Thermistor-String Moorings README file.
Inner Shelf Dynamics ONR DRI pilot study 2015.

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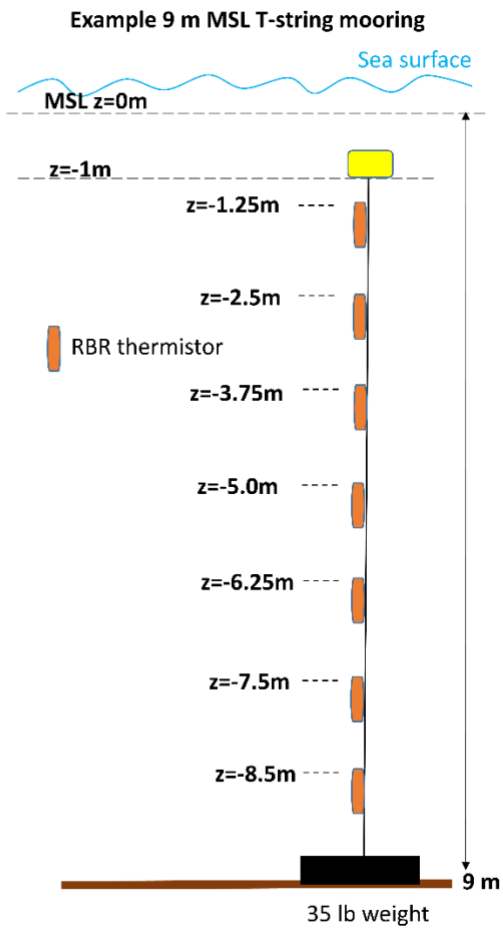
Instrumentation: RBR SoloT thermistor
Sample interval: 1 s
Deployment date/time: 9 June 2015 14:24:00
Recovery date/time: 22 July 2015 12:00:00

Note: All moorings have same instrumentation, sample interval, and deploy/recover times.

Each mooring contains a Matlab file with the following list of variables.
elev - elevation of each thermistor from MSL (z=0) (meters)
header - description of xy_pos, utm_pos, and UTM zone
ll_pos - [latitude, longitude]
mab - meters above bottom for each thermistor
T - temperature observations (deg C)
utm_pos - UTM reference position, (x0,y0) = (7.134042314671809e+05,3.867067752530194e+06),
(UTM zone: 10 S)
wdepth - water depth (meter)
xy_pos - local coordinate position relative to UTM reference position (x0,y0)
yd - yearday of observations (local time)
yd_gmt - yearday of observations (GMT time)

Mooring Name	Mooring location Lat/Lon location	Mooring Depth (m)	Thermistor height above bottom mab
PS01	34.8974 -120.6687	14	13.5 12 10.5 9 7 5 3 1
PS02	34.8978 -120.6738	19	18.5 16.5 14.5 12 10 7 4 1
PS03	34.9006 -120.6756	19	18.5 16.5 14.5 12 10 7 4 1
PSB01	34.8818 -120.6506	19	18.5 16.5 14.5 12 10 7 4 1
PSB02	34.8976 -120.6483	10	9.5 8.5 7.5 6.5 5.5 4 2.5 1
X01	34.9240 -120.6658	5	4.5 3.5 2.5 1.5 0.5
X02	34.9238 -120.6665	7	6.5 5.5 4.5 3.5 2.5 1.5 0.5
X03	34.9240 -120.6671	9	8.5 7.5 6.5 5.5 4.5 3.5 2.5 1
X04	34.9244 -120.6695	11	10.5 9.5 8.5 7.5 6.5 5.5 4 2.5 1
X05	34.9243 -120.6702	12	11.5 10.5 9.5 8.5 7.5 6 4 2.5 1
X06	34.9247 -120.6737	15	14.5 13.5 12.5 11.5 10 8.5 7 5 1
X07	34.9250 -120.6754	17	16.5 13.5 11.5 9.5 7.5 5.5 3.5 1
X08	34.9253 -120.6771	20	19.5 17 14 11 8 5 3 1
X09	34.9265 -120.6875	15	14.5 13 11.5 10 8 6 3.5 1
Yi01	34.9060 -120.6717	7	6.5 6 5.5 5 4.5 3.5 3 2.5 2 1.5 1
Yi02	34.9080 -120.6709	7	6.5 6 5.5 5 4.5 3.5 3 2.5 2 1.5 1
Yi03	34.9108 -120.6703	7	6.5 6 5.5 5 4.5 4 3.5 3 2.5 2 1.5 1
Yi04	34.9147 -120.6690	7	6.5 6 5.5 5 4.5 4 3.5 3 2.5 2 1.5 1
Yi05	34.9198 -120.6668	7	6.5 6 5.5 5 4.5 4 3.5 3 2.5 2 1.5 1
Yi06	34.9246 -120.6663	7	6.5 6 5.5 5 4.5 4 3.5 3 2.5 2 1.5 1
Yi07	34.9270 -120.6666	7	6.5 6 5.5 5 4.5 4 3.5 3 2.5 2 1.5 1

Yi09	34.9335	-120.6662	7	6.5 6 5.5 5 4.5 4 3.5 3 2.5 2 1.5 1
Yi10	34.9377	-120.6637	7	6.5 6 5.5 5 4.5 4 3.5 3 2.5 2 1.5 1
Yo01	34.9093	-120.6757	16	15.5 13.5 11.5 9.5 7.5 5 3 1
Yo02	34.9191	-120.6716	13	12.5 11.5 10 8.5 7 5 3 1
Yo03	34.9270	-120.6695	11	10.5 9.5 8.5 7.5 6.5 5 3 1
Yo04	34.9310	-120.6726	17	16.5 15.5 13.5 11.5 9.5 7.5 4 1
Yo05	34.9389	-120.6659	12	11.5 10 8.5 7 5.5 4 2.5 1