

	id	x	y	longitude	latitude	depth	strat	depth_bin
1	tut_0001	530.4069	-1577.640	7.885966	-75.84601	1.573061	1	SHAL
2	tut_0002	522.3150	-1580.088	8.183626	-75.82526	5.927236	1	SHAL
3	tut_0003	525.8115	-1588.146	8.060417	-75.75259	3.877036	2	SHAL
4	tut_0004	547.3899	-1579.578	7.266137	-75.82498	4.071588	3	SHAL
5	tut_0005	548.5887	-1578.660	7.221293	-75.83289	5.774637	4	SHAL
6	tut_0006	547.2900	-1576.722	7.266726	-75.85059	3.417751	5	SHAL
7	tut_0007	542.0952	-1576.008	7.456347	-75.85828	2.976846	5	SHAL
8	tut_0008	536.3010	-1579.986	7.672021	-75.82390	3.584854	6	SHAL
9	tut_0009	518.3190	-1584.168	8.331490	-75.78915	3.164739	7	SHAL
10	tut_0010	522.6147	-1585.188	8.175267	-75.77952	2.889908	7	SHAL
11	tut_0011	523.6137	-1579.578	8.135848	-75.82967	16.578408	8	MID
12	tut_0012	518.7186	-1581.210	8.315659	-75.81562	16.790722	8	MID
13	tut_0013	518.2191	-1581.720	8.334128	-75.81110	16.511062	8	MID
14	tut_0014	529.9074	-1579.272	7.905370	-75.83147	14.189917	8	MID
15	tut_0015	527.6097	-1579.884	7.989832	-75.82636	11.147561	8	MID
16	tut_0016	525.9114	-1579.782	8.051897	-75.82752	8.473441	8	MID
17	tut_0017	526.8105	-1587.636	8.023751	-75.75701	14.225591	9	MID
18	tut_0018	525.1122	-1587.840	8.085696	-75.75543	10.381567	10	MID
19	tut_0019	548.0892	-1580.088	7.241123	-75.82023	15.314531	11	MID
20	tut_0020	546.8904	-1580.598	7.285484	-75.81598	16.243520	11	MID
21	tut_0021	547.7895	-1580.190	7.252188	-75.81939	12.990742	11	MID
22	tut_0022	548.3889	-1579.884	7.229944	-75.82198	15.294416	11	MID
23	tut_0023	547.3899	-1580.598	7.267231	-75.81584	16.274973	11	MID
24	tut_0024	549.0882	-1578.660	7.203019	-75.83275	17.207479	12	MID
25	tut_0025	544.2930	-1576.314	7.376102	-75.85501	8.972835	13	MID
26	tut_0026	538.7985	-1575.294	7.576558	-75.86542	12.731995	13	MID
27	tut_0027	541.7955	-1575.600	7.466944	-75.86200	11.421889	13	MID
28	tut_0028	534.4029	-1574.682	7.737290	-75.87180	16.361265	13	MID
29	tut_0029	541.9953	-1575.804	7.459814	-75.86013	10.828267	13	MID
30	tut_0030	548.4888	-1578.150	7.224387	-75.83748	16.915853	13	MID
31	tut_0031	534.6027	-1574.478	7.729798	-75.87359	13.609344	13	MID
32	tut_0032	535.2021	-1574.172	7.707557	-75.87621	11.871734	13	MID
33	tut_0033	535.7016	-1573.968	7.689058	-75.87794	17.900551	13	MID
34	tut_0034	534.8025	-1574.580	7.722547	-75.87263	8.372516	13	MID
35	tut_0035	535.6017	-1573.764	7.692559	-75.87979	9.428393	13	MID
36	tut_0036	538.9983	-1575.192	7.569140	-75.86629	17.853034	13	MID
37	tut_0037	536.7006	-1582.944	7.659862	-75.79732	13.760414	14	MID
38	tut_0038	532.9044	-1583.862	7.799121	-75.78982	11.967943	14	MID
39	tut_0039	528.1092	-1588.248	7.976857	-75.75133	15.824847	14	MID
40	tut_0040	535.0023	-1580.088	7.719596	-75.82324	13.283504	14	MID
41	tut_0041	538.9983	-1579.272	7.572755	-75.82973	8.522715	14	MID
