	0.01
bass16	77	02/05/89	15:34:51	7.29	0.017	0.075	0.014	0.013	0.000	0.000	5252.0	31.43	14.32	14	62.2	40 17.272	145 42.880	0.00
bass16	78	02/05/89	15:37:11	7.39	0.020	0.081	0.016	0.013	0.000	0.000	5266.0	31.43	14.30	14	62.1	40 17.400	145 42.728	0.00
bass16	79	02/05/89	15:38:55	7.23	0.018	0.075	0.016	0.018	0.000	0.000	5300.0	31.43	14.31	11	61.6	40 17.581	145 42.504	0.00
bass16	80	02/05/89	15:41:14	7.39	0.021	0.083	0.016	0.018	0.000	0.000	5277.0	31.43	14.29	11	61.8	40 17.720	145 42.345	0.00
bass16	81	02/05/89	15:43:00	7.25	0.017	0.074	0.015	0.013	0.000	0.000	5281.0	31.43	14.31	11	61.8	40 17.902	145 42.120	0.00
bass16	82	02/05/89	15:45:18	7.36	0.019	0.078	0.015	0.013	0.000	0.000	5279.0	31.43	14.31	11	61.3	40 18.043	145 41.948	0.00
bass16	83	02/05/89	15:47:04	7.25	0.017	0.074	0.015	0.013	0.000	0.000	5133.0	31.43	14.29	11	61.5	40 18.220	145 41.713	0.00
bass16	84	02/05/89	15:49:22	7.33	0.022	0.082	0.015	0.012	0.000	0.000	5156.0	31.43	14.30	11	61.7	40 18.347	145 41.548	0.01
bass16	85	02/05/89	15:51:08	7.23	0.017	0.065	0.013	0.012	0.000	0.000	5175.0	31.43	14.29	11	61.6	40 18.526	145 41.321	0.00
bass16	86	02/05/89	15:53:27	7.33	0.020	0.079	0.015	0.013	0.000	0.000	5156.0	31.43	14.28	11	61.5	40 18.667	145 41.142	0.00
bass16	87	02/05/89	15:55:12	7.21	0.019	0.074	0.013	0.011	0.000	0.000	5147.0	31.43	14.30	11	61.5	40 18.833	145 40.924	0.00
bass16	88	02/05/89	15:57:30	7.35	0.023	0.084	0.015	0.014	0.000	0.000	5137.0	31.43	14.30	11	61.4	40 18.972	145 40.741	0.01
bass16	89	02/05/89	15:59:16	7.25	0.021	0.075	0.014	0.016	0.000	0.000	5144.0	31.36	14.31	11	62.1	40 19.152	145 40.503	0.00
bass16	90	02/05/89	16:01:35	7.36	0.020	0.080	0.015	0.010	0.000	0.000	5100.0	31.36	14.30	10	62.2	40 19.277	145 40.342	0.00
bass16	91	02/05/89	16:03:20	7.21	0.017	0.075	0.013	0.011	0.000	0.000	5130.0	31.36	14.30	10	62.4	40 19.431	145 40.151	0.00
bass16	92	02/05/89	16:05:39	7.35	0.020	0.077	0.014	0.011	0.000	0.000	5153.0	31.36	14.31	10	62.6	40 19.597	145 39.954	0.00
bass16	93	02/05/89	16:07:23	7.27	0.016	0.070	0.013	0.012	0.000	0.000	5238.0	31.36	14.32	10	62.9	40 19.779	145 39.739	0.00
bass16	94	02/05/89	16:09:44	7.37	0.018	0.069	0.015	0.013	0.000	0.000	5148.0	31.36	14.34	10	62.2	40 19.907	145 39.584	0.00
bass16	95	02/05/89	16:11:27	7.21	0.018	0.071	0.014	0.012	0.000	0.000	5158.0	31.36	14.37	10	62.1	40 20.092	145 39.368	0.00
bass16	96	02/05/89	16:13:48	7.37	0.020	0.087	0.014	0.013	0.000	0.000	5173.0	31.36	14.39	10	61.7	40 20.222	145 39.208	0.00
bass16	97	02/05/89	16:15:32	7.21	0.018	0.071	0.014	0.012	0.000	0.000	5173.0	31.36	14.41	10	61.4	40 20.404	145 38.990	0.00
bass16	98	02/05/89	16:17:52	7.38	0.021	0.086	0.015	0.015	0.000	0.000	5121.0	31.36	14.43	10	61.9	40 20.549	145 38.817	0.00
bass16	99	02/05/89	16:19:36	7.23	0.019	0.077	0.014	0.014	0.000	0.000	5121.0	31.36	14.42	10	61.9	40 20.733	145 38.593	0.00
bass16	100	02/05/89	16:21:56	7.42	0.021	0.085	0.015	0.012	0.000	0.000	5088.0	31.36	14.43	10	61.5	40 20.863	145 38.436	0.00
bass16	101	02/05/89	16:23:41	7.39	0.018	0.076	0.013	0.012	0.000	0.000	5080.0	31.36	14.45	10	61.7	40 21.043	145 38.209	0.00
bass16	102	02/05/89	16:26:00	7.53	0.023	0.087	0.015	0.011	0.000	0.000	5069.0	31.36	14.45	10	61.5	40 21.186	145 38.027	0.01
bass16	103	02/05/89	16:27:45	7.33	0.019	0.076	0.014	0.011	0.000	0.000	5072.0	31.36	14.44	10	61.5	40 21.363	145 37.806	0.00
bass16	104	02/05/89	16:30:04	7.53	0.016	0.082	0.014	0.010	0.000	0.000	5057.0	31.36	14.44	10	61.9	40 21.488	145 37.650	0.00
