

The background of the header section is a photograph of a vast ocean with white-capped waves under a clear blue sky. The image is split horizontally, with the top half showing the surface of the water and the bottom half showing a darker, more turbulent section.

Challenging wind and waves

Linking hydrodynamic research to the maritime industry

NAUTICAL AND RISK STUDIES FOR THE DELIMARA LNG TERMINAL IN MARSAXLOKK PORT, MALTA

Item 3: Moored ship response study

Volume II

DATA Report

Report No. 27689-3-P0

Description Statistics of simulation runs for A02

Statistics of simulation runs for A03

Extreme touchdown catenary shapes of runs for A04

Date July 22, 2015

Reported by: Henri van der Heiden and Johan Dekker

Statistics of simulation runs for A02

loaded_60degN_RP1yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.68531	0.0890497	3.43492	3.93058
yCOG_FSRU	m	0.0317733	0.0260086	-0.0395064	0.100971
zCOG_FSRU	m	9.20104	0.0214442	9.12467	9.27386
xREF_FSRU	m	0.196073	0.0889444	-0.0471779	0.436793
yREF_FSRU	m	0.0429974	0.0635011	-0.129136	0.21303
zREF_FSRU	m	-10.7989	0.0202957	-10.8712	-10.7304
ROLL_FSRU	rad	0.000726409	0.00239576	-0.00708714	0.00832091
PITCH_FSRU	rad	1.18991E-05	0.00046125	-0.00163929	0.00156753
YAW_FSRU	rad	0.000947004	0.000344855	-2.74116E-05	0.00202227
distManExc	m	0.200974	0.078608	0.0351127	0.431246
xManExc	m	-0.178532	0.0891353	-0.425794	0.0786844
yManExc	m	-0.0494039	0.0320826	-0.141635	0.0453665
zManExc	m	-0.0144104	0.0554356	-0.207754	0.196824
WaveHeight-COG	m	5.19746E-06	0.174692	-0.703376	0.687615
windSpeed	m/s	14.996	1.66734	10.4127	19.5844
FJettyLine1	N	113504	11103.2	81926.1	142483
FJettyLine2	N	112379	11424.2	80050.3	142190
FJettyLine3	N	110410	9347.64	81643.6	138023
FJettyLine4	N	125175	6564.41	104979	144849
FJettyLine5	N	123730	6328.62	103509	143803
FJettyLine6	N	146531	9610.23	118411	171672
FJettyLine7	N	175323	15068	132266	219128
FJettyLine8	N	175282	15062.2	132238	219103
FJettyLine9	N	119531	16142.3	72972.1	165174
FJettyLine10	N	120597	15572.3	75580.8	164674
FJettyLine11	N	137839	13426.5	92100.2	179966
FJettyLine12	N	153694	14292.4	109492	200285
FJettyLine13	N	152956	13140.6	112091	195873
FJettyLine14	N	173489	13495.3	134782	219357
FJettyLine15	N	184601	14642.9	143623	234006
FJettyLine16	N	184601	14642.9	143623	234006
FJettyFend1	N	118664	105447	0	433010
FJettyFend2	N	183093	105804	0	444744
FJettyFend3	N	380688	73948.7	177686	601192

ballasted_60degN_RP1yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.26364	0.04801	4.12311	4.41696
yCOG_FSRU	m	0.0354836	0.0287537	-0.0480148	0.111843
zCOG_FSRU	m	3.75417	0.0204767	3.68194	3.82225
xREF_FSRU	m	0.196527	0.0480296	0.0473675	0.349265
yREF_FSRU	m	0.029294	0.0352328	-0.08608	0.149817
zREF_FSRU	m	-9.34578	0.0189913	-9.413	-9.2834
ROLL_FSRU	rad	-0.000180191	0.00129494	-0.00441334	0.00385022
PITCH_FSRU	rad	9.32565E-06	0.000479418	-0.00174244	0.00165587
YAW_FSRU	rad	0.000941519	0.000397642	-0.000201959	0.00215737
distManExc	m	0.196402	0.0458697	0.0453204	0.400824
xManExc	m	-0.178999	0.0495126	-0.372019	-0.0190181
yManExc	m	-0.0638603	0.0318293	-0.166168	0.0458268
zManExc	m	-0.000501819	0.0330746	-0.117091	0.118532
WaveHeight-COG	m	0.000005608	0.174689	-0.705211	0.676017
windSpeed	m/s	14.996	1.66734	10.4127	19.5844
FJettyLine1	N	113564	6708.16	89694.9	136299
FJettyLine2	N	112451	6916.94	87857.1	135908
FJettyLine3	N	110577	7381.64	81620.7	136514
FJettyLine4	N	125415	7412.54	101808	148159
FJettyLine5	N	124005	7201.34	100133	146450
FJettyLine6	N	146818	7313.91	119623	174421
FJettyLine7	N	175585	8407.45	147220	208062
FJettyLine8	N	175551	8406.24	147195	208009
FJettyLine9	N	119675	8974.33	82756.8	152321
FJettyLine10	N	120722	8656.06	85104.7	152143
FJettyLine11	N	138114	10252.6	96772.4	179435
FJettyLine12	N	154133	13322.5	109396	200989
FJettyLine13	N	153342	12231.2	111988	196434
FJettyLine14	N	173807	12925.3	134919	216682
FJettyLine15	N	184768	10518.4	146110	225642
FJettyLine16	N	184768	10518.4	146110	225642
FJettyFend1	N	120586	103430	0	464537
FJettyFend2	N	185512	99208.9	0	462193
FJettyFend3	N	380732	65901.6	182447	586057

loaded_60degN_RP5yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.72087	0.159939	3.30626	4.1364
yCOG_FSRU	m	-0.036813	0.0924675	-0.353799	0.196723
zCOG_FSRU	m	9.20116	0.0335245	9.08529	9.30868
xREF_FSRU	m	0.231602	0.159642	-0.187776	0.649987
yREF_FSRU	m	-0.0462594	0.154004	-0.522046	0.435912
zREF_FSRU	m	-10.7984	0.0317418	-10.908	-10.6957
ROLL_FSRU	rad	-0.000217613	0.006519	-0.0232906	0.0216925
PITCH_FSRU	rad	1.47011E-05	0.000712452	-0.00253659	0.00250763
YAW_FSRU	rad	0.00146013	0.000853552	-0.000943959	0.00399802
distManExc	m	0.288981	0.124938	0.00389721	0.661245
xManExc	m	-0.204381	0.158189	-0.599385	0.225032
yManExc	m	-0.00502878	0.121166	-0.352164	0.337155
zManExc	m	0.00359498	0.132683	-0.447865	0.532683
WaveHeight-COG	m	-5.32232E-05	0.249611	-1.00408	0.991984
windSpeed	m/s	18.2957	2.00072	12.6907	23.9134
FJettyLine1	N	108935	21642.6	39159.5	164537
FJettyLine2	N	107708	22219.1	36554.9	164971
FJettyLine3	N	107563	22407.6	40095.6	172834
FJettyLine4	N	126441	21704.7	67908.1	199943
FJettyLine5	N	125064	21311.9	68904.1	196785
FJettyLine6	N	150526	22913.5	79077.1	221205
FJettyLine7	N	181064	28273.9	105266	258248
FJettyLine8	N	181043	28272.6	105299	258261
FJettyLine9	N	118435	28419.9	38490.3	201185
FJettyLine10	N	119381	27508.5	41673.1	198899
FJettyLine11	N	150819	24402.3	72720	230975
FJettyLine12	N	177545	31390.7	77583.5	285447
FJettyLine13	N	174511	28516.5	83325.4	272134
FJettyLine14	N	200538	34515.9	107706	343502
FJettyLine15	N	206257	33876.8	123098	335581
FJettyLine16	N	206257	33876.8	123098	335581
FJettyFend1	N	51716.6	107522	0	786642
FJettyFend2	N	86055.9	126871	0	705922
FJettyFend3	N	268523	210834	0	927065

