

	id	x	y	longitude	latitude	depth	strat	depth_bin
1	tut_0001	518.5188	-1581.720	-170.8283	-14.30731	4.028099	1	SHAL
2	tut_0002	518.2191	-1581.822	-170.8311	-14.30823	5.267782	1	SHAL
3	tut_0003	525.6117	-1587.840	-170.7625	-14.36259	5.746875	2	SHAL
4	tut_0004	547.3899	-1579.578	-170.5606	-14.28760	4.071588	3	SHAL
5	tut_0005	548.5887	-1578.660	-170.5495	-14.27928	5.774637	4	SHAL
6	tut_0006	537.6996	-1576.110	-170.6505	-14.25639	2.549233	5	SHAL
7	tut_0007	542.0952	-1576.008	-170.6098	-14.25540	2.976846	5	SHAL
8	tut_0008	536.4009	-1579.986	-170.6625	-14.29145	4.502531	6	SHAL
9	tut_0009	523.3140	-1587.330	-170.7838	-14.35799	2.996599	7	SHAL
10	tut_0010	521.8155	-1584.780	-170.7977	-14.33495	2.699516	7	SHAL
11	tut_0011	525.9114	-1579.782	-170.7598	-14.28972	8.473441	8	MID
12	tut_0012	518.8185	-1581.312	-170.8255	-14.30362	8.791161	8	MID
13	tut_0013	528.0093	-1579.782	-170.7403	-14.28970	13.142926	8	MID
14	tut_0014	525.4119	-1579.578	-170.7644	-14.28788	13.680810	8	MID
15	tut_0015	521.3160	-1579.986	-170.8024	-14.29161	16.507329	8	MID
16	tut_0016	528.7086	-1579.170	-170.7338	-14.28416	7.183627	8	MID
17	tut_0017	526.2111	-1588.758	-170.7569	-14.37088	12.639966	9	MID
18	tut_0018	525.7116	-1588.044	-170.7615	-14.36443	11.360858	10	MID
19	tut_0019	545.8914	-1580.904	-170.5745	-14.29961	15.987991	11	MID
20	tut_0020	546.4908	-1580.700	-170.5689	-14.29776	16.304614	11	MID
21	tut_0021	547.5897	-1580.190	-170.5588	-14.29313	11.231085	11	MID
22	tut_0022	546.7905	-1580.496	-170.5662	-14.29591	16.592200	11	MID
23	tut_0023	547.1901	-1580.394	-170.5625	-14.29498	14.520176	11	MID
24	tut_0024	548.6886	-1578.558	-170.5486	-14.27835	12.070861	12	MID
25	tut_0025	542.6946	-1576.008	-170.6042	-14.25539	8.688407	13	MID
26	tut_0026	547.3899	-1576.722	-170.5607	-14.26177	7.322808	13	MID
27	tut_0027	532.0053	-1576.314	-170.7033	-14.25830	8.645812	13	MID
28	tut_0028	546.8904	-1577.844	-170.5653	-14.27193	7.610661	13	MID
29	tut_0029	540.5967	-1575.192	-170.6237	-14.24805	11.788394	13	MID
30	tut_0030	542.4948	-1576.008	-170.6061	-14.25540	16.327303	13	MID
31	tut_0031	532.3050	-1575.702	-170.7005	-14.25277	9.753308	13	MID
32	tut_0032	536.7006	-1574.784	-170.6598	-14.24441	17.299979	13	MID
33	tut_0033	548.4888	-1578.456	-170.5505	-14.27743	6.831098	13	MID
34	tut_0034	540.2970	-1575.192	-170.6264	-14.24805	14.233628	13	MID
35	tut_0035	548.4888	-1578.354	-170.5505	-14.27651	9.846459	13	MID
36	tut_0036	531.7056	-1576.620	-170.7061	-14.26107	15.522415	13	MID
37	tut_0037	533.0043	-1582.944	-170.6940	-14.31824	9.263844	14	MID
38	tut_0038	533.7036	-1581.414	-170.6875	-14.30440	13.121199	14	MID
39	tut_0039	537.6996	-1582.740	-170.6504	-14.31633	14.712802	14	MID
40	tut_0040	532.3050	-1584.576	-170.7004	-14.33300	9.567290	14	MID
41	tut_0041	532.6047	-1583.556	-170.6977	-14.32378	17.105924	14	MID
