

	id	x	y	longitude	latitude	depth	strat	depth_bin
1	tut_0001	519.1182	-1581.108	-170.8227	-14.30177	3.068038	1	SHAL
2	tut_0002	517.8195	-1582.536	-170.8348	-14.31469	2.736369	1	SHAL
3	tut_0003	525.8115	-1588.146	-170.7606	-14.36535	3.877036	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	546.0912	-1575.090	-170.5727	-14.24704	5.975347	5	SHAL
7	tut_0007	547.0902	-1575.192	-170.5635	-14.24794	5.530394	5	SHAL
8	tut_0008	539.1981	-1578.864	-170.6366	-14.28127	5.639595	6	SHAL
9	tut_0009	518.1192	-1583.862	-170.8320	-14.32668	3.874567	7	SHAL
10	tut_0010	517.4199	-1583.760	-170.8385	-14.32576	4.395640	7	SHAL
11	tut_0011	523.6137	-1579.782	-170.7811	-14.28975	9.515163	8	MID
12	tut_0012	518.1192	-1581.822	-170.8320	-14.30823	9.405890	8	MID
13	tut_0013	524.7126	-1579.884	-170.7709	-14.29066	8.310659	8	MID
14	tut_0014	517.6197	-1582.536	-170.8366	-14.31469	9.767057	8	MID
15	tut_0015	530.9064	-1576.824	-170.7135	-14.26293	16.953464	8	MID
16	tut_0016	523.4139	-1579.476	-170.7829	-14.28698	16.245225	8	MID
17	tut_0017	526.2111	-1588.860	-170.7569	-14.37180	17.615892	9	MID
18	tut_0018	525.1122	-1587.840	-170.7671	-14.36259	10.381567	10	MID
19	tut_0019	546.9903	-1580.598	-170.5643	-14.29683	15.761817	11	MID
20	tut_0020	545.6916	-1580.904	-170.5763	-14.29961	17.813029	11	MID
21	tut_0021	547.4898	-1580.598	-170.5597	-14.29682	17.811795	11	MID
22	tut_0022	548.2890	-1579.782	-170.5523	-14.28942	11.859111	11	MID
23	tut_0023	547.8894	-1580.190	-170.5560	-14.29312	14.323850	11	MID
24	tut_0024	548.9883	-1578.456	-170.5458	-14.27742	16.486831	12	MID
25	tut_0025	539.7975	-1575.396	-170.6311	-14.24990	16.288756	13	MID
26	tut_0026	538.1991	-1575.702	-170.6459	-14.25269	12.170913	13	MID
27	tut_0027	535.3020	-1574.070	-170.6728	-14.23797	11.930584	13	MID
28	tut_0028	546.7905	-1575.090	-170.5663	-14.24703	12.279736	13	MID
29	tut_0029	532.0053	-1576.110	-170.7033	-14.25646	12.311686	13	MID
30	tut_0030	547.1901	-1574.886	-170.5626	-14.24518	17.690839	13	MID
31	tut_0031	545.9913	-1574.988	-170.5737	-14.24612	11.321554	13	MID
32	tut_0032	535.6017	-1573.560	-170.6700	-14.23336	15.442719	13	MID
33	tut_0033	547.3899	-1576.110	-170.5607	-14.25624	7.457696	13	MID
34	tut_0034	533.3040	-1575.702	-170.6913	-14.25276	12.615342	13	MID
35	tut_0035	544.4928	-1576.212	-170.5875	-14.25721	6.514636	13	MID
36	tut_0036	548.4888	-1578.456	-170.5505	-14.27743	6.831098	13	MID
37	tut_0037	528.5088	-1587.330	-170.7356	-14.35795	12.131199	14	MID
38	tut_0038	543.8934	-1581.516	-170.5930	-14.30518	17.198005	14	MID
39	tut_0039	528.0093	-1588.146	-170.7402	-14.36533	12.858827	14	MID
40	tut_0040	534.9024	-1579.782	-170.6764	-14.28963	13.343157	14	MID
41	tut_0041	533.7036	-1581.414	-170.6875	-14.30440	13.121199	14	MID
42	tut_0042	532.0053	-1584.780	-170.7032	-14.33485	10.982864	14	MID