ballasted_60degN_RP5yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.30117	0.100657	3.94808	4.6418
yCOG_FSRU	m	-0.0417563	0.0937857	-0.265602	0.170013
zCOG_FSRU	m	3.75427	0.0315214	3.6471	3.86038
xREF_FSRU	m	0.234029	0.10062	-0.118505	0.567341
yREF_FSRU	m	-0.0530119	0.0993391	-0.333619	0.196542
zREF_FSRU	m	-9.34565	0.0292211	-9.44425	-9.24924
ROLL_FSRU	rad	-0.00039369	0.00226157	-0.00826045	0.00785322
PITCH_FSRU	rad	1.15605E-05	0.000747806	-0.00265416	0.00264185
YAW_FSRU	rad	0.00149951	0.00083537	-0.000772069	0.00406159
distManExc	m	0.238517	0.0907161	0.010003	0.59742
xManExc	m	-0.205979	0.1028	-0.589464	0.125523
yManExc	m	-0.00533293	0.0957933	-0.313937	0.313916
zManExc	m	0.00353447	0.0539199	-0.194558	0.193477
WaveHeight-COG	m	-4.44802E-05	0.249611	-1.00524	0.976828
windSpeed	m/s	18.2957	2.00072	12.6907	23.9134
FJettyLine1	N	108719	15488	60648	162392
FJettyLine2	N	107455	15942.2	58219.6	162734
FJettyLine3	N	107274	18611.5	42768.3	172431
FJettyLine4	N	126217	18932.2	68811.7	187579
FJettyLine5	N	124811	18662.4	67202.8	186585
FJettyLine6	N	150526	17128.2	89215.1	214922
FJettyLine7	N	180899	17974.6	121190	257926
FJettyLine8	N	180879	17971.3	121160	257908
FJettyLine9	N	118535	19467	40014.5	180101
FJettyLine10	N	119498	18778.9	43008.3	178903
FJettyLine11	N	151629	23781.6	73772.8	233952
FJettyLine12	N	179208	32620.2	100856	279945
FJettyLine13	N	175996	29687.4	104012	268837
FJettyLine14	N	202318	32065.9	123605	295245
FJettyLine15	N	207251	24924.5	130173	304611
FJettyLine16	N	207251	24924.5	130173	304611
FJettyFend1	N	63130.7	112231	0	508217
FJettyFend2	N	91774.3	134096	0	534894
FJettyFend3	N	258091	197690	0	921886

loaded_60degN_RP10yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.73629	0.188515	3.12038	4.31746
yCOG_FSRU	m	-0.0818183	0.121149	-0.506477	0.225999
zCOG_FSRU	m	9.20125	0.037459	9.07255	9.32108
xREF_FSRU	m	0.247051	0.188118	-0.376902	0.829527
yREF_FSRU	m	-0.0987886	0.220511	-0.723167	0.409605
zREF_FSRU	m	-10.7978	0.0354772	-10.9192	-10.6801
ROLL_FSRU	rad	-0.000551981	0.00959495	-0.0282819	0.0240099
PITCH_FSRU	rad	1.59541E-05	0.00079513	-0.00281562	0.00281734
YAW_FSRU	rad	0.00170005	0.00081414	-0.000439377	0.00460587
distManExc	m	0.35057	0.152932	0.00557627	0.950797
xManExc	m	-0.215245	0.186114	-0.773298	0.388069
yManExc	m	0.030164	0.168492	-0.49472	0.589652
zManExc	m	0.0101365	0.189517	-0.529345	0.590959
WaveHeight-COG	m	-0.00013362	0.2749	-1.10076	1.0882
windSpeed	m/s	19.4956	2.11955	13.5257	25.4828
FJettyLine1	N	107979	23925.4	33154.4	184516
FJettyLine2	N	106739	24536	30563.3	185514
FJettyLine3	N	108331	23088.6	41433.1	190135
FJettyLine4	N	129181	22850	62255.7	224331
FJettyLine5	N	127872	22389.8	61709.8	222244
FJettyLine6	N	153991	26520.7	74033.9	257363
FJettyLine7	N	184089	33796.1	80416.6	295064
FJettyLine8	N	184082	33797.3	80542.8	295150
FJettyLine9	N	118534	33396.3	12703.4	234676
FJettyLine10	N	119377	32344.5	16366	230671
FJettyLine11	N	158556	28581.6	56465.3	263292
FJettyLine12	N	191625	38446	89226.1	327020
FJettyLine13	N	187221	34795.9	93398.2	305152
FJettyLine14	N	215876	42364	119088	393093
FJettyLine15	N	217952	41485.2	116002	381156
FJettyLine16	N	217952	41485.2	116002	381156
FJettyFend1	N	36291.8	91173.8	0	603164
FJettyFend2	N	62489.6	117804	0	698268
FJettyFend3	N	218787	216166	0	1033390

ballasted_60degN_RP10yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.31777	0.12495	3.90207	4.7448
yCOG_FSRU	m	-0.0986962	0.146386	-0.56208	0.248777
zCOG_FSRU	m	3.75435	0.0351342	3.63528	3.87337
xREF_FSRU	m	0.25063	0.124876	-0.163788	0.669837
yREF_FSRU	m	-0.111962	0.14965	-0.656286	0.25179
zREF_FSRU	m	-9.34555	0.0325667	-9.45467	-9.2372
ROLL_FSRU	rad	-0.000476082	0.00252716	-0.00873293	0.00794238
PITCH_FSRU	rad	1.25067E-05	0.000836042	-0.00296162	0.00298792
YAW_FSRU	rad	0.00172836	0.0008638	-0.000866123	0.00465449
distManExc	m	0.281658	0.113141	0.00617563	0.729818
xManExc	m	-0.218262	0.127284	-0.719426	0.218283
yManExc	m	0.044025	0.150429	-0.349445	0.589476
zManExc	m	0.00504554	0.0608308	-0.225797	0.220588
WaveHeight-COG	m	-0.000126038	0.274899	-1.10486	1.07816
windSpeed	m/s	19.4956	2.11955	13.5257	25.4828
FJettyLine1	N	108530	20167.7	40342.2	180096
FJettyLine2	N	107282	20735	37657.1	181119
FJettyLine3	N	109397	25747.1	26707.4	205986
FJettyLine4	N	130889	27315.1	55675	233893
FJettyLine5	N	129484	27143.4	52979.2	230948
FJettyLine6	N	155607	24054.3	76305.2	246929
FJettyLine7	N	184325	22766	102962	285385
FJettyLine8	N	184320	22766.6	102938	285388
FJettyLine9	N	118544	24201.1	15908.3	198963
FJettyLine10	N	119412	23363.2	19318.3	196997
FJettyLine11	N	160021	29227.5	53050.1	244024
FJettyLine12	N	194693	40693.6	87622.4	325356
FJettyLine13	N	189999	37006.1	91072.9	304457
FJettyLine14	N	219063	39506.5	126893	355142
FJettyLine15	N	219854	30506.4	122362	331432
FJettyLine16	N	219854	30506.4	122362	331432
FJettyFend1	N	47613	109209	0	645820
FJettyFend2	N	74544	140844	0	772470
FJettyFend3	N	216389	248587	0	1104140

loaded_60degN_RP25yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.75744	0.224905	3.10089	4.37725
yCOG_FSRU	m	-0.196401	0.230696	-0.842242	0.324497
zCOG_FSRU	m	9.20138	0.0419425	9.06052	9.33793
xREF_FSRU	m	0.268178	0.224357	-0.375418	0.90605
yREF_FSRU	m	-0.219956	0.281529	-0.94558	0.521201
zREF_FSRU	m	-10.7974	0.0397564	-10.9301	-10.6675
ROLL_FSRU	rad	-0.000829018	0.0106615	-0.0290461	0.0297571
PITCH_FSRU	rad	1.94446E-05	0.000896242	-0.00313952	0.00322166
YAW_FSRU	rad	0.00199953	0.00107913	-0.00173932	0.00526366
distManExc	m	0.446161	0.214291	0.00962772	1.18902
xManExc	m	-0.230717	0.222113	-0.856963	0.425291
yManExc	m	0.133697	0.282746	-0.582296	0.946396
zManExc	m	0.0154595	0.210609	-0.616877	0.639336
WaveHeight-COG	m	-0.000057554	0.300186	-1.20209	1.19397
windSpeed	m/s	20.9955	2.26633	14.5627	27.4384
FJettyLine1	N	111386	24413.1	21339	199870
FJettyLine2	N	110261	25061.2	18312.9	201739
FJettyLine3	N	117455	29711.8	20140.2	253343
FJettyLine4	N	142661	43507.1	7332.27	296437
FJettyLine5	N	141395	42002.3	11733.4	293710
FJettyLine6	N	166839	47502.2	35150	330266
FJettyLine7	N	190482	44407.3	70607.5	326403
FJettyLine8	N	190512	44434.5	70631.7	326602
FJettyLine9	N	120087	37456.2	0	244548
FJettyLine10	N	120680	36398.9	0	240348
FJettyLine11	N	174684	31780.6	66839.1	292209
FJettyLine12	N	221178	54402.7	99448.6	460844
FJettyLine13	N	213703	48507.5	103577	419991
FJettyLine14	N	248349	67793.9	108273	515453
FJettyLine15	N	241409	63193.1	101544	464717
FJettyLine16	N	241409	63193.1	101544	464717
FJettyFend1	N	40768.2	117383	0	885487
FJettyFend2	N	64120.9	152849	0	960597
FJettyFend3	N	179656	282944	0	1280870