42	tut_0042	540.7965	-1578.048	-170.6218	-14.27387	6.783005	14	MID
43	tut_0043	528.4089	-1587.636	-170.7365	-14.36071	15.825365	14	MID
44	tut_0044	530.2071	-1585.494	-170.7199	-14.34133	12.513736	14	MID
45	tut_0045	532.1052	-1584.780	-170.7023	-14.33485	12.266640	14	MID
46	tut_0046	543.1941	-1579.170	-170.5995	-14.28398	12.769118	14	MID
47	tut_0047	532.6047	-1583.760	-170.6976	-14.32562	10.168328	14	MID
48	tut_0048	542.8944	-1579.272	-170.6023	-14.28490	17.337137	14	MID
49	tut_0049	543.1941	-1579.374	-170.5995	-14.28582	15.225232	14	MID
50	tut_0050	545.2920	-1578.354	-170.5801	-14.27656	6.775485	14	MID
51	tut_0051	545.3919	-1578.456	-170.5792	-14.27748	12.870124	14	MID
52	tut_0052	542.2950	-1578.660	-170.6079	-14.27938	8.069526	14	MID
53	tut_0053	524.7126	-1587.942	-170.7708	-14.36352	11.115352	15	MID
54	tut_0054	522.0153	-1584.882	-170.7958	-14.33587	13.202837	15	MID
55	tut_0055	519.1182	-1584.474	-170.8227	-14.33220	6.660139	15	MID
56	tut_0056	517.4199	-1583.964	-170.8385	-14.32760	14.703536	15	MID
57	tut_0057	520.4169	-1584.372	-170.8107	-14.33127	15.003561	15	MID
58	tut_0058	518.9184	-1580.904	-170.8246	-14.29993	28.058049	16	DEEP
59	tut_0059	527.8095	-1579.476	-170.7422	-14.28694	28.982789	16	DEEP
60	tut_0060	528.0093	-1579.272	-170.7403	-14.28509	29.702823	16	DEEP
61	tut_0061	522.4149	-1579.782	-170.7922	-14.28976	26.389333	16	DEEP
62	tut_0062	519.9174	-1578.966	-170.8153	-14.28240	29.336601	16	DEEP
63	tut_0063	530.9064	-1576.722	-170.7135	-14.26201	19.097714	16	DEEP
64	tut_0064	525.4119	-1579.476	-170.7644	-14.28696	22.891720	16	DEEP
65	tut_0065	529.5078	-1578.660	-170.7264	-14.27954	29.153450	16	DEEP
66	tut_0066	520.3170	-1578.660	-170.8116	-14.27963	27.892052	16	DEEP
67	tut_0067	519.7176	-1578.762	-170.8172	-14.28055	29.064756	16	DEEP
68	tut_0068	528.4089	-1578.660	-170.7366	-14.27956	27.808251	16	DEEP
69	tut_0069	516.9204	-1582.944	-170.8431	-14.31838	19.177991	16	DEEP
70	tut_0070	526.8105	-1587.738	-170.7513	-14.36165	20.541671	17	DEEP
71	tut_0071	525.5118	-1588.656	-170.7634	-14.36996	26.525054	18	DEEP
72	tut_0072	548.8884	-1579.680	-170.5467	-14.28849	20.435752	19	DEEP
73	tut_0073	546.3909	-1581.108	-170.5699	-14.30145	26.539845	19	DEEP
74	tut_0074	545.6916	-1581.312	-170.5763	-14.30330	24.170715	19	DEEP
75	tut_0075	546.0912	-1581.108	-170.5726	-14.30145	18.856765	19	DEEP
76	tut_0076	549.6876	-1579.476	-170.5393	-14.28663	25.280832	19	DEEP
77	tut_0077	552.5847	-1578.456	-170.5125	-14.27736	28.493529	20	DEEP
78	tut_0078	550.1871	-1578.558	-170.5347	-14.27832	28.903078	20	DEEP
79	tut_0079	549.6876	-1579.170	-170.5393	-14.28387	23.572643	20	DEEP
80	tut_0080	549.8874	-1578.252	-170.5375	-14.27556	26.536392	20	DEEP
81	tut_0081	550.0872	-1578.558	-170.5356	-14.27833	26.763735	20	DEEP