42	tut_0042	536.7006	-1580.088	7.657493	-75.82291	6.969577	14	MID
43	tut_0043	539.5977	-1579.068	7.550645	-75.83143	16.250823	14	MID
44	tut_0044	542.2950	-1578.558	7.451474	-75.83539	14.703606	14	MID
45	tut_0045	543.5937	-1581.618	7.406968	-75.80766	17.039396	14	MID
46	tut_0046	545.3919	-1581.210	7.340874	-75.81088	16.088908	14	MID
47	tut_0047	544.1931	-1578.762	7.382219	-75.83310	10.321285	14	MID
48	tut_0048	533.9034	-1581.516	7.760877	-75.81066	17.785416	14	MID
49	tut_0049	532.1052	-1584.678	7.828870	-75.78266	9.150350	14	MID
50	tut_0050	546.6906	-1577.946	7.289980	-75.83978	6.943050	14	MID
51	tut_0051	536.9004	-1580.190	7.650272	-75.82195	13.141766	14	MID
52	tut_0052	532.6047	-1584.372	7.810430	-75.78531	11.405115	14	MID
53	tut_0053	519.9174	-1584.576	8.273349	-75.78532	10.118594	15	MID
54	tut_0054	520.5168	-1584.168	8.251294	-75.78891	11.305261	15	MID
55	tut_0055	521.3160	-1584.780	8.222427	-75.78334	11.771032	15	MID
56	tut_0056	516.9204	-1583.658	8.382330	-75.79386	12.400207	15	MID
57	tut_0057	521.4159	-1584.678	8.218734	-75.78424	7.038285	15	MID
58	tut_0058	528.2091	-1579.272	7.967515	-75.83175	26.920471	16	DEEP
59	tut_0059	519.8175	-1580.904	8.275350	-75.81824	18.749546	16	DEEP
60	tut_0060	524.7126	-1579.680	8.095697	-75.82860	29.263779	16	DEEP
61	tut_0061	528.6087	-1578.456	7.952363	-75.83900	29.155920	16	DEEP
62	tut_0062	529.4079	-1578.660	7.923239	-75.83704	29.483702	16	DEEP
63	tut_0063	516.5208	-1582.944	8.396650	-75.80029	29.560877	16	DEEP
64	tut_0064	529.6077	-1578.660	7.915925	-75.83701	28.800275	16	DEEP
65	tut_0065	528.1092	-1579.170	7.971106	-75.83268	29.947867	16	DEEP
66	tut_0066	520.2171	-1580.598	8.260600	-75.82094	23.508550	16	DEEP
67	tut_0067	527.7096	-1579.578	7.985986	-75.82908	27.393871	16	DEEP
68	tut_0068	528.1092	-1578.660	7.970781	-75.83725	28.697340	16	DEEP
69	tut_0069	528.0093	-1578.252	7.974178	-75.84092	29.011445	16	DEEP
70	tut_0070	526.4109	-1588.656	8.038903	-75.74793	19.694748	17	DEEP
71	tut_0071	525.6117	-1588.656	8.067981	-75.74805	20.173231	18	DEEP
72	tut_0072	549.6876	-1579.578	7.182124	-75.82436	28.326699	19	DEEP
73	tut_0073	549.5877	-1579.476	7.185663	-75.82530	27.227828	19	DEEP
74	tut_0074	550.0872	-1579.476	7.167399	-75.82517	28.657826	19	DEEP
75	tut_0075	546.2910	-1580.802	7.307602	-75.81430	19.013458	19	DEEP
76	tut_0076	549.8874	-1579.578	7.174819	-75.82431	29.052116	19	DEEP
77	tut_0077	550.0872	-1578.864	7.166704	-75.83065	24.257958	20	DEEP
78	tut_0078	550.1871	-1578.762	7.162934	-75.83153	26.313837	20	DEEP
79	tut_0079	549.2880	-1579.170	7.196279	-75.82813	21.847312	20	DEEP
80	tut_0080	549.3879	-1578.864	7.192283	-75.83084	20.838611	20	DEEP
81	tut_0081	549.5877	-1578.150	7.184172	-75.83718	26.235005	20	DEEP