ballasted_60degN_RP25yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.34022	0.156986	3.73549	4.97897
yCOG_FSRU	m	-0.202839	0.219536	-0.888466	0.286159
zCOG_FSRU	m	3.75443	0.0391711	3.62214	3.88985
xREF_FSRU	m	0.273052	0.156883	-0.331339	0.914927
yREF_FSRU	m	-0.218463	0.221299	-0.93218	0.323889
zREF_FSRU	m	-9.34544	0.0362793	-9.46656	-9.22198
ROLL_FSRU	rad	-0.000574681	0.00310328	-0.0112555	0.0102765
PITCH_FSRU	rad	1.52788E-05	0.000946239	-0.00332941	0.00343956
YAW_FSRU	rad	0.00199076	0.00124317	-0.00177011	0.00557591
distManExc	m	0.365353	0.156894	0.00676396	0.931152
xManExc	m	-0.235773	0.160711	-0.907236	0.424806
yManExc	m	0.139425	0.228817	-0.41136	0.863751
zManExc	m	0.00694133	0.0695511	-0.231312	0.243511
WaveHeight-COG	m	-0.000046942	0.300194	-1.2053	1.17573
windSpeed	m/s	20.9955	2.26633	14.5627	27.4384
FJettyLine1	N	110953	28564.9	1700.67	200588
FJettyLine2	N	109830	29374.5	0	202309
FJettyLine3	N	117024	40665.4	0	238299
FJettyLine4	N	143238	46439.5	7703.21	290385
FJettyLine5	N	141802	46046.7	10222.7	286218
FJettyLine6	N	167450	39578.2	39932.4	296773
FJettyLine7	N	190492	30463.5	71195.2	335687
FJettyLine8	N	190517	30476.8	71195.8	335681
FJettyLine9	N	119058	30963.3	0	244976
FJettyLine10	N	119731	29919.2	0	240786
FJettyLine11	N	174215	40181.1	45776.2	294370
FJettyLine12	N	221121	58555.4	76443.6	414725
FJettyLine13	N	213645	52742.1	81312	383943
FJettyLine14	N	247313	57144.3	113752	435586
FJettyLine15	N	240001	41844.7	110084	389047
FJettyLine16	N	240001	41844.7	110084	389047
FJettyFend1	N	38607.2	108400	0	914410
FJettyFend2	N	62463.3	140245	0	951916
FJettyFend3	N	184740	287725	0	1241420

loaded_60degN_RP50yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.77775	0.175609	3.18004	4.29975
yCOG_FSRU	m	-0.265099	0.25046	-0.929223	0.275215
zCOG_FSRU	m	9.20148	0.04262	9.0586	9.34174
xREF_FSRU	m	0.288542	0.175361	-0.275757	0.822771
yREF_FSRU	m	-0.294869	0.34329	-1.19498	0.469333
zREF_FSRU	m	-10.7966	0.0403235	-10.9324	-10.6619
ROLL_FSRU	rad	-0.00110713	0.0136284	-0.0357333	0.0335107
PITCH_FSRU	rad	2.06656E-05	0.000916614	-0.00320417	0.00327903
YAW_FSRU	rad	0.00218694	0.0015356	-0.0022082	0.00628817
distManExc	m	0.501262	0.229392	0.00767414	1.30741
xManExc	m	-0.247437	0.177563	-0.824772	0.327789
yManExc	m	0.194873	0.320113	-0.586117	1.07483
zManExc	m	0.0210538	0.265029	-0.757109	0.792745
WaveHeight-COG	m	-5.01432E-05	0.300924	-1.19926	1.19152
windSpeed	m/s	22.0955	2.37275	15.3273	28.8684
FJettyLine1	N	112385	26299.5	28248.3	211337
FJettyLine2	N	111307	27099.9	25309.8	213601
FJettyLine3	N	121943	41444.7	0	282603
FJettyLine4	N	151154	55588.5	0	337292
FJettyLine5	N	149861	54342.7	0	335551
FJettyLine6	N	175346	51639.1	31769.8	346855
FJettyLine7	N	194963	37401.3	81124.8	311002
FJettyLine8	N	195018	37439.7	81133.9	310937
FJettyLine9	N	119956	32076.9	0	233231
FJettyLine10	N	120473	31063.5	1194.53	229188
FJettyLine11	N	184300	42973.3	39735.6	329779
FJettyLine12	N	240979	72051.1	55398	523325
FJettyLine13	N	231120	64036.6	62456.6	472007
FJettyLine14	N	269334	77351.3	90663.2	585208
FJettyLine15	N	255654	60107.2	89547.4	478902
FJettyLine16	N	255654	60107.2	89547.4	478902
FJettyFend1	N	33501.6	108426	0	905867
FJettyFend2	N	47238	128950	0	929904
FJettyFend3	N	153636	258559	0	1247480

ballasted_60degN_RP50yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.35677	0.148903	3.87823	4.7936
yCOG_FSRU	m	-0.2491	0.230214	-0.967924	0.281087
zCOG_FSRU	m	3.75449	0.0397039	3.61974	3.89326
xREF_FSRU	m	0.2896	0.14888	-0.185643	0.73957
yREF_FSRU	m	-0.266709	0.233877	-1.04897	0.335787
zREF_FSRU	m	-9.34535	0.036743	-9.46876	-9.21891
ROLL_FSRU	rad	-0.000661239	0.00373523	-0.0141668	0.0125175
PITCH_FSRU	rad	0.00001593	0.000972258	-0.00348937	0.00360885
YAW_FSRU	rad	0.00219984	0.00139264	-0.0028297	0.00650127
distManExc	m	0.381366	0.19157	0.00505488	1.12324
xManExc	m	-0.248358	0.151478	-0.721358	0.2568
yManExc	m	0.17859	0.24374	-0.435476	0.981908
zManExc	m	0.00857567	0.0783229	-0.309367	0.315
WaveHeight-COG	m	-3.33264E-05	0.30094	-1.20665	1.18324
windSpeed	m/s	22.0955	2.37275	15.3273	28.8684
FJettyLine1	N	110397	25813.5	27962.5	201822
FJettyLine2	N	109245	26604	24739.1	203884
FJettyLine3	N	118395	41211.7	0	260368
FJettyLine4	N	147007	53179.5	0	335107
FJettyLine5	N	145541	52261	0	324549
FJettyLine6	N	171866	47677.9	12719.3	355632
FJettyLine7	N	193691	32232.9	92673.3	315898
FJettyLine8	N	193730	32276.4	92618.2	316171
FJettyLine9	N	118901	26472.8	31016.8	205359
FJettyLine10	N	119523	25669.5	33551.1	203066
FJettyLine11	N	181058	35450.7	75973.6	317989
FJettyLine12	N	234921	60090.4	99502.3	498718
FJettyLine13	N	225894	53536.1	103228	454158
FJettyLine14	N	263725	65395.9	115968	524073
FJettyLine15	N	252211	50222.1	130411	418642
FJettyLine16	N	252211	50222.1	130411	418642
FJettyFend1	N	18737.5	77373.2	0	700306
FJettyFend2	N	32856	102430	0	847872
FJettyFend3	N	144014	253535	0	1410670

loaded_60degN_RP100yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.7928	0.183757	3.04528	4.43478
yCOG_FSRU	m	-0.314738	0.247677	-0.98347	0.200175
zCOG_FSRU	m	9.20154	0.0468154	9.04353	9.36027
xREF_FSRU	m	0.303641	0.183645	-0.477183	0.953964
yREF_FSRU	m	-0.35099	0.395325	-1.38239	0.591745
zREF_FSRU	m	-10.7957	0.0442823	-10.9447	-10.6485
ROLL_FSRU	rad	-0.00139933	0.0163018	-0.0388595	0.0361375
PITCH_FSRU	rad	2.30418E-05	0.00102094	-0.00366634	0.00368266
YAW_FSRU	rad	0.00237048	0.00179192	-0.00292471	0.0071921
distManExc	m	0.557367	0.24171	0.0104314	1.59151
xManExc	m	-0.258968	0.187559	-0.91664	0.459469
yManExc	m	0.237012	0.331959	-0.572591	1.28409
zManExc	m	0.0270369	0.315809	-0.840921	0.852363
WaveHeight-COG	m	-2.68409E-05	0.324823	-1.29642	1.2972
windSpeed	m/s	23.0954	2.46861	16.0253	30.1655
FJettyLine1	N	112470	30509	0	248426
FJettyLine2	N	111419	31419.4	0	251112
FJettyLine3	N	124478	46762.9	0	272866
FJettyLine4	N	156304	59963.5	13366.2	344917
FJettyLine5	N	155060	58776.8	13629	340370
FJettyLine6	N	180749	54093.9	31361.9	387111
FJettyLine7	N	198357	39005.4	59656.4	357196
FJettyLine8	N	198430	39042	59798.9	357383
FJettyLine9	N	120024	36012.6	0	267809
FJettyLine10	N	120429	34830.7	0	261875
FJettyLine11	N	192454	51816.1	5146.74	355078
FJettyLine12	N	258335	86304.1	26552.5	565518
FJettyLine13	N	246175	76276.9	35486.4	502552
FJettyLine14	N	287589	87555.1	73597.3	572031
FJettyLine15	N	268060	63897.9	106599	525935
FJettyLine16	N	268060	63897.9	106599	525935
FJettyFend1	N	23512.3	88787.7	0	774974
FJettyFend2	N	30837.2	98752.5	0	741163
FJettyFend3	N	112676	216235	0	1202270