43	tut_0043	537.3000	-1582.842	-170.6541	-14.31726	13.062958	14	MID
44	tut_0044	538.1991	-1581.924	-170.6458	-14.30895	17.331998	14	MID
45	tut_0045	530.2071	-1586.004	-170.7199	-14.34594	15.527211	14	MID
46	tut_0046	542.2950	-1578.762	-170.6079	-14.28030	11.803759	14	MID
47	tut_0047	541.8954	-1577.844	-170.6116	-14.27201	10.076195	14	MID
48	tut_0048	532.6047	-1583.556	-170.6977	-14.32378	17.105924	14	MID
49	tut_0049	546.6906	-1578.048	-170.5671	-14.27377	12.191080	14	MID
50	tut_0050	538.1991	-1582.434	-170.6458	-14.31356	17.116567	14	MID
51	tut_0051	538.3989	-1582.230	-170.6439	-14.31171	16.454259	14	MID
52	tut_0052	532.2051	-1584.780	-170.7013	-14.33485	13.719193	14	MID
53	tut_0053	522.2151	-1585.086	-170.7940	-14.33771	16.401705	15	MID
54	tut_0054	516.6207	-1583.454	-170.8459	-14.32300	8.971108	15	MID
55	tut_0055	518.2191	-1584.168	-170.8310	-14.32944	6.399130	15	MID
56	tut_0056	522.7146	-1585.800	-170.7893	-14.34417	13.617970	15	MID
57	tut_0057	523.9134	-1587.840	-170.7782	-14.36260	14.221605	15	MID
58	tut_0058	520.0173	-1578.762	-170.8144	-14.28055	27.489093	16	DEEP
59	tut_0059	523.5138	-1579.476	-170.7820	-14.28698	24.458897	16	DEEP
60	tut_0060	527.2101	-1579.680	-170.7477	-14.28879	29.869066	16	DEEP
61	tut_0061	516.3210	-1583.250	-170.8487	-14.32115	28.050746	16	DEEP
62	tut_0062	516.8205	-1582.842	-170.8440	-14.31746	27.240246	16	DEEP
63	tut_0063	529.1082	-1578.660	-170.7301	-14.27955	29.659503	16	DEEP
64	tut_0064	523.7136	-1579.986	-170.7801	-14.29159	18.843064	16	DEEP
65	tut_0065	519.6177	-1580.802	-170.8181	-14.29900	28.882702	16	DEEP
66	tut_0066	517.4199	-1582.434	-170.8385	-14.31377	24.137864	16	DEEP
67	tut_0067	520.0173	-1580.598	-170.8144	-14.29715	28.435634	16	DEEP
68	tut_0068	528.1092	-1578.354	-170.7394	-14.27679	27.989700	16	DEEP
69	tut_0069	526.0113	-1579.578	-170.7588	-14.28788	22.316674	16	DEEP
70	tut_0070	527.0103	-1587.636	-170.7495	-14.36073	25.308364	17	DEEP
71	tut_0071	525.5118	-1588.350	-170.7634	-14.36720	22.463048	18	DEEP
72	tut_0072	549.7875	-1579.578	-170.5384	-14.28755	28.617565	19	DEEP
73	tut_0073	547.8894	-1580.496	-170.5560	-14.29589	27.908699	19	DEEP
74	tut_0074	546.4908	-1581.108	-170.5689	-14.30144	28.198140	19	DEEP
75	tut_0075	548.2890	-1580.292	-170.5523	-14.29404	25.263517	19	DEEP
76	tut_0076	547.0902	-1580.904	-170.5634	-14.29959	27.779275	19	DEEP
77	tut_0077	550.0872	-1578.762	-170.5356	-14.28017	24.320613	20	DEEP
78	tut_0078	549.5877	-1577.946	-170.5403	-14.27280	25.458946	20	DEEP
79	tut_0079	549.4878	-1578.252	-170.5412	-14.27557	27.699469	20	DEEP
80	tut_0080	549.4878	-1579.272	-170.5412	-14.28479	28.099053	20	DEEP
81	tut_0081	549.7875	-1578.150	-170.5384	-14.27464	25.772436	20	DEEP
82	tut_0082	549.3879	-1578.762	-170.5421	-14.28018	20.717542	20	DEEP