bass16	105	02/05/89	16:31:49	7.37	0.018	0.076	0.015	0.011	0.000	0.000	5225.0	31.36	14.46	10	59.2	40 21.666	145 37.432	0.00
bass16	106	02/05/89	16:34:08	7.57	0.021	0.085	0.016	0.011	0.000	0.000	5303.0	31.36	14.42	7	59.5	40 21.810	145 37.251	0.00
bass16	107	02/05/89	16:35:54	7.30	0.019	0.078	0.016	0.012	0.000	0.000	5262.0	31.36	14.48	7	59.6	40 21.991	145 37.026	0.00
bass16	108	02/05/89	16:38:12	7.57	0.020	0.085	0.014	0.010	0.000	0.004	5287.0	31.36	14.47	7	60.0	40 22.118	145 36.868	0.00
bass16	109	02/05/89	16:39:57	7.39	0.018	0.077	0.013	0.013	0.000	0.000	5247.0	31.43	14.48	7	60.0	40 22.294	145 36.654	0.00
bass16	110	02/05/89	16:42:20	7.57	0.021	0.088	0.013	0.010	0.000	0.000	5250.0	31.43	14.48	7	59.7	40 22.420	145 36.497	0.00
bass16	111	02/05/89	16:44:01	7.31	0.019	0.079	0.014	0.012	0.000	0.000	5255.0	31.43	14.51	7	59.8	40 22.592	145 36.286	0.00
bass16	112	02/05/89	16:46:24	7.58	0.021	0.089	0.014	0.010	0.000	0.000	5305.0	31.43	14.51	7	59.4	40 22.724	145 36.129	0.00
bass16	113	02/05/89	16:48:06	7.30	0.019	0.079	0.015	0.012	0.000	0.000	5324.0	31.43	14.52	7	59.2	40 22.910	145 35.900	0.00
bass16	114	02/05/89	16:50:28	7.58	0.019	0.078	0.014	0.011	0.000	0.000	5158.0	31.43	14.53	7	59.1	40 23.046	145 35.735	0.00
bass16	115	02/05/89	16:52:10	7.30	0.019	0.079	0.015	0.011	0.000	0.000	5352.0	31.50	14.53	7	59.1	40 23.227	145 35.510	0.00
bass16	116	02/05/89	16:54:32	7.60	0.020	0.080	0.015	0.013	0.000	0.000	5325.0	31.50	14.54	7	58.6	40 23.370	145 35.332	0.00
bass16	117	02/05/89	16:56:14	7.31	0.019	0.081	0.015	0.013	0.000	0.000	5304.0	31.50	14.54	7	59.0	40 23.551	145 35.103	0.00
bass16	118	02/05/89	16:58:38	7.61	0.021	0.091	0.015	0.013	0.000	0.000	5304.0	31.50	14.59	9	59.7	40 23.678	145 34.942	0.00
bass16	119	02/05/89	17:00:18	7.33	0.019	0.081	0.015	0.013	0.000	0.000	5305.0	31.50	14.60	9	58.9	40 23.825	145 34.691	0.00
bass16	120	02/05/89	17:02:43	7.61	0.021	0.091	0.014	0.015	0.000	0.000	5289.0	31.57	14.67	9	57.8	40 23.928	145 34.497	0.00
bass16	121	02/05/89	17:04:22	7.34	0.020	0.081	0.016	0.011	0.000	0.000	5289.0	31.50	14.69	9	59.5	40 24.134	145 34.327	0.00
bass16	122	02/05/89	17:06:47	7.65	0.022	0.088	0.014	0.012	0.000	0.000	5239.0	31.57	14.64	9	57.7	40 24.243	145 34.503	0.00
bass16	123	02/05/89	17:08:27	7.40	0.019	0.082	0.014	0.011	0.000	0.000	5239.0	31.57	14.62	9	56.9	40 24.110	145 34.748	0.00
bass16	124	02/05/89	17:10:51	7.70	0.022	0.095	0.014	0.011	0.000	0.000	5253.0	31.57	14.59	9	61.2	40 23.935	145 34.850	0.00
bass16	125	02/05/89	17:12:31	7.45	0.020	0.085	0.016	0.012	0.000	0.000	5202.0	31.50	14.56	9	60.0	40 23.675	145 34.980	0.00
bass16	126	02/05/89	17:14:55	7.71	0.021	0.087	0.016	0.013	0.000	0.000	5220.0	31.50	14.55	9	59.3	40 23.513	145 35.061	0.00
bass17	1	02/05/89	17:16:35	7.52	0.020	0.083	0.017	0.013	0.000	0.000	5189.9	31.50	14.55	8	52.8	40 23.268	145 35.187	0.00
bass17	2	02/05/89	17:19:04	7.67	0.019	0.089	0.015	0.013	0.000	0.000	5255.3	31.57	14.55	8	52.7	40 23.114	145 35.266	0.00
bass17	3	02/05/89	17:20:43	7.57	0.019	0.081	0.015	0.012	0.000	0.000	5238.7	31.50	14.52	8	52.7	40 22.856	145 35.400	0.00

TEG Light Hydrocarbon and CTD Data - Bass Basin Block T/22P

line	shot	date	time	methane	ethane	ethylene	propane	propylene	ibutane	nbutane	CO2	salinity	temp(C)	height(m)	depth(m)	latitude	longitude	% wetness
bass17	4	02/05/89	17:23:09	7.62	0.020	0.081	0.015	0.014	0.000	0.000	5274.8	31.50	14.53	10	53.3	40 22.684	145 35.490	0.00