82	tut_0082	549.4878	-1578.456	7.188171	-75.83447	24.702457	20	DEEP
83	tut_0083	549.1881	-1578.762	7.199478	-75.83181	18.135938	20	DEEP
84	tut_0084	547.7895	-1575.906	7.247543	-75.85777	26.803374	21	DEEP
85	tut_0085	537.9993	-1572.846	7.603746	-75.88752	26.859421	21	DEEP
86	tut_0086	544.1931	-1575.906	7.379353	-75.85869	27.373720	21	DEEP
87	tut_0087	547.5897	-1577.538	7.256630	-75.84320	29.033542	21	DEEP
88	tut_0088	547.6896	-1576.722	7.252089	-75.85049	19.281953	21	DEEP
89	tut_0089	534.5028	-1574.376	7.733384	-75.87452	26.855812	21	DEEP
90	tut_0090	545.2920	-1574.988	7.338129	-75.86664	23.364578	21	DEEP
91	tut_0091	548.2890	-1578.150	7.231699	-75.83753	18.922157	21	DEEP
92	tut_0092	547.4898	-1577.640	7.260398	-75.84232	29.179297	21	DEEP
93	tut_0093	540.4968	-1574.988	7.513995	-75.86778	29.701893	21	DEEP
94	tut_0094	532.0053	-1576.008	7.826233	-75.86036	18.918273	21	DEEP
95	tut_0095	538.3989	-1575.192	7.591124	-75.86642	27.296451	21	DEEP
96	tut_0096	547.2900	-1577.742	7.267822	-75.84145	27.465002	21	DEEP
97	tut_0097	544.3929	-1575.294	7.371411	-75.86412	28.579690	21	DEEP
98	tut_0098	535.7016	-1574.274	7.689307	-75.87520	19.850528	21	DEEP
99	tut_0099	538.3989	-1582.332	7.597341	-75.80245	24.990617	22	DEEP
100	tut_0100	544.0932	-1581.516	7.388623	-75.80846	22.958424	22	DEEP
101	tut_0101	538.4988	-1582.230	7.593604	-75.80334	24.758639	22	DEEP
102	tut_0102	544.9923	-1578.762	7.352979	-75.83291	27.294746	22	DEEP
103	tut_0103	540.8964	-1580.292	7.504264	-75.82018	18.578268	22	DEEP
104	tut_0104	545.1921	-1578.558	7.345460	-75.83468	24.689390	22	DEEP
105	tut_0105	530.7066	-1585.188	7.880228	-75.77833	19.488939	22	DEEP
106	tut_0106	545.1921	-1581.312	7.348277	-75.81001	22.745809	22	DEEP
107	tut_0107	528.5088	-1587.636	7.961924	-75.75675	21.586517	22	DEEP
108	tut_0108	544.9923	-1581.210	7.355472	-75.81098	26.668719	22	DEEP
109	tut_0109	540.7965	-1580.190	7.507822	-75.82111	26.520373	22	DEEP
110	tut_0110	543.8934	-1581.720	7.396123	-75.80668	25.775796	22	DEEP
111	tut_0111	537.6996	-1582.842	7.623309	-75.79803	22.232491	22	DEEP
112	tut_0112	538.4988	-1581.618	7.593072	-75.80882	26.423067	22	DEEP
113	tut_0113	541.1961	-1580.700	7.493688	-75.81645	24.479208	22	DEEP
114	tut_0114	540.0972	-1580.394	7.533574	-75.81944	22.697014	22	DEEP
115	tut_0115	535.1022	-1579.578	7.715537	-75.82779	22.955055	22	DEEP
116	tut_0116	544.0932	-1581.414	7.388521	-75.80937	22.982913	22	DEEP
117	tut_0117	528.6087	-1587.738	7.958353	-75.75582	29.069807	22	DEEP
118	tut_0118	534.1032	-1583.760	7.755304	-75.79052	29.479375	22	DEEP
119	tut_0119	524.3130	-1588.248	8.115011	-75.75188	22.515538	23	DEEP
120	tut_0120	519.3180	-1584.576	8.295214	-75.78539	21.782069	23	DEEP
121	tut_0121	524.4129	-1588.962	8.111766	-75.74547	27.057333	23	DEEP
122	tut_0122	520.41						