

	id	x	y	longitude	latitude	depth	strat	depth_bin
1	tut_0001	518.4189	-1581.822	8.326869	-75.81016	2.368179	1	SHAL
2	tut_0002	523.8135	-1580.190	8.128868	-75.82415	4.089259	1	SHAL
3	tut_0003	525.6117	-1587.840	8.067513	-75.75536	5.746875	2	SHAL
4	tut_0004	547.6896	-1579.884	7.255509	-75.82216	4.925491	3	SHAL
5	tut_0005	548.5887	-1578.660	7.221293	-75.83289	5.774637	4	SHAL
6	tut_0006	545.8914	-1575.090	7.316254	-75.86557	3.307044	5	SHAL
7	tut_0007	547.4898	-1576.416	7.259077	-75.85328	4.922583	5	SHAL
8	tut_0008	542.1951	-1577.742	7.454349	-75.84272	4.689253	6	SHAL
9	tut_0009	517.8195	-1583.862	8.349593	-75.79194	5.742240	7	SHAL
10	tut_0010	519.5178	-1584.474	8.287881	-75.78628	3.177257	7	SHAL
11	tut_0011	530.9064	-1577.028	7.867240	-75.85141	9.171928	8	MID
12	tut_0012	528.7086	-1579.170	7.949170	-75.83258	7.183627	8	MID
13	tut_0013	529.7076	-1579.374	7.912749	-75.83059	6.406237	8	MID
14	tut_0014	528.7086	-1578.966	7.949037	-75.83441	17.347076	8	MID
15	tut_0015	528.4089	-1579.272	7.960204	-75.83172	14.579838	8	MID
16	tut_0016	517.0203	-1583.046	8.378448	-75.79933	7.318427	8	MID
17	tut_0017	527.8095	-1588.146	7.987700	-75.75229	13.428434	9	MID
18	tut_0018	525.5118	-1587.840	8.071149	-75.75537	8.285503	10	MID
19	tut_0019	548.2890	-1579.986	7.233708	-75.82109	17.074017	11	MID
20	tut_0020	546.1911	-1580.904	7.311359	-75.81341	16.967531	11	MID
21	tut_0021	547.3899	-1580.598	7.267231	-75.81584	16.274973	11	MID
22	tut_0022	545.6916	-1581.210	7.329925	-75.81080	17.498646	11	MID
23	tut_0023	546.3909	-1580.802	7.303952	-75.81428	16.267064	11	MID
24	tut_0024	548.9883	-1578.456	7.206447	-75.83460	16.486831	12	MID
25	tut_0025	540.5967	-1575.090	7.510425	-75.86685	16.419873	13	MID
26	tut_0026	544.6926	-1575.498	7.360630	-75.86222	9.645507	13	MID
27	tut_0027	546.6906	-1574.988	7.286840	-75.86628	13.328708	13	MID
28	tut_0028	542.7945	-1575.804	7.430517	-75.85994	15.963283	13	MID
29	tut_0029	535.6017	-1574.580	7.693222	-75.87248	11.385484	13	MID
30	tut_0030	542.2950	-1575.906	7.448926	-75.85915	11.936884	13	MID
31	tut_0031	548.2890	-1578.354	7.231922	-75.83571	6.423403	13	MID
32	tut_0032	535.5018	-1573.356	7.695896	-75.88346	14.519272	13	MID
33	tut_0033	547.6896	-1576.008	7.251314	-75.85688	15.875892	13	MID
34	tut_0034	540.6966	-1575.192	7.506856	-75.86591	8.193835	13	MID
35	tut_0035	536.7006	-1575.396	7.653583	-75.86494	9.281604	13	MID
36	tut_0036	531.9054	-1576.518	7.830266	-75.85581	12.735158	13	MID
37	tut_0037	528.3090	-1587.840	7.969327	-75.75496	16.282277	14	MID
38	tut_0038	532.7046	-1583.964	7.806486	-75.78895	7.785942	14	MID
39	tut_0039	531.9054	-1584.882	7.836303	-75.78086	12.739063	14	MID
40	tut_0040	543.4938	-1581.414	7.410417	-75.80952	16.166619	14	MID
41	tut_0041	544.4928	-1578.660	7.371151	-75.83394	15.283809	14	MID