bass17	5	02/05/89	17:24:47	7.52	0.023	0.071	0.011	0.013	0.000	0.000	5222.6	31.50	14.52	10	53.3	40 22.440	145 35.614	0.00
bass17	6	02/05/89	17:27:12	7.60	0.022	0.089	0.015	0.012	0.000	0.000	5253.8	31.50	14.51	10	53.4	40 22.440	145 35.614	0.00
bass17	7	02/05/89	17:31:17	7.58	0.019	0.080	0.015	0.014	0.000	0.000	5243.4	31.43	14.51	10	53.4	40 22.013	145 35.834	0.00
bass17	8	02/05/89	17:35:22	7.56	0.023	0.091	0.016	0.015	0.000	0.000	5094.7	31.50	14.50	10	53.6	40 21.612	145 36.041	0.01
bass17	9	02/05/89	17:39:27	7.57	0.023	0.090	0.016	0.013	0.000	0.000	5191.0	31.50	14.49	10	53.6	40 21.187	145 36.259	0.01
bass17	10	02/05/89	17:43:31	7.55	0.020	0.088	0.014	0.009	0.000	0.000	5185.8	31.50	14.48	10	53.8	40 20.760	145 36.324	0.00
bass17	11	02/05/89	17:47:36	7.56	0.022	0.097	0.016	0.009	0.000	0.000	5228.8	31.50	14.48	10	54.3	40 20.450	145 36.558	0.01
bass17	12	02/05/89	17:49:00	7.56	0.022	0.095	0.013	0.009	0.000	0.000	5220.8	31.50	15.46	10	54.3	40 20.157	145 36.790	0.00
bass17	13	02/05/89	17:51:41	7.49	0.020	0.096	0.011	0.008	0.000	0.000	5216.8	31.43	14.44	10	54.2	40 19.948	145 36.790	0.00
bass17	14	02/05/89	17:55:45	7.55	0.024	0.094	0.014	0.011	0.000	0.000	5183.2	31.43	14.45	10	54.0	40 19.541	145 37.046	0.01
bass17	15	02/05/89	17:59:49	7.54	0.023	0.095	0.018	0.012	0.000	0.000	5212.4	31.43	14.43	10	53.8	40 19.154	145 37.289	0.01
bass17	16	02/05/89	18:03:54	7.53	0.022	0.093	0.014	0.014	0.000	0.000	5144.4	31.43	14.40	10	54.0	40 18.782	145 37.531	0.00
bass17	17	02/05/89	18:07:58	7.53	0.020	0.088	0.016	0.012	0.000	0.000	5192.7	31.36	14.39	10	53.5	40 18.403	145 37.745	0.00
bass17	18	02/05/89	18:12:03	7.53	0.019	0.071	0.013	0.010	0.000	0.000	5204.3	31.36	14.36	10	54.1	40 18.000	145 37.963	0.00
bass17	19	02/05/89	18:16:07	7.46	0.020	0.086	0.017	0.012	0.000	0.000	5224.6	31.36	14.32	10	54.0	40 17.617	145 38.058	0.00
bass17	20	02/05/89	18:20:13	7.42	0.019	0.079	0.014	0.012	0.000	0.000	5221.3	31.36	14.32	10	54.1	40 17.215	145 38.297	0.00
bass17	21	02/05/89	18:25:00	7.43	0.020	0.080	0.017	0.012	0.000	0.000	5230.5	31.36	14.31	10	54.5	40 16.800	145 38.552	0.00
bass17	22	02/05/89	18:29:27	7.38	0.022	0.083	0.014	0.012	0.000	0.002	5319.3	31.36	14.30	10	54.8	40 16.297	145 38.800	0.01
bass17	23	02/05/89	18:33:32	7.37	0.019	0.080	0.017	0.012	0.000	0.000	5316.7	31.36	14.31	10	54.5	40 15.774	145 39.069	0.00
bass17	24	02/05/89	18:34:53	7.31	0.018	0.071	0.015	0.014	0.000	0.000	5300.9	31.36	14.31	10	54.3	40 15.497	145 39.212	0.00
bass17	25	02/05/89	18:37:40	7.36	0.019	0.079	0.016	0.013	0.000	0.001	5298.3	31.43	14.31	10	54.4	40 15.290	145 39.318	0.00
bass17	26	02/05/89	18:41:50	7.37	0.021	0.080	0.014	0.012	0.001	0.001	5289.8	31.50	14.31	15	54.0	40 15.093	145 39.424	0.00
bass17	27	02/05/89	18:45:59	7.35	0.022	0.080	0.016	0.015	0.000	0.002	5283.0	31.43	14.32	15	54.3	40 14.561	145 39.721	0.01
bass17	28	02/05/89	18:47:17	7.39	0.019	0.071	0.016	0.014	0.000	0.000	5283.0	31.43	14.32	15	53.7	40 14.288	145 39.882	0.00
bass17	29	02/05/89	18:50:07	7.34	0.022	0.081	0.017	0.014	0.000	0.000	5270.9	31.22	14.32	17	53.3	40 14.174	145 39.946	0.01
bass17	30	02/05/89	18:51:21	7.39	0.020	0.068	0.012	0.013	0.000	0.000	5270.9	31.43	14.34	17	58.5	40 13.891	145 40.109	0.00
bass17	31	02/05/89	18:54:12	7.36	0.018	0.079	0.014	0.013	0.000	0.000	5325.2	31.15	14.32	17	58.3	40 13.770	145 40.175	0.00
bass17	32	02/05/89	18:55:25	7.34	0.020	0.068	0.014	0.013	0.000	0.000	5325.2	31.36	14.35	17	58.8	40 13.472	145 40.340	0.00