ballasted_60degN_RP100yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.37057	0.174626	3.70644	5.02807
yCOG_FSRU	m	-0.328186	0.277365	-1.18057	0.295973
zCOG_FSRU	m	3.75456	0.0434691	3.60359	3.90992
xREF_FSRU	m	0.303371	0.174637	-0.352687	0.939611
yREF_FSRU	m	-0.347457	0.280807	-1.23488	0.323719
zREF_FSRU	m	-9.34524	0.0401907	-9.48391	-9.20355
ROLL_FSRU	rad	-0.000731572	0.00416927	-0.0163958	0.0152662
PITCH_FSRU	rad	1.82577E-05	0.00108571	-0.00400777	0.0038919
YAW_FSRU	rad	0.00238209	0.00155798	-0.00335531	0.00754965
distManExc	m	0.442121	0.245522	0.00213966	1.40876
xManExc	m	-0.258726	0.179107	-0.956704	0.424046
yManExc	m	0.251582	0.292903	-0.461794	1.24282
zManExc	m	0.00993008	0.0868862	-0.282273	0.313863
WaveHeight-COG	m	-7.66423E-06	0.324816	-1.30401	1.28726
windSpeed	m/s	23.0954	2.46861	16.0253	30.1655
FJettyLine1	N	113041	27511.6	19488.4	215479
FJettyLine2	N	111979	28374.6	16403.4	217735
FJettyLine3	N	125324	47073.1	0	312058
FJettyLine4	N	157775	65848.3	0	426813
FJettyLine5	N	156243	64432.2	0	418719
FJettyLine6	N	181679	60995.7	0	427427
FJettyLine7	N	198181	40159.9	63577	366046
FJettyLine8	N	198246	40226.3	63501.1	366421
FJettyLine9	N	119894	30413.9	0	239570
FJettyLine10	N	120348	29562.8	0	235866
FJettyLine11	N	192219	39768	70296.8	336360
FJettyLine12	N	256826	71762.4	71956.7	564397
FJettyLine13	N	245172	63295.8	78369.3	500754
FJettyLine14	N	287620	80624.4	88891.9	630742
FJettyLine15	N	268727	62607.6	103631	523582
FJettyLine16	N	268727	62607.6	103631	523582
FJettyFend1	N	19582.4	90610.6	0	851751
FJettyFend2	N	29794.3	110698	0	928678
FJettyFend3	N	121927	249009	0	1407640

loaded_90degN_RP1yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.60722	0.0508063	3.39777	3.79082
yCOG_FSRU	m	0.0147265	0.0303149	-0.0621674	0.0908169
zCOG_FSRU	m	9.20107	0.0244643	9.11374	9.28924
xREF_FSRU	m	0.118026	0.0512111	-0.105229	0.29567
yREF_FSRU	m	0.0183949	0.0671814	-0.171827	0.198001
zREF_FSRU	m	-10.7988	0.0230826	-10.8816	-10.7155
ROLL_FSRU	rad	0.000254648	0.00253996	-0.00735054	0.00742137
PITCH_FSRU	rad	1.01775E-05	0.000555581	-0.00178373	0.00189115
YAW_FSRU	rad	0.0004083	0.000245323	-0.000314162	0.00119722
distManExc	m	0.135361	0.0467662	0.00478859	0.310152
xManExc	m	-0.110608	0.0516052	-0.294524	0.0895338
yManExc	m	-0.0229496	0.0371739	-0.112381	0.0747451
zManExc	m	-0.00556199	0.0606036	-0.236079	0.234622
WaveHeight-COG	m	2.37679E-05	0.223925	-0.906024	0.870486
windSpeed	m/s	14.796	1.64682	10.2759	19.3225
FJettyLine1	N	130314	6754.54	102821	156062
FJettyLine2	N	129728	6947.92	101449	156215
FJettyLine3	N	130138	6671.94	103971	155308
FJettyLine4	N	139779	5882.24	124577	156143
FJettyLine5	N	138837	5860	123345	155635
FJettyLine6	N	151601	6361.8	129872	172316
FJettyLine7	N	166559	8591.54	131084	196262
FJettyLine8	N	166539	8590.01	131065	196263
FJettyLine9	N	130866	9462.72	96844.3	166097
FJettyLine10	N	131525	9119.99	98906.7	165637
FJettyLine11	N	140702	10036.2	104264	173202
FJettyLine12	N	149367	12291.2	110884	185539
FJettyLine13	N	149142	11251.4	113618	182395
FJettyLine14	N	161323	11064.9	129432	194913
FJettyLine15	N	168968	9467.8	132597	202187
FJettyLine16	N	168968	9467.8	132597	202187
FJettyFend1	N	140872	110053	0	420009
FJettyFend2	N	168186	107175	0	415942
FJettyFend3	N	250583	90941.9	2974.6	469050

ballasted_90degN_RP1yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.18538	0.0435766	4.02471	4.31498
yCOG_FSRU	m	0.0165981	0.0332504	-0.0742397	0.0958644
zCOG_FSRU	m	3.75418	0.0237287	3.66884	3.83859
xREF_FSRU	m	0.118266	0.0437275	-0.0498301	0.251693
yREF_FSRU	m	0.011197	0.03438	-0.0822786	0.0986946
zREF_FSRU	m	-9.34578	0.0219413	-9.42525	-9.26766
ROLL_FSRU	rad	-0.000288794	0.000577816	-0.00219386	0.00165247
PITCH_FSRU	rad	8.66239E-06	0.000575634	-0.00198045	0.00192203
YAW_FSRU	rad	0.000397821	0.000268545	-0.000442094	0.00121558
distManExc	m	0.127857	0.0417299	0.0084657	0.294743
xManExc	m	-0.111005	0.0455994	-0.271593	0.0455391
yManExc	m	-0.0324421	0.0356177	-0.130036	0.0791233
zManExc	m	0.00151629	0.0369318	-0.121937	0.122126
WaveHeight-COG	m	1.74548E-05	0.223929	-0.906504	0.85718
windSpeed	m/s	14.796	1.64682	10.2759	19.3225
FJettyLine1	N	130334	6633.33	103883	156471
FJettyLine2	N	129750	6835.36	102473	156702
FJettyLine3	N	130222	8133.55	99120.5	160612
FJettyLine4	N	139921	8700.28	113641	167215
FJettyLine5	N	138990	8595.29	112973	165467
FJettyLine6	N	151763	7843.04	123088	181404
FJettyLine7	N	166724	7682.96	139207	194814
FJettyLine8	N	166708	7683.63	139197	194830
FJettyLine9	N	130814	8015.6	105666	159027
FJettyLine10	N	131474	7737.6	107129	158750
FJettyLine11	N	140616	7633.52	117955	167978
FJettyLine12	N	149261	8845.86	123803	178239
FJettyLine13	N	149037	8133.74	125542	175754
FJettyLine14	N	161175	8240.69	137210	187584
FJettyLine15	N	168905	7551.99	145524	194716
FJettyLine16	N	168905	7551.99	145524	194716
FJettyFend1	N	139688	94242.7	0	409266
FJettyFend2	N	170121	94543.3	0	409865
FJettyFend3	N	251775	105740	0	512532

loaded_90degN_RP5yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.60715	0.132064	3.15031	4.03337
yCOG_FSRU	m	-0.0659172	0.118854	-0.507255	0.238236
zCOG_FSRU	m	9.20121	0.0373164	9.06886	9.32707
xREF_FSRU	m	0.117984	0.132044	-0.354025	0.556024
yREF_FSRU	m	-0.08144	0.164132	-0.617148	0.407132
zREF_FSRU	m	-10.7983	0.0353533	-10.9242	-10.6804
ROLL_FSRU	rad	-0.00068067	0.00656173	-0.0256619	0.0221112
PITCH_FSRU	rad	1.12942E-05	0.000802181	-0.00284805	0.00278324
YAW_FSRU	rad	0.000547481	0.000452224	-0.000979333	0.00237035
distManExc	m	0.246916	0.11013	0.00525409	0.754933
xManExc	m	-0.107887	0.132259	-0.529495	0.343662
yManExc	m	0.0437742	0.153119	-0.379659	0.551623
zManExc	m	0.012214	0.135844	-0.459232	0.562649
WaveHeight-COG	m	-0.000181206	0.300353	-1.20594	1.17283
windSpeed	m/s	17.4958	1.9208	12.1351	22.8646
FJettyLine1	N	135454	18356.8	74782.3	196812
FJettyLine2	N	135042	18884.1	72907.8	198175
FJettyLine3	N	139674	19980.9	79158.8	221356
FJettyLine4	N	151359	19789.8	91040.9	241298
FJettyLine5	N	150634	19664.3	91237.8	240761
FJettyLine6	N	160702	19349.5	108224	245443
FJettyLine7	N	168837	22636.6	91895.4	243281
FJettyLine8	N	168849	22631.4	91976.3	243283
FJettyLine9	N	134360	24367.1	52429.8	223199
FJettyLine10	N	134768	23503.2	55246.6	220011
FJettyLine11	N	153133	24007.8	73558	253164
FJettyLine12	N	168257	29465.2	83925.8	275245
FJettyLine13	N	166270	26799.1	89009.4	264643
FJettyLine14	N	179032	27385.1	112237	276231
FJettyLine15	N	180375	24603.6	96756.6	275273
FJettyLine16	N	180375	24603.6	96756.6	275273
FJettyFend1	N	78045.3	127185	0	690298
FJettyFend2	N	91380.9	135796	0	753313
FJettyFend3	N	141202	168150	0	939232