83	tut_0083	549.2880	-1579.272	-170.5430	-14.28480	23.776932	20	DEEP
84	tut_0084	540.6966	-1575.600	-170.6227	-14.25173	21.449819	21	DEEP
85	tut_0085	539.6976	-1575.192	-170.6320	-14.24806	24.541533	21	DEEP
86	tut_0086	535.3020	-1573.152	-170.6728	-14.22967	27.217933	21	DEEP
87	tut_0087	535.8015	-1574.784	-170.6681	-14.24442	22.780306	21	DEEP
88	tut_0088	546.9903	-1574.886	-170.5644	-14.24518	18.239010	21	DEEP
89	tut_0089	543.8934	-1576.008	-170.5931	-14.25538	27.396148	21	DEEP
90	tut_0090	547.2900	-1575.702	-170.5616	-14.25255	22.456158	21	DEEP
91	tut_0091	538.6986	-1575.498	-170.6413	-14.25084	18.884610	21	DEEP
92	tut_0092	542.9943	-1575.804	-170.6014	-14.25354	24.365104	21	DEEP
93	tut_0093	535.6017	-1573.152	-170.6700	-14.22967	26.841281	21	DEEP
94	tut_0094	543.7935	-1575.600	-170.5940	-14.25169	21.840158	21	DEEP
95	tut_0095	547.6896	-1576.824	-170.5579	-14.26269	27.017165	21	DEEP
96	tut_0096	547.5897	-1578.456	-170.5588	-14.27745	23.192646	21	DEEP
97	tut_0097	538.0992	-1575.294	-170.6468	-14.24901	29.152674	21	DEEP
98	tut_0098	532.2051	-1575.396	-170.7015	-14.25000	25.694999	21	DEEP
99	tut_0099	542.2950	-1579.374	-170.6079	-14.28583	28.918289	22	DEEP
100	tut_0100	532.9044	-1584.168	-170.6949	-14.32931	19.539073	22	DEEP
101	tut_0101	542.1951	-1578.762	-170.6088	-14.28030	25.531003	22	DEEP
102	tut_0102	538.5987	-1581.618	-170.6421	-14.30618	20.603539	22	DEEP
103	tut_0103	536.5008	-1582.740	-170.6615	-14.31635	29.746770	22	DEEP
104	tut_0104	538.1991	-1580.088	-170.6458	-14.29235	25.493216	22	DEEP
105	tut_0105	529.3080	-1586.616	-170.7282	-14.35148	19.992312	22	DEEP
106	tut_0106	544.9923	-1581.210	-170.5828	-14.30239	26.668719	22	DEEP
107	tut_0107	543.8934	-1581.312	-170.5930	-14.30333	21.902370	22	DEEP
108	tut_0108	536.8005	-1583.046	-170.6588	-14.31911	26.041919	22	DEEP
109	tut_0109	535.6017	-1583.556	-170.6699	-14.32374	20.712009	22	DEEP
110	tut_0110	538.7985	-1581.516	-170.6402	-14.30525	19.944389	22	DEEP
111	tut_0111	533.0043	-1584.066	-170.6939	-14.32838	24.246314	22	DEEP
112	tut_0112	536.0013	-1579.578	-170.6662	-14.28777	23.072061	22	DEEP
113	tut_0113	540.3969	-1580.190	-170.6254	-14.29324	24.921721	22	DEEP
114	tut_0114	540.8964	-1580.394	-170.6208	-14.29508	24.747514	22	DEEP
115	tut_0115	534.8025	-1579.680	-170.6773	-14.28870	22.876730	22	DEEP
116	tut_0116	539.2980	-1579.680	-170.6356	-14.28864	21.328527	22	DEEP
117	tut_0117	536.7006	-1581.822	-170.6597	-14.30805	24.593718	22	DEEP
118	tut_0118	535.2021	-1583.658	-170.6736	-14.32467	24.984317	22	DEEP
119	tut_0119	518.0193	-1584.372	-170.8329	-14.33129	28.818872	23	DEEP
120	tut_0120	516.3210	-1583.454	-170.8487	-14.32300	25.435865	23	DEEP
121	tut_0121	524.0133	-1588.962	-170.7773	-14.37274	29.178630	23	DEEP
122	tut_0122	518.41						