bass17	33	02/05/89	18:58:16	7.38	0.021	0.081	0.015	0.013	0.000	0.000	5246.0	31.43	14.34	17	58.1	40 13.355	145 40.404	0.00
bass17	34	02/05/89	18:59:29	7.34	0.018	0.069	0.013	0.012	0.000	0.000	5246.0	31.36	14.33	10	58.2	40 13.071	145 40.552	0.00
bass17	35	02/05/89	19:02:20	7.37	0.022	0.080	0.015	0.016	0.000	0.000	5292.1	31.36	14.33	10	58.4	40 12.951	145 40.615	0.00
bass17	36	02/05/89	19:03:33	7.37	0.021	0.075	0.014	0.014	0.000	0.000	5292.1	31.43	14.34	10	58.6	40 12.664	145 40.761	0.00
bass17	37	02/05/89	19:06:24	7.37	0.022	0.084	0.015	0.015	0.000	0.000	5290.3	31.43	14.36	10	58.7	40 12.524	145 40.812	0.00
bass17	38	02/05/89	19:07:37	7.37	0.019	0.075	0.013	0.013	0.000	0.000	5269.3	31.43	14.35	10	58.6	40 12.238	145 40.961	0.00
bass17	39	02/05/89	19:10:28	7.37	0.021	0.081	0.016	0.010	0.001	0.000	5255.0	31.57	14.31	10	59.2	40 12.123	145 41.023	0.01
bass17	40	02/05/89	19:11:42	7.37	0.018	0.075	0.014	0.011	0.000	0.000	5255.8	31.36	14.35	10	58.9	40 11.867	145 40.966	0.00
bass17	41	02/05/89	19:14:37	7.38	0.022	0.087	0.016	0.016	0.000	0.000	5251.7	31.43	14.36	10	60.1	40 11.786	145 41.016	0.01
bass17	42	02/05/89	19:15:46	7.38	0.019	0.076	0.015	0.012	0.000	0.000	5202.2	31.43	14.35	12	59.2	40 11.497	145 41.234	0.00
bass25	1	02/06/89	12:11:28	7.33	0.020	0.076	0.017	0.012	0.000	0.000	.	31.43	14.34	15	58.3	40 8.890	145 39.767	0.01
bass25	2	02/06/89	12:14:10	7.37	0.025	0.079	0.015	0.014	0.000	0.000	.	31.43	14.36	15	58.2	40 8.979	145 39.613	0.01
bass25	3	02/06/89	12:15:37	7.21	0.020	0.067	0.017	0.010	0.000	0.000	.	31.43	14.34	15	58.2	40 9.166	145 39.318	0.01
bass25	4	02/06/89	12:18:14	7.34	0.026	0.085	0.015	0.011	0.000	0.000	.	31.43	14.34	15	58.0	40 9.268	145 39.150	0.01
bass25	5	02/06/89	12:19:41	7.27	0.020	0.078	0.018	0.012	0.000	0.000	.	31.43	14.33	15	58.1	40 9.453	145 38.849	0.01
bass25	6	02/06/89	12:22:19	7.29	0.023	0.082	0.016	0.013	0.000	0.000	.	31.43	14.33	15	57.5	40 9.546	145 38.703	0.01
bass25	7	02/06/89	12:23:45	7.26	0.022	0.076	0.017	0.016	0.000	0.000	.	31.43	14.32	15	57.5	40 9.730	145 38.405	0.01
bass25	8	02/06/89	12:26:23	7.26	0.023	0.079	0.016	0.013	0.000	0.000	.	31.43	14.33	15	58.1	40 9.800	145 38.295	0.01
bass25	9	02/06/89	12:27:50	7.23	0.020	0.077	0.014	0.015	0.000	0.000	.	31.43	14.32	15	57.0	40 10.017	145 37.965	0.00
bass25	10	02/06/89	12:30:27	7.25	0.023	0.078	0.015	0.014	0.000	0.000	.	31.43	14.33	12	57.8	40 10.128	145 37.800	0.01
bass25	11	02/06/89	12:31:54	7.22	0.022	0.077	0.018	0.014	0.000	0.000	.	31.43	14.32	12	58.4	40 10.327	145 37.516	0.01
bass25	12	02/06/89	12:34:31	7.25	0.023	0.078	0.017	0.010	0.000	0.000	.	31.43	14.30	12	58.3	40 10.425	145 37.377	0.01
bass25	13	02/06/89	12:35:59	7.20	0.021	0.077	0.018	0.015	0.000	0.000	.	31.43	14.31	12	57.8	40 10.629	145 37.099	0.01
bass25	14	02/06/89	12:38:35	7.23	0.022	0.081	0.015	0.016	0.002	0.002	.	31.43	14.31	12	58.7	40 10.743	145 36.942	0.01
bass25	15	02/06/89	12:40:02	7.20	0.022	0.076	0.016	0.014	0.000	0.000	.	31.43	14.31	12	58.5	40 10.940	145 36.665	0.01

TEG Light Hydrocarbon and CTD Data - Bass Basin Block T/22P

line	shot	date	time	methane	ethane	ethylene	propane	propylene	ibutane	nbutane	CO2	salinity	temp(C)	height(m)	depth(m)	latitude	longitude	% wetness
bass25	16	02/06/89	12:42:44	7.21	0.023	0.079	0.017	0.017	0.002	0.000	.	31.43	14.31	12	58.3	40 11.042	145 36.535	0.01
