

	id	x	y	longitude	latitude	depth	strat	depth_bin
1	tut_0001	516.7206	-1583.250	-170.8449	-14.32115	4.108418	1	SHAL
2	tut_0002	518.2191	-1581.822	-170.8311	-14.30823	5.267782	1	SHAL
3	tut_0003	525.7116	-1588.248	-170.7615	-14.36627	5.155553	2	SHAL
4	tut_0004	547.4898	-1579.782	-170.5597	-14.28944	4.850365	3	SHAL
5	tut_0005	548.5887	-1578.660	-170.5495	-14.27928	5.774637	4	SHAL
6	tut_0006	548.3889	-1578.456	-170.5514	-14.27743	4.673053	5	SHAL
7	tut_0007	547.0902	-1577.436	-170.5634	-14.26823	5.442570	5	SHAL
8	tut_0008	542.1951	-1577.742	-170.6088	-14.27108	4.689253	6	SHAL
9	tut_0009	521.8155	-1584.780	-170.7977	-14.33495	2.699516	7	SHAL
10	tut_0010	517.5198	-1583.760	-170.8375	-14.32576	3.468434	7	SHAL
11	tut_0011	525.8115	-1579.578	-170.7607	-14.28788	8.570851	8	MID
12	tut_0012	519.5178	-1580.904	-170.8190	-14.29992	11.530923	8	MID
13	tut_0013	519.4179	-1580.802	-170.8200	-14.29900	9.899129	8	MID
14	tut_0014	529.8075	-1579.068	-170.7236	-14.28323	16.952190	8	MID
15	tut_0015	530.2071	-1577.640	-170.7200	-14.27031	13.462763	8	MID
16	tut_0016	529.8075	-1578.252	-170.7236	-14.27585	11.556486	8	MID
17	tut_0017	527.4099	-1587.840	-170.7458	-14.36257	15.940181	9	MID
18	tut_0018	525.6117	-1588.248	-170.7625	-14.36627	11.866974	10	MID
19	tut_0019	547.4898	-1580.496	-170.5597	-14.29589	15.658967	11	MID
20	tut_0020	545.6916	-1581.108	-170.5763	-14.30146	15.488772	11	MID
21	tut_0021	545.7915	-1581.108	-170.5754	-14.30146	15.574534	11	MID
22	tut_0022	547.1901	-1580.394	-170.5625	-14.29498	14.520176	11	MID
23	tut_0023	547.0902	-1579.476	-170.5634	-14.28668	8.645487	11	MID
24	tut_0024	548.9883	-1579.272	-170.5458	-14.28480	11.686952	12	MID
25	tut_0025	535.6017	-1574.376	-170.6700	-14.24074	9.274948	13	MID
26	tut_0026	531.9054	-1576.518	-170.7042	-14.26015	12.735158	13	MID
27	tut_0027	547.0902	-1577.640	-170.5634	-14.27008	13.353830	13	MID
28	tut_0028	534.4029	-1574.682	-170.6811	-14.24352	16.361265	13	MID
29	tut_0029	535.5018	-1573.356	-170.6709	-14.23152	14.519272	13	MID
30	tut_0030	546.5907	-1574.988	-170.5681	-14.24611	12.633962	13	MID
31	tut_0031	538.1991	-1575.396	-170.6459	-14.24993	11.617799	13	MID
32	tut_0032	543.1941	-1575.906	-170.5996	-14.25446	11.742552	13	MID
33	tut_0033	534.6027	-1574.784	-170.6792	-14.24444	7.620862	13	MID
34	tut_0034	541.5957	-1575.600	-170.6144	-14.25172	15.981226	13	MID
35	tut_0035	547.1901	-1575.192	-170.5625	-14.24794	10.353758	13	MID
36	tut_0036	534.5028	-1574.682	-170.6802	-14.24352	12.022965	13	MID
37	tut_0037	542.1951	-1577.844	-170.6088	-14.27200	13.729495	14	MID
38	tut_0038	535.1022	-1580.394	-170.6745	-14.29516	17.531867	14	MID
39	tut_0039	545.0922	-1578.252	-170.5819	-14.27565	6.137807	14	MID
40	tut_0040	538.3989	-1582.230	-170.6439	-14.31171	16.454259	14	MID
41	tut_0041	543.6936	-1578.864	-170.5949	-14.28120	7.277046	14	MID