ballasted_90degN_RP5yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.1864	0.0928805	3.87322	4.47838
yCOG_FSRU	m	-0.0780569	0.124907	-0.49955	0.208975
zCOG_FSRU	m	3.75429	0.0355371	3.62927	3.87139
xREF_FSRU	m	0.119281	0.0929007	-0.200088	0.41887
yREF_FSRU	m	-0.0868245	0.125125	-0.537503	0.210132
zREF_FSRU	m	-9.34565	0.032963	-9.46174	-9.23845
ROLL_FSRU	rad	-0.000503805	0.00147947	-0.00545381	0.00432953
PITCH_FSRU	rad	9.75636E-06	0.000833174	-0.00301651	0.00290751
YAW_FSRU	rad	0.000533082	0.00051167	-0.000940923	0.00213439
distManExc	m	0.191274	0.0864037	0.00253737	0.571683
xManExc	m	-0.109482	0.09495	-0.416062	0.208323
yManExc	m	0.0547317	0.130978	-0.276498	0.51428
zManExc	m	0.00552414	0.0535545	-0.199326	0.194939
WaveHeight-COG	m	-0.000178021	0.300346	-1.20943	1.15942
windSpeed	m/s	17.4958	1.9208	12.1351	22.8646
FJettyLine1	N	136128	16381.3	87339.4	194442
FJettyLine2	N	135736	16893.6	85462.7	195798
FJettyLine3	N	140952	22628.4	77832.5	210477
FJettyLine4	N	153024	25248.3	89788.3	234127
FJettyLine5	N	152232	25171.2	89329.3	233344
FJettyLine6	N	162078	21245.2	99443.7	244903
FJettyLine7	N	169224	16531.3	112403	229959
FJettyLine8	N	169236	16537.5	112393	230095
FJettyLine9	N	134164	17270	75272.1	193416
FJettyLine10	N	134582	16644.5	77475.5	191551
FJettyLine11	N	153444	19435	95992.7	215534
FJettyLine12	N	168858	25185.5	109432	250933
FJettyLine13	N	166836	22921	112199	241159
FJettyLine14	N	179798	23623.8	117921	272997
FJettyLine15	N	180901	19033.8	123415	271328
FJettyLine16	N	180901	19033.8	123415	271328
FJettyFend1	N	77318.5	130242	0	645163
FJettyFend2	N	93541.5	145064	0	707055
FJettyFend3	N	150551	197777	0	868284

loaded_90degN_RP10yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.60626	0.170106	3.09743	4.13567
yCOG_FSRU	m	-0.125391	0.16459	-0.755983	0.344355
zCOG_FSRU	m	9.20129	0.045087	9.04272	9.34878
xREF_FSRU	m	0.11712	0.170008	-0.39941	0.651511
yREF_FSRU	m	-0.146315	0.229563	-0.817985	0.436519
zREF_FSRU	m	-10.7978	0.0427328	-10.9475	-10.6592
ROLL_FSRU	rad	-0.000942192	0.00927916	-0.0274351	0.0257803
PITCH_FSRU	rad	1.21933E-05	0.000961692	-0.0034331	0.00335806
YAW_FSRU	rad	0.000596614	0.000589785	-0.00142073	0.00260857
distManExc	m	0.330651	0.150111	0.00840897	0.936396
xManExc	m	-0.106036	0.170095	-0.637675	0.400989
yManExc	m	0.099392	0.215059	-0.504719	0.844535
zManExc	m	0.0173402	0.187771	-0.643023	0.621877
WaveHeight-COG	m	-0.000267962	0.350915	-1.40458	1.37338
windSpeed	m/s	18.3957	2.01067	12.7603	24.0444
FJettyLine1	N	139785	24315	60303.9	240141
FJettyLine2	N	139521	25017.6	58096.5	242558
FJettyLine3	N	147545	27849	58383.2	262581
FJettyLine4	N	160878	28721.3	80709.9	283041
FJettyLine5	N	160267	28535	82387.8	282464
FJettyLine6	N	168116	27122.5	91033.7	280616
FJettyLine7	N	170713	29579.4	86589.9	273622
FJettyLine8	N	170747	29576.8	86625.2	273666
FJettyLine9	N	136629	31458.4	29872.4	237210
FJettyLine10	N	136861	30339.7	33171.1	232725
FJettyLine11	N	161298	31877.8	52772.4	293008
FJettyLine12	N	181032	40440.1	70316.1	342462
FJettyLine13	N	177816	36715.5	75968.3	321634
FJettyLine14	N	190825	37419.7	88441.9	319341
FJettyLine15	N	187876	33041.9	78987.2	303443
FJettyLine16	N	187876	33041.9	78987.2	303443
FJettyFend1	N	67384.9	131023	0	961703
FJettyFend2	N	77589.2	140562	0	1019780
FJettyFend3	N	116006	181821	0	1162150

ballasted_90degN_RP10yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.18584	0.137427	3.7213	4.58362
yCOG_FSRU	m	-0.144816	0.182053	-0.754826	0.274226
zCOG_FSRU	m	3.75436	0.0427099	3.60594	3.89253
xREF_FSRU	m	0.118708	0.137365	-0.349353	0.525069
yREF_FSRU	m	-0.154682	0.18085	-0.783352	0.298181
zREF_FSRU	m	-9.34557	0.0396221	-9.48314	-9.21907
ROLL_FSRU	rad	-0.000574468	0.00171284	-0.00661588	0.00540769
PITCH_FSRU	rad	0.000010711	0.00100106	-0.00362033	0.00347906
YAW_FSRU	rad	0.000575689	0.000594392	-0.00145068	0.00234157
distManExc	m	0.262895	0.12887	0.00448637	0.789596
xManExc	m	-0.108126	0.138824	-0.527833	0.363921
yManExc	m	0.119083	0.190799	-0.328871	0.770564
zManExc	m	0.00682642	0.0642388	-0.242796	0.265729
WaveHeight-COG	m	-0.000269076	0.35092	-1.40984	1.35558
windSpeed	m/s	18.3957	2.01067	12.7603	24.0444
FJettyLine1	N	140962	24469.4	56671.8	228269
FJettyLine2	N	140734	25227.4	54341.1	230590
FJettyLine3	N	149785	33483.5	48724.6	263632
FJettyLine4	N	163921	36874.9	76452.1	283764
FJettyLine5	N	163197	36875.4	76580.5	283161
FJettyLine6	N	170518	30509	83428.7	272521
FJettyLine7	N	171304	24164.5	81500.7	256191
FJettyLine8	N	171337	24171.3	81512.1	256291
FJettyLine9	N	136378	25527.3	52552.7	222709
FJettyLine10	N	136628	24602.3	55486.2	219798
FJettyLine11	N	161923	27585.4	76280.7	261098
FJettyLine12	N	182164	35466.2	100222	321590
FJettyLine13	N	178849	32218.1	103129	301337
FJettyLine14	N	192278	32628	114131	314988
FJettyLine15	N	188840	26904.6	111780	288949
FJettyLine16	N	188840	26904.6	111780	288949
FJettyFend1	N	66626.3	137653	0	843687
FJettyFend2	N	80950.3	156617	0	898527
FJettyFend3	N	133038	217496	0	1067300

loaded_90degN_RP50yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.60437	0.271991	2.65072	4.49951
yCOG_FSRU	m	-0.282993	0.261057	-1.06553	0.281531
zCOG_FSRU	m	9.20149	0.0564093	9.00501	9.38151
xREF_FSRU	m	0.115273	0.271476	-0.829142	1.03523
yREF_FSRU	m	-0.316191	0.329639	-1.26049	0.518247
zREF_FSRU	m	-10.7969	0.0534287	-10.9849	-10.625
ROLL_FSRU	rad	-0.00153755	0.0122244	-0.0359006	0.0296736
PITCH_FSRU	rad	1.40805E-05	0.00119718	-0.00425948	0.00420859
YAW_FSRU	rad	0.000702302	0.000801058	-0.00201316	0.0034816
distManExc	m	0.505766	0.234802	0.0162929	1.37186
xManExc	m	-0.102112	0.271584	-0.980294	0.857537
yManExc	m	0.24806	0.32244	-0.563836	1.21118
zManExc	m	0.0288126	0.245793	-0.699456	0.740513
WaveHeight-COG	m	-0.000340197	0.425065	-1.70163	1.66643
windSpeed	m/s	20.3956	2.20785	14.1471	26.657
FJettyLine1	N	151618	33805.7	32328.5	254282
FJettyLine2	N	151760	34763.4	29947.4	256701
FJettyLine3	N	169297	39656.6	59590.3	295632
FJettyLine4	N	187974	49698.4	80834.7	374710
FJettyLine5	N	187558	48616	84886.2	365517
FJettyLine6	N	189622	51659.1	47964.3	388299
FJettyLine7	N	176457	51289.8	0	373505
FJettyLine8	N	176552	51304.7	0	373588
FJettyLine9	N	142675	49015.7	0	333872
FJettyLine10	N	142370	47378.6	0	324179
FJettyLine11	N	182870	43492.2	43211.1	314694
FJettyLine12	N	215347	58737.4	56456	416811
FJettyLine13	N	208642	52724.2	63735	385734
FJettyLine14	N	223245	61281	65905.6	447190
FJettyLine15	N	208702	58528.8	24751.5	413407
FJettyLine16	N	208702	58528.8	24751.5	413407
FJettyFend1	N	51526.5	138449	0	907680
FJettyFend2	N	55792.4	142036	0	925209
FJettyFend3	N	78770.4	168719	0	994451