bass25	17	02/06/89	12:44:07	7.28	0.020	0.075	0.017	0.014	0.000	0.000	.	31.36	14.31	12	58.0	40 11.257	145 36.240	0.01
bass25	18	02/06/89	12:46:53	7.21	0.022	0.083	0.018	0.014	0.000	0.000	.	31.43	14.30	12	58.6	40 11.361	145 36.105	0.01
bass25	19	02/06/89	12:48:11	7.18	0.020	0.076	0.018	0.012	0.000	0.000	.	31.43	14.32	12	58.2	40 11.568	145 35.841	0.01
bass25	20	02/06/89	12:50:57	7.22	0.023	0.078	0.016	0.012	0.000	0.000	.	31.36	14.31	12	58.3	40 11.673	145 35.713	0.01
bass25	21	02/06/89	12:52:15	7.18	0.021	0.076	0.020	0.013	0.000	0.000	.	31.36	14.30	12	58.1	40 11.888	145 35.438	0.01
bass25	22	02/06/89	12:55:01	7.20	0.019	0.076	0.016	0.010	0.000	0.000	.	31.43	14.32	12	58.9	40 11.997	145 35.306	0.00
bass25	23	02/06/89	12:56:20	7.18	0.019	0.075	0.018	0.012	0.000	0.000	.	31.43	14.33	12	58.2	40 12.208	145 35.059	0.01
bass25	24	02/06/89	12:59:06	7.22	0.018	0.073	0.014	0.011	0.000	0.000	.	31.43	14.32	12	58.8	40 12.314	145 34.940	0.00
bass25	25	02/06/89	13:00:24	7.11	0.021	0.067	0.018	0.013	0.000	0.000	.	31.43	14.32	12	58.3	40 12.551	145 34.678	0.01
bass25	26	02/06/89	13:03:10	7.23	0.022	0.078	0.016	0.012	0.000	0.000	.	31.43	14.35	12	58.3	40 12.647	145 34.570	0.01
bass25	27	02/06/89	13:04:28	7.11	0.019	0.076	0.016	0.012	0.000	0.000	.	31.43	14.35	12	58.6	40 12.879	145 34.310	0.00
bass25	28	02/06/89	13:07:14	7.24	0.025	0.084	0.017	0.014	0.000	0.003	.	31.43	14.35	12	58.9	40 12.985	145 34.186	0.01
bass25	29	02/06/89	13:08:33	7.12	0.019	0.077	0.017	0.013	0.000	0.000	.	31.36	14.36	12	58.1	40 13.206	145 33.917	0.01
bass25	30	02/06/89	13:11:23	7.28	0.023	0.080	0.017	0.015	0.000	0.000	.	31.50	14.37	12	55.1	40 13.294	145 33.805	0.01
bass25	31	02/06/89	13:12:37	7.13	0.020	0.078	0.017	0.014	0.000	0.000	.	31.43	14.37	12	54.2	40 13.514	145 33.517	0.01
bass25	32	02/06/89	13:15:28	7.27	0.022	0.097	0.015	0.015	0.000	0.000	.	31.43	14.39	12	54.0	40 13.616	145 33.384	0.01
bass25	33	02/06/89	13:16:42	7.14	0.018	0.078	0.017	0.014	0.000	0.000	.	31.43	14.40	12	54.3	40 13.824	145 33.089	0.00
bass25	34	02/06/89	13:19:32	7.29	0.022	0.084	0.018	0.015	0.000	0.000	.	31.57	14.43	12	54.2	40 13.905	145 32.963	0.01
bass25	35	02/06/89	13:20:46	7.16	0.020	0.079	0.018	0.013	0.000	0.000	.	31.57	14.43	12	54.2	40 14.095	145 32.642	0.01
bass25	36	02/06/89	13:23:36	7.29	0.021	0.074	0.014	0.014	0.000	0.001	.	31.50	14.46	15	54.1	40 14.189	145 32.503	0.00
bass25	37	02/06/89	13:24:50	7.17	0.019	0.071	0.017	0.013	0.000	0.000	.	31.57	14.50	15	54.3	40 14.393	145 32.203	0.00
bass25	38	02/06/89	13:27:45	7.33	0.021	0.080	0.015	0.013	0.000	0.000	.	31.50	14.52	15	54.2	40 14.478	145 32.078	0.00
bass25	39	02/06/89	13:28:55	7.21	0.021	0.071	0.017	0.014	0.000	0.000	.	31.57	14.53	15	54.0	40 14.696	145 31.787	0.01
bass25	40	02/06/89	13:31:49	7.36	0.019	0.077	0.014	0.014	0.000	0.002	.	31.57	14.60	15	54.0	40 14.784	145 31.670	0.00
bass25	41	02/06/89	13:32:56	7.25	0.020	0.073	0.017	0.012	0.000	0.000	.	31.64	14.61	15	54.1	40 15.012	145 31.368	0.01
bass25	42	02/06/89	13:35:58	7.42	0.020	0.091	0.016	0.012	0.000	0.000	.	31.64	14.69	15	54.4	40 15.085	145 31.267	0.00
bass25	43	02/06/89	13:36:59	7.28	0.020	0.074	0.016	0.013	0.000	0.000	.	31.64	14.70	15	54.5	40 15.318	145 30.934	0.00
bass25	44	02/06/89	13:40:02	7.51	0.026	0.088	0.015	0.014	0.000	0.000	.	31.71	14.74	15	54.3	40 15.393	145 30.824	0.01
bass25	45	02/06/89	13:41:04	7.28	0.021	0.076	0.017	0.012	0.000	0.000	.	31.64	14.76	15	54.4	40 15.612	145 30.505	0.01