82	tut_0082	549.2880	-1578.252	-170.5430	-14.27557	27.934933	20	DEEP
83	tut_0083	550.2870	-1578.660	-170.5338	-14.27924	28.849437	20	DEEP
84	tut_0084	535.4019	-1573.356	-170.6718	-14.23152	23.096189	21	DEEP
85	tut_0085	547.2900	-1577.232	-170.5616	-14.26639	19.463816	21	DEEP
86	tut_0086	546.9903	-1579.272	-170.5643	-14.28484	24.446477	21	DEEP
87	tut_0087	546.4908	-1574.784	-170.5690	-14.24427	28.624305	21	DEEP
88	tut_0088	544.5927	-1575.192	-170.5866	-14.24799	28.668155	21	DEEP
89	tut_0089	538.1991	-1572.642	-170.6459	-14.22503	28.923279	21	DEEP
90	tut_0090	538.8984	-1574.988	-170.6394	-14.24623	21.562514	21	DEEP
91	tut_0091	548.4888	-1578.048	-170.5505	-14.27374	26.134272	21	DEEP
92	tut_0092	547.2900	-1575.600	-170.5616	-14.25163	23.892056	21	DEEP
93	tut_0093	548.3889	-1578.048	-170.5514	-14.27375	25.169169	21	DEEP
94	tut_0094	537.4998	-1572.744	-170.6524	-14.22596	27.984813	21	DEEP
95	tut_0095	547.3899	-1577.436	-170.5607	-14.26823	19.211749	21	DEEP
96	tut_0096	544.4928	-1575.294	-170.5875	-14.24891	28.060832	21	DEEP
97	tut_0097	548.2890	-1578.150	-170.5523	-14.27467	18.922157	21	DEEP
98	tut_0098	547.7895	-1575.906	-170.5570	-14.25439	26.803374	21	DEEP
99	tut_0099	536.1012	-1579.986	-170.6653	-14.29146	21.645197	22	DEEP
100	tut_0100	530.5068	-1585.494	-170.7171	-14.34132	29.098333	22	DEEP
101	tut_0101	534.4029	-1581.414	-170.6810	-14.30439	22.376252	22	DEEP
102	tut_0102	538.2990	-1582.434	-170.6449	-14.31356	23.320019	22	DEEP
103	tut_0103	541.0962	-1580.700	-170.6190	-14.29784	27.140069	22	DEEP
104	tut_0104	540.6966	-1580.394	-170.6227	-14.29508	21.162510	22	DEEP
105	tut_0105	538.8984	-1579.578	-170.6393	-14.28773	21.096101	22	DEEP
106	tut_0106	535.6017	-1583.250	-170.6699	-14.32097	27.003700	22	DEEP
107	tut_0107	539.0982	-1580.700	-170.6375	-14.29787	26.513423	22	DEEP
108	tut_0108	530.4069	-1585.494	-170.7180	-14.34132	24.565547	22	DEEP
109	tut_0109	536.0013	-1579.578	-170.6662	-14.28777	23.072061	22	DEEP
110	tut_0110	529.4079	-1586.514	-170.7273	-14.35056	20.301856	22	DEEP
111	tut_0111	532.2051	-1584.882	-170.7013	-14.33577	21.332403	22	DEEP
112	tut_0112	539.2980	-1579.578	-170.6356	-14.28772	22.636330	22	DEEP
113	tut_0113	534.8025	-1581.108	-170.6773	-14.30162	18.798700	22	DEEP
114	tut_0114	538.6986	-1581.516	-170.6412	-14.30525	22.964081	22	DEEP
115	tut_0115	539.2980	-1579.986	-170.6356	-14.29141	22.257365	22	DEEP
116	tut_0116	543.2940	-1581.108	-170.5986	-14.30150	25.932740	22	DEEP
117	tut_0117	539.8974	-1579.578	-170.6301	-14.28771	27.760203	22	DEEP
118	tut_0118	533.0043	-1584.066	-170.6939	-14.32838	24.246314	22	DEEP
119	tut_0119	520.3170	-1584.576	-170.8116	-14.33312	24.173682	23	DEEP
120	tut_0120	517.1202	-1584.066	-170.8412	-14.32853	20.624049	23	DEEP
121	tut_0121	522.6147	-1586.106	-170.7903	-14.34693	21.757886	23	DEEP
122	tut_0122	524.1132	-					