42	tut_0042	545.1921	-1578.354	7.345250	-75.83651	6.569020	14	MID
43	tut_0043	537.7995	-1582.740	7.619576	-75.79892	17.459808	14	MID
44	tut_0044	538.3989	-1582.128	7.597164	-75.80428	13.518741	14	MID
45	tut_0045	541.9953	-1577.844	7.461761	-75.84185	6.306204	14	MID
46	tut_0046	529.3080	-1586.514	7.932092	-75.76668	14.663109	14	MID
47	tut_0047	538.0992	-1582.434	7.608372	-75.80160	15.431545	14	MID
48	tut_0048	537.8994	-1582.536	7.615754	-75.80073	13.528165	14	MID
49	tut_0049	537.3000	-1580.190	7.635661	-75.82187	13.461002	14	MID
50	tut_0050	537.1002	-1580.190	7.642967	-75.82191	13.990946	14	MID
51	tut_0051	528.7086	-1587.432	7.954519	-75.75855	17.397867	14	MID
52	tut_0052	536.2011	-1583.148	7.678261	-75.79559	15.544849	14	MID
53	tut_0053	517.3200	-1584.066	8.367903	-75.79016	12.650187	15	MID
54	tut_0054	523.6137	-1587.534	8.140084	-75.75837	7.399871	15	MID
55	tut_0055	520.5168	-1584.066	8.251247	-75.78983	8.317219	15	MID
56	tut_0056	522.9144	-1587.024	8.165284	-75.76303	12.668290	15	MID
57	tut_0057	524.6127	-1588.044	8.103992	-75.75367	14.323741	15	MID
58	tut_0058	519.6177	-1580.802	8.282610	-75.81918	28.882702	16	DEEP
59	tut_0059	528.6087	-1578.252	7.952230	-75.84082	29.054529	16	DEEP
60	tut_0060	523.6137	-1579.476	8.135794	-75.83058	27.792314	16	DEEP
61	tut_0061	525.0123	-1579.374	8.084559	-75.83130	29.638210	16	DEEP
62	tut_0062	523.1142	-1579.476	8.154071	-75.83064	20.910131	16	DEEP
63	tut_0063	520.0173	-1579.170	8.267259	-75.83376	28.860680	16	DEEP
64	tut_0064	529.3080	-1578.762	7.926964	-75.83614	28.799325	16	DEEP
65	tut_0065	520.5168	-1578.966	8.248882	-75.83553	26.992357	16	DEEP
66	tut_0066	526.9104	-1579.884	8.015413	-75.82646	24.456717	16	DEEP
67	tut_0067	518.7186	-1581.108	8.315615	-75.81653	23.792358	16	DEEP
68	tut_0068	526.4109	-1579.680	8.033563	-75.82836	29.431706	16	DEEP
69	tut_0069	519.5178	-1578.864	8.285406	-75.83655	29.221683	16	DEEP
70	tut_0070	527.1102	-1587.738	8.012903	-75.75605	24.050321	17	DEEP
71	tut_0071	525.4119	-1588.350	8.075076	-75.75082	28.529084	18	DEEP
72	tut_0072	547.7895	-1580.496	7.252519	-75.81665	25.347076	19	DEEP
73	tut_0073	548.9883	-1579.578	7.207693	-75.82455	22.048771	19	DEEP
74	tut_0074	546.9903	-1580.904	7.282159	-75.81321	24.908536	19	DEEP
75	tut_0075	547.5897	-1580.700	7.260040	-75.81488	27.422546	19	DEEP
76	tut_0076	548.7885	-1579.986	7.215449	-75.82095	28.197464	19	DEEP
77	tut_0077	550.0872	-1579.170	7.167051	-75.82791	24.149070	20	DEEP
78	tut_0078	549.7875	-1578.966	7.177782	-75.82982	23.237519	20	DEEP
79	tut_0079	550.4868	-1578.966	7.152204	-75.82962	29.470633	20	DEEP
80	tut_0080	552.5847	-1578.150	7.074504	-75.83633	29.028331	20	DEEP
81	tut_0081	552.0852	-1578.660	7.093384	-75.83191	29.557649	20	DEEP