42	tut_0042	540.3969	-1578.660	-170.6255	-14.27941	9.991324	14	MID
43	tut_0043	543.4938	-1581.312	-170.5967	-14.30334	17.436191	14	MID
44	tut_0044	534.3030	-1580.904	-170.6819	-14.29978	8.292179	14	MID
45	tut_0045	545.7915	-1578.456	-170.5755	-14.27748	17.223826	14	MID
46	tut_0046	544.2930	-1578.660	-170.5893	-14.27935	7.438321	14	MID
47	tut_0047	542.3949	-1579.272	-170.6069	-14.28491	13.580367	14	MID
48	tut_0048	537.8994	-1582.536	-170.6486	-14.31449	13.528165	14	MID
49	tut_0049	535.1022	-1580.700	-170.6745	-14.29792	9.259811	14	MID
50	tut_0050	529.5078	-1586.310	-170.7263	-14.34871	16.221021	14	MID
51	tut_0051	532.3050	-1584.678	-170.7004	-14.33393	12.286636	14	MID
52	tut_0052	531.8055	-1584.984	-170.7050	-14.33670	15.891700	14	MID
53	tut_0053	522.7146	-1586.106	-170.7893	-14.34693	15.304687	15	MID
54	tut_0054	518.8185	-1584.474	-170.8255	-14.33221	14.049899	15	MID
55	tut_0055	522.0153	-1584.780	-170.7958	-14.33495	11.001197	15	MID
56	tut_0056	517.3200	-1584.066	-170.8394	-14.32853	12.650187	15	MID
57	tut_0057	523.0143	-1586.820	-170.7866	-14.35339	8.432288	15	MID
58	tut_0058	528.1092	-1578.762	-170.7394	-14.28048	29.534841	16	DEEP
59	tut_0059	516.8205	-1582.842	-170.8440	-14.31746	27.240246	16	DEEP
60	tut_0060	518.3190	-1581.618	-170.8301	-14.30639	18.661081	16	DEEP
61	tut_0061	519.9174	-1580.802	-170.8153	-14.29900	23.504006	16	DEEP
62	tut_0062	528.0093	-1579.476	-170.7403	-14.28694	19.792060	16	DEEP
63	tut_0063	529.7076	-1578.048	-170.7246	-14.27401	24.756391	16	DEEP
64	tut_0064	520.1172	-1580.496	-170.8135	-14.29623	28.391882	16	DEEP
65	tut_0065	528.4089	-1578.354	-170.7366	-14.27679	28.430577	16	DEEP
66	tut_0066	520.0173	-1580.802	-170.8144	-14.29900	19.580796	16	DEEP
67	tut_0067	519.7176	-1580.802	-170.8172	-14.29900	27.816107	16	DEEP
68	tut_0068	523.7136	-1579.986	-170.7801	-14.29159	18.843064	16	DEEP
69	tut_0069	517.5198	-1582.638	-170.8375	-14.31561	18.751232	16	DEEP
70	tut_0070	526.3110	-1588.758	-170.7560	-14.37088	20.555193	17	DEEP
71	tut_0071	525.5118	-1588.452	-170.7634	-14.36812	19.688287	18	DEEP
72	tut_0072	548.8884	-1579.782	-170.5467	-14.28941	26.187479	19	DEEP
73	tut_0073	545.8914	-1580.802	-170.5745	-14.29869	18.887399	19	DEEP
74	tut_0074	549.2880	-1579.782	-170.5430	-14.28941	28.941400	19	DEEP
75	tut_0075	546.9903	-1579.986	-170.5643	-14.29129	21.469820	19	DEEP
76	tut_0076	548.7885	-1579.782	-170.5476	-14.28942	18.961974	19	DEEP
77	tut_0077	550.1871	-1579.374	-170.5347	-14.28570	27.871681	20	DEEP
78	tut_0078	549.3879	-1578.864	-170.5421	-14.28111	20.838611	20	DEEP
79	tut_0079	549.3879	-1578.456	-170.5421	-14.27742	22.082717	20	DEEP
80	tut_0080	549.5877	-1577.742	-170.5403	-14.27096	27.181772	20	DEEP
81	tut_0081	550.2870	-1578.966	-170.5338	-14.28201	26.938891	20	DEEP