ballasted_90degN_RP50yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.18386	0.225283	3.43046	4.84593
yCOG_FSRU	m	-0.292579	0.282699	-1.17769	0.328848
zCOG_FSRU	m	3.75449	0.0531654	3.57258	3.93026
xREF_FSRU	m	0.116708	0.225022	-0.659639	0.799678
yREF_FSRU	m	-0.305095	0.283106	-1.21288	0.359521
zREF_FSRU	m	-9.34537	0.0493089	-9.51567	-9.18553
ROLL_FSRU	rad	-0.000742726	0.00333964	-0.0118554	0.0100324
PITCH_FSRU	rad	1.24441E-05	0.00125356	-0.0045415	0.00442314
YAW_FSRU	rad	0.000685337	0.000765333	-0.00179415	0.00321615
distManExc	m	0.413995	0.231771	0.00405931	1.29824
xManExc	m	-0.104087	0.225705	-0.761254	0.624979
yManExc	m	0.260957	0.296055	-0.466347	1.19401
zManExc	m	0.0100009	0.086519	-0.335482	0.348779
WaveHeight-COG	m	-0.000325138	0.425061	-1.7101	1.64582
windSpeed	m/s	20.3956	2.20785	14.1471	26.657
FJettyLine1	N	151758	34964.3	53470	267369
FJettyLine2	N	151897	36020.6	51280.5	270335
FJettyLine3	N	169920	48813.5	48328.4	335062
FJettyLine4	N	189226	59624.8	67549.2	383271
FJettyLine5	N	188651	59179.1	66034.7	382323
FJettyLine6	N	190057	52813.8	56574.3	385405
FJettyLine7	N	176154	42485.7	47269.7	310420
FJettyLine8	N	176239	42516	47307.3	310887
FJettyLine9	N	141718	40190.2	6564.23	279640
FJettyLine10	N	141526	38828	10050.7	274090
FJettyLine11	N	181688	39045.3	61450.8	332641
FJettyLine12	N	213917	55172.5	92913.1	443718
FJettyLine13	N	207358	49398.2	96822.7	406691
FJettyLine14	N	222275	56298.2	79606.1	425639
FJettyLine15	N	207795	49663.1	55231.3	381599
FJettyLine16	N	207795	49663.1	55231.3	381599
FJettyFend1	N	42877.2	130046	0	1031040
FJettyFend2	N	51336	146226	0	1077910
FJettyFend3	N	90769.5	204577	0	1266020

loaded_90degN_RP100yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.60061	0.330962	2.47277	4.67982
yCOG_FSRU	m	-0.332433	0.293222	-1.10664	0.318322
zCOG_FSRU	m	9.20158	0.0675397	8.97569	9.42367
xREF_FSRU	m	0.111553	0.330414	-1.01948	1.19616
yREF_FSRU	m	-0.37189	0.371354	-1.379	0.537763
zREF_FSRU	m	-10.7964	0.0638359	-11.0098	-10.5819
ROLL_FSRU	rad	-0.00184324	0.0137616	-0.0376081	0.0333208
PITCH_FSRU	rad	1.47355E-05	0.00145712	-0.00512197	0.0051842
YAW_FSRU	rad	0.000744941	0.0011871	-0.00316329	0.00474252
distManExc	m	0.587932	0.263326	0.00820973	1.50009
xManExc	m	-0.0975091	0.329655	-1.18659	1.03543
yManExc	m	0.29331	0.363075	-0.597513	1.35165
zManExc	m	0.0347481	0.27886	-0.868136	0.901576
WaveHeight-COG	m	-0.000200062	0.476486	-1.89523	1.87014
windSpeed	m/s	21.0955	2.27605	14.6321	27.5686
FJettyLine1	N	155946	47913.9	0	372455
FJettyLine2	N	156229	49191.2	0	378687
FJettyLine3	N	177076	56018.7	3751.88	454847
FJettyLine4	N	197231	60484.1	67548.3	406108
FJettyLine5	N	196976	59836	69285.3	396329
FJettyLine6	N	196202	57506.3	19647.2	433356
FJettyLine7	N	177990	60713.2	0	420118
FJettyLine8	N	178107	60715.5	0	420025
FJettyLine9	N	145750	61830.1	0	383436
FJettyLine10	N	145143	59688.2	0	372983
FJettyLine11	N	191293	58254.8	0	420454
FJettyLine12	N	229064	75529.8	23888.3	517359
FJettyLine13	N	220704	67511.3	31643.7	469299
FJettyLine14	N	234846	71849.2	31010.7	494274
FJettyLine15	N	215496	66886.4	6878.63	462447
FJettyLine16	N	215496	66886.4	6878.63	462447
FJettyFend1	N	51781.7	146958	0	1024800
FJettyFend2	N	52450	142645	0	957120
FJettyFend3	N	74627	169104	0	1053570

ballasted_90degN_RP100yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.17947	0.308714	3.12364	5.17316
yCOG_FSRU	m	-0.355112	0.320153	-1.316	0.353494
zCOG_FSRU	m	3.75457	0.0629207	3.54057	3.97525
xREF_FSRU	m	0.112318	0.308424	-0.907153	1.09132
yREF_FSRU	m	-0.368559	0.32883	-1.45551	0.470738
zREF_FSRU	m	-9.34511	0.0582146	-9.54103	-9.14381
ROLL_FSRU	rad	-0.000799104	0.00623044	-0.0226544	0.0209412
PITCH_FSRU	rad	1.33434E-05	0.00154844	-0.00561369	0.0057723
YAW_FSRU	rad	0.000732834	0.000866352	-0.00291437	0.00381032
distManExc	m	0.521662	0.267139	0.00579775	1.57137
xManExc	m	-0.0988099	0.308321	-1.12057	1.02072
yManExc	m	0.321468	0.345017	-0.568839	1.41606
zManExc	m	0.0112725	0.12714	-0.474483	0.522736
WaveHeight-COG	m	-0.000151866	0.476502	-1.90616	1.8698
windSpeed	m/s	21.0955	2.27605	14.6321	27.5686
FJettyLine1	N	157007	45598.2	24096.6	316100
FJettyLine2	N	157310	46872.2	21580.5	320779
FJettyLine3	N	179210	58543.5	27000.2	423327
FJettyLine4	N	200488	69150	30620.3	493763
FJettyLine5	N	200036	68601.4	32589.2	485471
FJettyLine6	N	198497	63532.9	27648.6	472145
FJettyLine7	N	178131	58048.7	0	406518
FJettyLine8	N	178240	58076.3	0	406773
FJettyLine9	N	144968	56082.2	0	376530
FJettyLine10	N	144460	54193.3	0	365809
FJettyLine11	N	191206	49148.4	39491	402775
FJettyLine12	N	229002	65996.1	85892.9	527784
FJettyLine13	N	220728	58739.6	90839.2	476682
FJettyLine14	N	235882	67191	77986.3	487846
FJettyLine15	N	216284	63962.2	36115.6	477841
FJettyLine16	N	216284	63962.2	36115.6	477841
FJettyFend1	N	43834.3	134899	0	1080610
FJettyFend2	N	54084	153814	0	1140920
FJettyFend3	N	93586.1	223123	0	1466540