bass25	46	02/06/89	13:44:07	7.60	0.022	0.096	0.015	0.011	0.000	0.000	.	31.71	14.81	15	51.1	40 15.684	145 30.399	0.00
bass25	47	02/06/89	13:45:08	7.22	0.020	0.073	0.017	0.011	0.000	0.000	.	31.78	14.82	9	51.5	40 15.921	145 30.062	0.01
bass25	48	02/06/89	13:48:11	7.67	0.022	0.093	0.017	0.010	0.000	0.000	.	31.78	14.88	9	49.3	40 15.994	145 29.956	0.01
bass25	49	02/06/89	13:49:12	7.40	0.022	0.076	0.015	0.012	0.000	0.000	.	31.71	14.88	9	49.2	40 16.220	145 29.652	0.00
bass25	50	02/06/89	13:52:15	7.72	0.024	0.087	0.015	0.017	0.000	0.000	.	31.78	14.94	9	48.5	40 16.295	145 29.550	0.01
bass25	51	02/06/89	13:53:20	7.58	0.021	0.083	0.017	0.012	0.000	0.000	.	31.85	14.96	9	48.4	40 16.517	145 29.244	0.00
bass25	52	02/06/89	13:56:20	7.79	0.023	0.095	0.017	0.014	0.000	0.000	.	31.85	15.00	12	46.8	40 16.603	145 29.125	0.01
bass25	53	02/06/89	13:57:25	7.54	0.022	0.086	0.019	0.013	0.000	0.000	.	31.85	15.04	12	45.5	40 16.603	145 29.125	0.01
bass26	1	02/06/89	14:06:08	7.79	0.022	0.090	0.018	0.015	0.000	0.000	5054.4	32.06	15.20	11	46.7	40 16.627	145 27.913	0.01
bass26	2	02/06/89	14:07:55	7.90	0.023	0.096	0.016	0.016	0.000	0.000	5061.6	32.06	15.20	11	45.9	40 16.436	145 27.662	0.00
bass26	3	02/06/89	14:10:11	7.74	0.022	0.093	0.019	0.017	0.000	0.000	5026.1	31.99	15.22	11	46.1	40 16.296	145 27.488	0.01
bass26	4	02/06/89	14:11:59	7.94	0.025	0.106	0.015	0.017	0.000	0.000	5078.6	31.99	15.18	11	46.4	40 16.102	145 27.242	0.01
bass26	5	02/06/89	14:14:16	7.76	0.023	0.094	0.018	0.016	0.000	0.000	5036.7	31.99	15.19	11	46.3	40 15.969	145 27.061	0.01
bass26	6	02/06/89	14:16:03	7.94	0.025	0.096	0.018	0.016	0.000	0.000	5075.6	31.99	15.17	11	46.4	40 15.782	145 26.814	0.01
bass26	7	02/06/89	14:18:19	7.75	0.023	0.094	0.017	0.014	0.000	0.000	5061.7	31.92	15.15	12	48.6	40 15.639	145 26.624	0.01
bass26	8	02/06/89	14:20:08	7.94	0.025	0.096	0.016	0.013	0.001	0.000	5058.5	31.92	15.13	12	49.8	40 15.500	145 26.461	0.01
bass26	9	02/06/89	14:22:23	7.77	0.023	0.095	0.019	0.015	0.000	0.000	5216.9	31.92	15.13	12	49.1	40 15.314	145 26.505	0.01
bass26	10	02/06/89	14:24:15	7.96	0.027	0.093	0.018	0.016	0.000	0.000	5152.4	31.85	15.03	12	49.1	40 15.161	145 26.605	0.01
bass26	11	02/06/89	14:26:27	7.75	0.021	0.093	0.017	0.015	0.000	0.000	5202.8	31.85	14.99	12	45.3	40 15.059	145 26.732	0.00
bass26	12	02/06/89	14:28:19	7.95	0.025	0.095	0.018	0.015	0.000	0.000	5195.1	31.85	14.95	12	44.8	40 14.917	145 26.946	0.01
bass26	13	02/06/89	14:30:31	7.85	0.024	0.092	0.019	0.015	0.000	0.000	5192.9	31.78	14.92	12	44.2	40 14.796	145 27.127	0.01
bass26	14	02/06/89	14:32:23	7.92	0.024	0.093	0.016	0.013	0.000	0.000	5235.8	31.78	14.89	12	45.0	40 14.657	145 27.356	0.01
bass26	15	02/06/89	14:34:35	7.81	0.021	0.090	0.018	0.014	0.000	0.000	5249.9	31.57	14.83	12	45.0	40 14.539	145 27.548	0.00
bass26	16	02/06/89	14:36:28	7.87	0.022	0.099	0.016	0.014	0.000	0.000	5211.6	31.71	14.83	12	44.2	40 14.401	145 27.770	0.00

TEG Light Hydrocarbon and CTD Data - Bass Basin Block T/22P

line	shot	date	time	methane	ethane	ethylene	propane	propylene	ibutane	nbutane	CO2	salinity	temp(C)	height(m)	depth(m)	latitude	longitude'	% wetness
bass26	17	02/06/89	14:38:39	7.77	0.022	0.088	0.017	0.015	0.000	0.000	5313.0	31.71	14.79	12	44.3	40 14.266	145 27.969	0.00
bass26	18	02/06/89	14:40:32	7.81	0.025	0.099	0.015	0.013	0.000	0.000	5301.2	31.57	14.76	12	44.4	40 14.116	145 28.195	0.01
bass26	19	02/06/89	14:42:44	7.72	0.022	0.085	0.019	0.014	0.000	0.000	5288.7	31.57	14.70	12	44.1	40 13.997	145 28.376	0.01