82	tut_0082	549.2880	-1578.558	-170.5430	-14.27834	19.298577	20	DEEP
83	tut_0083	552.4848	-1578.558	-170.5134	-14.27828	28.730208	20	DEEP
84	tut_0084	546.1911	-1574.886	-170.5718	-14.24519	23.566518	21	DEEP
85	tut_0085	546.9903	-1578.048	-170.5644	-14.27377	29.048946	21	DEEP
86	tut_0086	546.7905	-1578.048	-170.5662	-14.27377	20.445055	21	DEEP
87	tut_0087	532.4049	-1575.600	-170.6996	-14.25184	24.789800	21	DEEP
88	tut_0088	536.9004	-1575.396	-170.6579	-14.24994	23.743517	21	DEEP
89	tut_0089	537.8994	-1572.642	-170.6487	-14.22503	25.241566	21	DEEP
90	tut_0090	543.5937	-1575.702	-170.5959	-14.25261	25.598352	21	DEEP
91	tut_0091	539.0982	-1575.192	-170.6376	-14.24807	22.243097	21	DEEP
92	tut_0092	537.5997	-1575.498	-170.6514	-14.25086	22.342897	21	DEEP
93	tut_0093	537.6996	-1575.804	-170.6505	-14.25362	25.664699	21	DEEP
94	tut_0094	545.3919	-1574.988	-170.5792	-14.24613	22.375963	21	DEEP
95	tut_0095	535.4019	-1573.458	-170.6718	-14.23244	23.186231	21	DEEP
96	tut_0096	541.3959	-1575.702	-170.6163	-14.25265	27.524696	21	DEEP
97	tut_0097	535.3020	-1573.968	-170.6728	-14.23705	20.020736	21	DEEP
98	tut_0098	547.8894	-1576.314	-170.5560	-14.25808	26.873396	21	DEEP
99	tut_0099	534.8025	-1581.108	-170.6773	-14.30162	18.798700	22	DEEP
100	tut_0100	541.1961	-1578.966	-170.6181	-14.28216	29.040652	22	DEEP
101	tut_0101	538.3989	-1581.210	-170.6440	-14.30249	19.372903	22	DEEP
102	tut_0102	543.1941	-1581.108	-170.5995	-14.30150	28.132871	22	DEEP
103	tut_0103	538.1991	-1581.210	-170.6458	-14.30249	21.285450	22	DEEP
104	tut_0104	532.8045	-1584.474	-170.6958	-14.33207	26.982280	22	DEEP
105	tut_0105	539.9973	-1579.068	-170.6292	-14.28310	18.085913	22	DEEP
106	tut_0106	537.1002	-1582.434	-170.6560	-14.31358	29.736108	22	DEEP
107	tut_0107	541.2960	-1578.864	-170.6171	-14.28124	23.722935	22	DEEP
108	tut_0108	528.2091	-1588.248	-170.7384	-14.36625	27.251728	22	DEEP
109	tut_0109	541.3959	-1578.762	-170.6162	-14.28031	29.474695	22	DEEP
110	tut_0110	538.4988	-1579.680	-170.6431	-14.28866	20.815940	22	DEEP
111	tut_0111	541.8954	-1578.456	-170.6116	-14.27754	24.710342	22	DEEP
112	tut_0112	540.9963	-1578.966	-170.6199	-14.28216	25.340636	22	DEEP
113	tut_0113	535.9014	-1583.454	-170.6671	-14.32281	26.842125	22	DEEP
114	tut_0114	545.4918	-1581.312	-170.5782	-14.30331	22.581511	22	DEEP
115	tut_0115	545.3919	-1581.414	-170.5791	-14.30423	28.625905	22	DEEP
116	tut_0116	540.8964	-1581.006	-170.6208	-14.30061	21.376514	22	DEEP
117	tut_0117	544.9923	-1581.210	-170.5828	-14.30239	26.668719	22	DEEP
118	tut_0118	543.7935	-1581.414	-170.5939	-14.30426	19.215296	22	DEEP
119	tut_0119	526.0113	-1589.370	-170.7587	-14.37642	28.092946	23	DEEP
120	tut_0120	524.1132	-1588.656	-170.7763	-14.36998	29.728149	23	DEEP
121	tut_0121	524.4129	-1588.758	-170.7736	-14.37090	27.984508	23	DEEP
122	tut_0122	524.4129</						