loaded_120degN_RP1yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.56467	0.0989932	3.20292	3.90418
yCOG_FSRU	m	0.0147476	0.0290386	-0.0637643	0.0923068
zCOG_FSRU	m	9.20107	0.0344786	9.08091	9.32438
xREF_FSRU	m	0.0755088	0.0991552	-0.30471	0.421852
yREF_FSRU	m	0.0183151	0.0603266	-0.165028	0.202931
zREF_FSRU	m	-10.7988	0.0325256	-10.9126	-10.6824
ROLL_FSRU	rad	0.00016627	0.00240734	-0.00720313	0.00729754
PITCH_FSRU	rad	8.00419E-06	0.000781704	-0.00250834	0.00266031
YAW_FSRU	rad	-6.91248E-05	0.000455756	-0.00150632	0.00138027
distManExc	m	0.133541	0.0658888	0.00408936	0.41942
xManExc	m	-0.0770595	0.0997073	-0.418353	0.270086
yManExc	m	-0.010942	0.0363347	-0.0960936	0.0846884
zManExc	m	-0.00395939	0.0695642	-0.241771	0.246829
WaveHeight-COG	m	-8.46832E-05	0.324815	-1.30818	1.25339
windSpeed	m/s	15.096	1.67759	10.4812	19.7153
FJettyLine1	N	140748	13599.1	97660	194548
FJettyLine2	N	140502	14000.9	96148.3	195929
FJettyLine3	N	143004	14228.9	101000	196904
FJettyLine4	N	150314	13405	112343	190409
FJettyLine5	N	149529	13278.4	112251	189388
FJettyLine6	N	156366	13571.6	106140	202752
FJettyLine7	N	162716	16938.4	104454	223032
FJettyLine8	N	162705	16936.8	104480	223026
FJettyLine9	N	135494	17756.4	69861.6	198037
FJettyLine10	N	136011	17150.7	72421.7	196453
FJettyLine11	N	138038	13658.4	84646.1	186218
FJettyLine12	N	140822	12805.1	96484.5	185104
FJettyLine13	N	141393	11852.9	100531	182602
FJettyLine14	N	148831	12048.4	108504	188381
FJettyLine15	N	156801	14725.5	101767	206060
FJettyLine16	N	156801	14725.5	101767	206060
FJettyFend1	N	204984	108362	0	496123
FJettyFend2	N	198536	95471	0	434145
FJettyFend3	N	186855	117719	0	489463

ballasted_120degN_RP1yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.14308	0.0892499	3.83139	4.43872
yCOG_FSRU	m	0.0144453	0.0382364	-0.089686	0.10972
zCOG_FSRU	m	3.75418	0.0336886	3.63499	3.87345
xREF_FSRU	m	0.0759847	0.0892419	-0.245663	0.379451
yREF_FSRU	m	0.0109415	0.0523188	-0.171071	0.192874
zREF_FSRU	m	-9.34575	0.0311602	-9.45631	-9.23514
ROLL_FSRU	rad	-0.000293343	0.00247881	-0.0107049	0.00988478
PITCH_FSRU	rad	0.0000073	0.000813851	-0.00276223	0.00270673
YAW_FSRU	rad	-8.31864E-05	0.000391819	-0.00147504	0.00128081
distManExc	m	0.1343	0.0613687	0.00283713	0.3948
xManExc	m	-0.0777727	0.0911545	-0.386258	0.230966
yManExc	m	-0.0174723	0.0618634	-0.224231	0.19348
zManExc	m	0.00162312	0.0575305	-0.218695	0.230793
WaveHeight-COG	m	-8.69059E-05	0.324832	-1.31007	1.23099
windSpeed	m/s	15.096	1.67759	10.4812	19.7153
FJettyLine1	N	140898	12904.8	97117.1	190881
FJettyLine2	N	140658	13290.7	95454.3	192174
FJettyLine3	N	143346	14652.4	92667.1	199787
FJettyLine4	N	150793	14807.4	101763	196872
FJettyLine5	N	150015	14619.1	103560	195466
FJettyLine6	N	156802	13935.1	102282	203477
FJettyLine7	N	162969	15387.7	110599	214307
FJettyLine8	N	162961	15386	110631	214284
FJettyLine9	N	135410	16013.5	80744	191397
FJettyLine10	N	135928	15466.8	83036.8	190000
FJettyLine11	N	137989	11204.7	100482	176855
FJettyLine12	N	140789	8404.29	112323	173744
FJettyLine13	N	141355	7857.33	114706	172204
FJettyLine14	N	148782	7575.27	122562	176613
FJettyLine15	N	156823	12238.8	115649	199653
FJettyLine16	N	156823	12238.8	115649	199653
FJettyFend1	N	204736	77020.7	0	421508
FJettyFend2	N	197751	91715	0	430649
FJettyFend3	N	191029	136922	0	617024

loaded_120degN_RP5yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.53388	0.326946	2.48753	4.53939
yCOG_FSRU	m	-0.0362196	0.0864011	-0.396142	0.200622
zCOG_FSRU	m	9.2012	0.062172	8.98087	9.4104
xREF_FSRU	m	0.0447604	0.326299	-1.02756	1.06592
yREF_FSRU	m	-0.0479209	0.115986	-0.444779	0.287811
zREF_FSRU	m	-10.7985	0.0588497	-11.0075	-10.602
ROLL_FSRU	rad	-0.000626503	0.00454325	-0.0144096	0.0132018
PITCH_FSRU	rad	6.61857E-06	0.00133734	-0.00477804	0.00461994
YAW_FSRU	rad	-0.000237064	0.00075755	-0.00247489	0.00209673
distManExc	m	0.327184	0.177781	0.00836025	1.04315
xManExc	m	-0.0493881	0.325464	-1.03805	0.996915
yManExc	m	0.0358757	0.113762	-0.268702	0.453029
zManExc	m	0.0109472	0.126256	-0.429379	0.420792
WaveHeight-COG	m	-0.000412991	0.500606	-2.01035	1.94092
windSpeed	m/s	17.2958	1.90073	11.9965	22.6021
FJettyLine1	N	150789	42773.9	941.597	289005
FJettyLine2	N	150878	43880.2	0	291983
FJettyLine3	N	157035	36913.1	27706.2	302813
FJettyLine4	N	163582	25099.1	98091.2	262976
FJettyLine5	N	163106	24751.6	98868	261008
FJettyLine6	N	164440	34818	40855.1	290055
FJettyLine7	N	161645	57249.1	0	360693
FJettyLine8	N	161662	57225.9	0	360615
FJettyLine9	N	141983	60498.7	0	371638
FJettyLine10	N	141998	58509.1	0	361303
FJettyLine11	N	145591	40152.4	12564.6	284384
FJettyLine12	N	148811	28146.2	56494.9	242337
FJettyLine13	N	148711	26254.2	62876.2	236325
FJettyLine14	N	153027	27066	62316.6	250533
FJettyLine15	N	156808	46802.8	0	341649
FJettyLine16	N	156808	46802.8	0	341649
FJettyFend1	N	146229	158348	0	745850
FJettyFend2	N	127266	140309	0	696776
FJettyFend3	N	110659	143940	0	714734

ballasted_120degN_RP5yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.11336	0.240662	3.18042	4.99043
yCOG_FSRU	m	-0.0398068	0.0852028	-0.263533	0.172215
zCOG_FSRU	m	3.75427	0.0592535	3.54611	3.94961
xREF_FSRU	m	0.0462845	0.240398	-0.894614	0.93166
yREF_FSRU	m	-0.0448045	0.0916713	-0.314613	0.25184
zREF_FSRU	m	-9.34564	0.0549617	-9.53893	-9.16681
ROLL_FSRU	rad	-0.000474828	0.00265515	-0.00885225	0.00767797
PITCH_FSRU	rad	6.3736E-06	0.00138965	-0.00507157	0.00484234
YAW_FSRU	rad	-0.000300371	0.000706184	-0.00232454	0.00155628
distManExc	m	0.255995	0.129062	0.00376115	0.932799
xManExc	m	-0.0521281	0.241854	-0.928425	0.844172
yManExc	m	0.0393089	0.107819	-0.270941	0.347351
zManExc	m	0.00495638	0.0882322	-0.321013	0.31904
WaveHeight-COG	m	-0.000411204	0.500616	-2.01533	1.9206
windSpeed	m/s	17.2958	1.90073	11.9965	22.6021
FJettyLine1	N	151207	32267	44730.3	285059
FJettyLine2	N	151306	33179.2	42623.8	288042
FJettyLine3	N	157949	31779.8	58923.9	267165
FJettyLine4	N	164953	28318.5	92986.9	249360
FJettyLine5	N	164376	27885.9	91496.5	244697
FJettyLine6	N	165536	31100	68700	276214
FJettyLine7	N	161813	42089.3	5136.63	338787
FJettyLine8	N	161828	42079	5245.25	338676
FJettyLine9	N	140806	43908.8	0	321988
FJettyLine10	N	141006	42434.2	0	313064
FJettyLine11	N	144081	28838.3	16139.1	242221
FJettyLine12	N	146826	19277.6	65119.2	212545
FJettyLine13	N	146897	18092.9	69510.7	207955
FJettyLine14	N	151331	18360.7	67116.5	216751
FJettyLine15	N	155641	33420.3	4945.58	264070
FJettyLine16	N	155641	33420.3	4945.58	264070
FJettyFend1	N	130798	132162	0	718710
FJettyFend2	N	122381	136976	0	673364
FJettyFend3	N	128865	168721	0	733047