bass26	20	02/06/89	14:44:36	7.77	0.026	0.096	0.016	0.013	0.000	0.001	5311.9	31.50	14.69	12	43.3	40 13.822	145 28.612	0.01
bass26	21	02/06/89	14:46:48	7.76	0.021	0.083	0.018	0.014	0.000	0.000	5346.4	31.64	14.71	12	42.9	40 13.667	145 28.804	0.01
bass26	22	02/06/89	14:48:44	7.73	0.024	0.095	0.016	0.013	0.000	0.000	5344.0	31.64	14.60	20	42.3	40 13.497	145 29.022	0.01
bass26	23	02/06/89	14:50:53	7.73	0.022	0.082	0.017	0.014	0.000	0.000	5293.4	31.57	14.63	20	41.9	40 13.348	145 29.238	0.01
bass26	24	02/06/89	14:52:48	7.65	0.024	0.095	0.016	0.014	0.000	0.000	5312.0	31.64	14.60	20	41.4	40 13.180	145 29.480	0.01
bass26	25	02/06/89	14:54:56	7.66	0.021	0.080	0.016	0.014	0.000	0.000	5364.6	31.57	14.56	20	42.3	40 13.027	145 29.698	0.00
bass26	26	02/06/89	14:56:52	7.58	0.023	0.096	0.015	0.012	0.000	0.000	5319.4	31.57	14.58	20	41.1	40 12.871	145 29.934	0.00
bass26	27	02/06/89	14:59:00	7.69	0.021	0.079	0.015	0.014	0.000	0.000	5338.2	31.50	14.51	20	41.8	40 12.723	145 30.145	0.00
bass26	28	02/06/89	15:00:56	7.51	0.023	0.090	0.015	0.013	0.000	0.000	5344.7	31.57	14.47	20	51.4	40 12.539	145 30.423	0.01
bass26	29	02/06/89	15:03:04	7.44	0.022	0.077	0.016	0.013	0.000	0.000	5357.4	31.57	14.45	20	50.5	40 12.388	145 30.650	0.01
bass26	30	02/06/89	15:05:00	7.44	0.023	0.088	0.015	0.014	0.000	0.000	5363.9	31.50	14.41	20	47.7	40 12.210	145 30.910	0.01
bass26	31	02/06/89	15:07:08	7.46	0.021	0.076	0.017	0.015	0.000	0.000	5369.6	31.43	14.42	20	48.2	40 12.041	145 31.154	0.01
bass26	32	02/06/89	15:09:04	7.37	0.025	0.096	0.016	0.013	0.000	0.000	5351.7	31.43	14.42	18	48.7	40 11.897	145 31.344	0.01
bass26	33	02/06/89	15:11:12	7.39	0.021	0.074	0.014	0.014	0.000	0.000	5419.3	31.43	14.37	18	49.2	40 11.702	145 31.597	0.00
bass26	34	02/06/89	15:13:09	7.31	0.025	0.086	0.016	0.010	0.000	0.000	5371.1	31.43	14.35	18	49.5	40 11.530	145 31.820	0.01
bass26	35	02/06/89	15:15:16	7.26	0.021	0.072	0.016	0.014	0.000	0.000	5374.9	31.43	14.35	18	50.0	40 11.363	145 32.032	0.01
bass26	36	02/06/89	15:17:13	7.28	0.020	0.075	0.015	0.012	0.000	0.000	5371.1	31.36	14.34	18	49.1	40 11.208	145 32.250	0.00
bass26	37	02/06/89	15:19:19	7.24	0.021	0.070	0.017	0.010	0.000	0.000	5339.9	31.43	14.35	18	49.6	40 11.059	145 32.492	0.01
bass26	38	02/06/89	15:21:17	7.26	0.023	0.083	0.014	0.014	0.000	0.000	5363.4	31.43	14.33	18	49.1	40 10.897	145 32.747	0.01
bass26	39	02/06/89	15:23:24	7.22	0.021	0.068	0.017	0.012	0.000	0.000	5391.0	31.36	14.32	18	49.2	40 10.762	145 32.959	0.01
bass26	40	02/06/89	15:25:20	7.25	0.024	0.081	0.016	0.014	0.000	0.000	5441.1	31.43	14.32	18	50.9	40 10.600	145 33.210	0.01
bass26	41	02/06/89	15:27:28	7.20	0.020	0.068	0.017	0.014	0.000	0.000	5449.0	31.43	14.32	18	50.3	40 10.450	145 33.433	0.01
bass26	42	02/06/89	15:29:25	7.21	0.023	0.084	0.017	0.013	0.000	0.000	5466.1	31.43	14.33	20	51.2	40 10.306	145 33.647	0.01
bass26	43	02/06/89	15:31:33	7.19	0.020	0.067	0.019	0.013	0.000	0.000	5415.5	31.43	14.35	20	50.9	40 10.155	145 33.860	0.01
bass26	44	02/06/89	15:33:29	7.19	0.023	0.080	0.016	0.010	0.000	0.000	5424.8	31.43	14.34	20	50.7	40 9.984	145 34.087	0.01
bass26	45	02/06/89	15:35:37	7.17	0.020	0.068	0.019	0.014	0.000	0.000	5461.1	31.43	14.34	20	51.0	40 9.831	145 34.296	0.01
bass26	46	02/06/89	15:37:33	7.18	0.022	0.079	0.015	0.012	0.000	0.000	5418.0	31.43	14.32	20	50.7	40 9.676	145 34.506	0.01
bass26	47	02/06/89	15:39:40	7.15	0.019	0.067	0.018	0.012	0.000	0.000	5417.8	31.50	14.33	20	54.0	40 9.519	145 34.715	0.01