82	tut_0082	552.6846	-1578.456	7.071215	-75.83356	27.489176	20	DEEP
83	tut_0083	549.8874	-1579.374	7.174589	-75.82614	21.549715	20	DEEP
84	tut_0084	537.9993	-1572.846	7.603746	-75.88752	26.859421	21	DEEP
85	tut_0085	541.2960	-1575.804	7.485449	-75.86029	22.299244	21	DEEP
86	tut_0086	537.5997	-1575.294	7.620523	-75.86567	22.157814	21	DEEP
87	tut_0087	535.5018	-1574.988	7.697218	-75.86884	27.322598	21	DEEP
88	tut_0088	545.5917	-1574.886	7.327032	-75.86748	18.581686	21	DEEP
89	tut_0089	546.4908	-1574.886	7.294059	-75.86725	25.402829	21	DEEP
90	tut_0090	533.4039	-1575.090	7.774257	-75.86833	23.619160	21	DEEP
91	tut_0091	532.3050	-1575.498	7.814869	-75.86487	26.486686	21	DEEP
92	tut_0092	537.5997	-1575.498	7.620698	-75.86384	22.342897	21	DEEP
93	tut_0093	540.6966	-1575.600	7.507234	-75.86226	21.449819	21	DEEP
94	tut_0094	540.2970	-1575.906	7.522166	-75.85960	26.464777	21	DEEP
95	tut_0095	533.8035	-1574.988	7.759519	-75.86917	18.949239	21	DEEP
96	tut_0096	535.4019	-1573.662	7.699812	-75.88074	23.071550	21	DEEP
97	tut_0097	537.0003	-1575.396	7.642592	-75.86488	21.100283	21	DEEP
98	tut_0098	531.4059	-1576.518	7.848574	-75.85589	24.068182	21	DEEP
99	tut_0099	530.3070	-1585.698	7.895144	-75.77383	19.530434	22	DEEP
100	tut_0100	542.2950	-1578.456	7.451376	-75.83630	26.184201	22	DEEP
101	tut_0101	530.4069	-1585.800	7.891573	-75.77290	27.026361	22	DEEP
102	tut_0102	538.4988	-1582.230	7.593604	-75.80334	24.758639	22	DEEP
103	tut_0103	536.8005	-1582.740	7.656046	-75.79912	18.482720	22	DEEP
104	tut_0104	538.1991	-1581.822	7.604196	-75.80706	26.295101	22	DEEP
105	tut_0105	541.5957	-1580.802	7.479179	-75.81545	23.669411	22	DEEP
106	tut_0106	545.0922	-1581.108	7.351718	-75.81186	22.225130	22	DEEP
107	tut_0107	533.7036	-1581.720	7.768333	-75.80887	21.297858	22	DEEP
108	tut_0108	536.1012	-1583.046	7.681824	-75.79652	19.899350	22	DEEP
109	tut_0109	536.1012	-1579.986	7.679328	-75.82394	21.645197	22	DEEP
110	tut_0110	536.3010	-1583.148	7.674615	-75.79557	19.860774	22	DEEP
111	tut_0111	542.2950	-1578.252	7.451181	-75.83813	25.390009	22	DEEP
112	tut_0112	533.4039	-1583.862	7.780896	-75.78973	28.398593	22	DEEP
113	tut_0113	538.2990	-1580.700	7.599576	-75.81709	26.251987	22	DEEP
114	tut_0114	539.3979	-1580.598	7.559320	-75.81777	20.336997	22	DEEP
115	tut_0115	532.3050	-1584.882	7.821732	-75.78079	26.630369	22	DEEP
116	tut_0116	536.1012	-1583.250	7.681990	-75.79470	19.666025	22	DEEP
117	tut_0117	536.0013	-1579.782	7.682815	-75.82579	25.411121	22	DEEP
118	tut_0118	530.3070	-1585.902	7.895283	-75.77200	19.349704	22	DEEP
119	tut_0119	517.0203	-1583.862	8.378761	-75.79202	21.445191	23	DEEP
120	tut_0120	522.1152	-1585.188	8.193480	-75.77958	28.174124	23	DEEP
121	tut_0121	517.8195	-1583.964	8.349634	-75.79103	21.752215	23	DEEP
122	tut_0122	518.1192						