bass26	48	02/06/89	15:41:37	7.17	0.020	0.071	0.016	0.009	0.000	0.000	5441.4	31.43	14.35	20	55.2	40 9.353	145 34.946	0.00
bass26	49	02/06/89	15:43:44	7.15	0.020	0.067	0.016	0.013	0.000	0.000	5408.0	31.43	14.33	20	54.9	40 9.217	145 35.136	0.01
bass26	50	02/06/89	15:45:42	7.16	0.023	0.080	0.016	0.012	0.000	0.000	5442.5	31.43	14.32	20	54.4	40 9.051	145 35.372	0.01
bass26	51	02/06/89	15:47:48	7.14	0.020	0.066	0.017	0.015	0.000	0.000	5448.9	31.43	14.33	20	56.9	40 8.900	145 35.588	0.01
bass26	52	02/06/89	15:49:46	7.17	0.025	0.080	0.015	0.015	0.000	0.000	5448.1	31.43	14.34	14	56.0	40 8.709	145 35.901	0.01
bass26	53	02/06/89	15:51:53	7.15	0.021	0.067	0.018	0.014	0.000	0.000	5439.5	31.43	14.34	14	56.7	40 8.574	145 36.086	0.01
bass26	54	02/06/89	15:53:50	7.17	0.026	0.083	0.016	0.015	0.000	0.000	5469.0	31.43	14.35	14	56.9	40 8.408	145 36.321	0.01
bass26	55	02/06/89	15:55:57	7.05	0.021	0.067	0.018	0.014	0.000	0.000	5413.6	31.43	14.35	14	56.4	40 8.235	145 36.568	0.01
bass26	56	02/06/89	15:57:54	7.18	0.020	0.077	0.015	0.012	0.000	0.000	5411.7	31.50	14.35	14	56.4	40 8.091	145 36.764	0.00
bass26	57	02/06/89	16:00:02	7.06	0.021	0.067	0.019	0.015	0.000	0.000	5436.0	31.43	14.35	14	57.9	40 7.934	145 36.974	0.01
bass26	58	02/06/89	16:01:58	7.19	0.024	0.083	0.017	0.015	0.000	0.000	5407.3	31.50	14.36	14	56.9	40 7.763	145 37.200	0.01
bass26	59	02/06/89	16:04:05	7.07	0.021	0.067	0.018	0.015	0.000	0.000	5456.2	31.50	14.37	14	57.9	40 7.633	145 37.381	0.01
bass26	60	02/06/89	16:06:03	7.21	0.023	0.079	0.015	0.014	0.000	0.002	5416.7	31.50	14.34	14	58.5	40 7.461	145 37.630	0.01
bass26	61	02/06/89	16:08:09	7.08	0.021	0.068	0.018	0.014	0.000	0.000	5388.7	31.50	14.34	14	57.4	40 7.315	145 37.841	0.01
bass26	62	02/06/89	16:10:06	7.24	0.027	0.083	0.015	0.014	0.000	0.000	5384.8	31.50	14.34	14	56.5	40 7.169	145 38.055	0.01
bass26	63	02/06/89	16:12:13	7.02	0.025	0.068	0.018	0.012	0.000	0.000	5408.1	31.50	14.34	10	56.7	40 7.014	145 38.276	0.01
bass26	64	02/06/89	16:14:10	7.30	0.024	0.082	0.016	0.013	0.000	0.000	5399.9	31.43	14.36	10	58.4	40 6.877	145 38.478	0.01
bass26	65	02/06/89	16:16:18	7.00	0.022	0.068	0.019	0.013	0.000	0.000	5392.7	31.50	14.35	10	58.1	40 6.722	145 38.703	0.01
bass26	66	02/06/89	16:18:14	7.28	0.023	0.082	0.015	0.016	0.000	0.000	5391.0	31.50	14.35	10	57.6	40 6.561	145 38.939	0.01
bass26	67	02/06/89	16:20:22	7.07	0.022	0.068	0.017	0.012	0.000	0.000	5385.3	31.50	14.36	10	56.7	40 6.414	145 39.159	0.01
bass26	68	02/06/89	16:22:19	7.31	0.025	0.078	0.016	0.012	0.000	0.000	5417.9	31.50	14.35	10	57.0	40 6.248	145 39.404	0.01
bass26	69	02/06/89	16:24:26	7.18	0.021	0.068	0.017	0.012	0.000	0.000	5414.9	31.50	14.38	10	56.5	40 6.107	145 39.600	0.01
bass26	70	02/06/89	16:26:23	7.34	0.027	0.082	0.015	0.015	0.000	0.000	5425.3	31.50	14.38	10	56.5	40 5.938	145 39.836	0.01

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TEG Light Hydrocarbon and CTD Data - Bass Basin Block T/22P

line	shot	date	time	methane	ethane	ethylene	propane	propylene	ibutane	nbutane	CO2	salinity	temp(C)	height(m)	depth(m)	latitude	longitude	% wetness
bass26	71	02/06/89	16:28:29	7.22	0.022	0.067	0.016	0.011	0.000	0.000	5409.9	31.50	14.38	10	57.1	40 5.786	145 40.047	0.01
bass26	72	02/06/89	16:30:27	7.36	0.022	0.069	0.018	0.010	0.000	0.000	5413.5	31.43	14.35	10	57.8	40 5.634	145 40.259	0.01

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