loaded_120degN_RP10yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.52451	0.385988	2.13978	4.7433
yCOG_FSRU	m	-0.0706753	0.120934	-0.534464	0.238297
zCOG_FSRU	m	9.20124	0.0717761	8.94985	9.43437
xREF_FSRU	m	0.0354067	0.385181	-1.37858	1.26146
yREF_FSRU	m	-0.0878308	0.145278	-0.67234	0.358963
zREF_FSRU	m	-10.7984	0.0679652	-11.0363	-10.5802
ROLL_FSRU	rad	-0.000910587	0.00554032	-0.0261405	0.0213267
PITCH_FSRU	rad	7.01363E-06	0.00152959	-0.0054835	0.00539111
YAW_FSRU	rad	-0.000302113	0.000752323	-0.00339232	0.0031481
distManExc	m	0.398381	0.205921	0.00241722	1.33698
xManExc	m	-0.041239	0.384333	-1.23805	1.31024
yManExc	m	0.0690239	0.156054	-0.437127	0.599945
zManExc	m	0.0163475	0.14938	-0.693676	0.561011
WaveHeight-COG	m	-0.000289768	0.550464	-2.20449	2.13344
windSpeed	m/s	18.0957	1.98079	12.5516	23.6514
FJettyLine1	N	155763	49912.1	0	364013
FJettyLine2	N	156009	51159.1	0	369349
FJettyLine3	N	164602	42375.7	5690.76	321015
FJettyLine4	N	171496	29682.4	98951.5	286800
FJettyLine5	N	171108	29045.9	98382.5	280143
FJettyLine6	N	170100	42693.3	25541.3	343575
FJettyLine7	N	162459	68576.9	0	407360
FJettyLine8	N	162491	68551.9	0	407038
FJettyLine9	N	145089	71340.8	0	473464
FJettyLine10	N	144802	69049.5	0	459848
FJettyLine11	N	149966	46888.7	0	315670
FJettyLine12	N	154313	32579.4	8796.14	269140
FJettyLine13	N	153707	30328.9	17689.1	260365
FJettyLine14	N	157155	32649.2	11211	300641
FJettyLine15	N	158758	56295.7	0	349943
FJettyLine16	N	158758	56295.7	0	349943
FJettyFend1	N	125893	165780	0	871387
FJettyFend2	N	108513	150113	0	810680
FJettyFend3	N	92004.4	147365	0	765477

ballasted_120degN_RP10yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.10447	0.320041	2.84582	5.24337
yCOG_FSRU	m	-0.0790734	0.122068	-0.489197	0.213668
zCOG_FSRU	m	3.7543	0.0678578	3.51995	3.97479
xREF_FSRU	m	0.0373873	0.319624	-1.22293	1.17038
yREF_FSRU	m	-0.0847147	0.127116	-0.559457	0.265092
zREF_FSRU	m	-9.3456	0.0629412	-9.56349	-9.14355
ROLL_FSRU	rad	-0.000542055	0.00296062	-0.0105093	0.00887488
PITCH_FSRU	rad	7.08299E-06	0.0015957	-0.00580445	0.00559545
YAW_FSRU	rad	-0.000358569	0.000705867	-0.00260827	0.00186849
distManExc	m	0.329954	0.180923	0.00618834	1.2414
xManExc	m	-0.0443453	0.320489	-1.1799	1.22472
yManExc	m	0.0789304	0.142834	-0.30632	0.554821
zManExc	m	0.00624217	0.101255	-0.388615	0.405039
WaveHeight-COG	m	-0.000280625	0.550476	-2.21384	2.12841
windSpeed	m/s	18.0957	1.98079	12.5516	23.6514
FJettyLine1	N	156254	42721.5	0	313537
FJettyLine2	N	156516	43840.3	0	318203
FJettyLine3	N	165807	40143.1	15436.6	323019
FJettyLine4	N	173354	33646.1	88247	266170
FJettyLine5	N	172854	33195.4	86663.3	265777
FJettyLine6	N	171449	39592.9	3791.17	327801
FJettyLine7	N	162637	56817.8	0	419302
FJettyLine8	N	162667	56803	0	419335
FJettyLine9	N	143697	59110.8	0	442170
FJettyLine10	N	143611	57169.2	0	428581
FJettyLine11	N	148742	38357.4	11919.4	308266
FJettyLine12	N	152832	25132.4	76273.1	266620
FJettyLine13	N	152366	23503	79879.1	257510
FJettyLine14	N	156016	24761.1	75498.9	263333
FJettyLine15	N	157993	45697.3	0	372468
FJettyLine16	N	157993	45697.3	0	372468
FJettyFend1	N	111356	151836	0	809852
FJettyFend2	N	105699	151637	0	760856
FJettyFend3	N	110829	172572	0	831118

loaded_120degN_RP25yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.50541	0.548016	1.51798	5.38762
yCOG_FSRU	m	-0.12834	0.168691	-0.777833	0.336142
zCOG_FSRU	m	9.20135	0.0867091	8.89862	9.47988
xREF_FSRU	m	0.0163399	0.546671	-1.96231	1.9307
yREF_FSRU	m	-0.151698	0.207895	-0.843205	0.41548
zREF_FSRU	m	-10.798	0.0821362	-11.0839	-10.532
ROLL_FSRU	rad	-0.00123242	0.00792417	-0.0285988	0.0247763
PITCH_FSRU	rad	6.47076E-06	0.00184711	-0.00661143	0.00657163
YAW_FSRU	rad	-0.000368828	0.000967665	-0.00386801	0.00287997
distManExc	m	0.564454	0.283878	0.00732826	1.97046
xManExc	m	-0.0233581	0.545839	-1.87688	1.95118
yManExc	m	0.125218	0.213636	-0.471021	0.848578
zManExc	m	0.0224974	0.19719	-0.75966	0.702654
WaveHeight-COG	m	-0.000490646	0.649048	-2.60096	2.52492
windSpeed	m/s	19.0957	2.08008	13.2483	24.9602
FJettyLine1	N	164743	69971.1	0	470695
FJettyLine2	N	165280	71606.8	0	480792
FJettyLine3	N	177193	56909.6	0	404587
FJettyLine4	N	184053	40124	70411	341064
FJettyLine5	N	183855	38602.2	71776.4	332878
FJettyLine6	N	179096	64041	0	432201
FJettyLine7	N	165710	100004	0	655989
FJettyLine8	N	165765	99979.5	0	655746
FJettyLine9	N	154694	102731	0	728006
FJettyLine10	N	153520	99268.3	0	696604
FJettyLine11	N	159213	65707.7	0	423243
FJettyLine12	N	165165	45618.6	0	331999
FJettyLine13	N	163556	42414	0	311916
FJettyLine14	N	165258	48789.4	0	338475
FJettyLine15	N	163677	82083.9	0	514128
FJettyLine16	N	163677	82083.9	0	514128
FJettyFend1	N	112535	182527	0	1128240
FJettyFend2	N	92973.8	158774	0	1021600
FJettyFend3	N	75106.9	149279	0	990876

ballasted_120degN_RP25yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.08664	0.524231	2.31588	5.7146
yCOG_FSRU	m	-0.145339	0.182192	-0.842216	0.302211
zCOG_FSRU	m	3.75438	0.0815736	3.47443	4.02779
xREF_FSRU	m	0.0195497	0.52337	-1.74939	1.65099
yREF_FSRU	m	-0.151764	0.186884	-0.894072	0.392107
zREF_FSRU	m	-9.34548	0.075637	-9.60372	-9.09665
ROLL_FSRU	rad	-0.000618168	0.00367121	-0.0130344	0.012275
PITCH_FSRU	rad	7.14769E-06	0.00193461	-0.00698294	0.00686364
YAW_FSRU	rad	-0.000410877	0.000867784	-0.0033307	0.00244238
distManExc	m	0.518113	0.289119	0.00671656	1.73352
xManExc	m	-0.0274795	0.523235	-1.65188	1.7256
yManExc	m	0.145264	0.202888	-0.427532	0.927648
zManExc	m	0.00765586	0.123194	-0.466	0.459019
WaveHeight-COG	m	-0.000454651	0.649061	-2.61123	2.51781
windSpeed	m/s	19.0957	2.08008	13.2483	24.9602
FJettyLine1	N	165540	69650.7	0	440958
FJettyLine2	N	166108	71282.5	0	449861
FJettyLine3	N	179327	60760.1	0	412190
FJettyLine4	N	187061	45454.1	66049.6	342695
FJettyLine5	N	186764	44661.1	68288.9	342157
FJettyLine6	N	181275	62492.2	0	435028
FJettyLine7	N	166641	94924.3	0	579117
FJettyLine8	N	166691	94905.6	0	578979
FJettyLine9	N	153727	98190.9	0	647727
FJettyLine10	N	152673	94872	0	621336
FJettyLine11	N	158451	63438.5	0	398632
FJettyLine12	N	164869	40979.5	34461.1	331713
FJettyLine13	N	163302	38242.8	39182.9	315803
FJettyLine14	N	165410	42230	30376	361308
FJettyLine15	N	163913	76947.8	0	516612
FJettyLine16	N	163913	76947.8	0	516612
FJettyFend1	N	101054	176578	0	1051550
FJettyFend2	N	94955.2	170971	0	993470
FJettyFend3	N	96475.9	186207	0	1099270

loaded_120degN_RP50yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.49351	0.650341	1.14758	5.70612
yCOG_FSRU	m	-0.185888	0.229492	-0.979423	0.363432
zCOG_FSRU	m	9.20154	0.0949974	8.87311	9.50558
xREF_FSRU	m	0.00445983	0.648606	-2.36598	2.20849
yREF_FSRU	m	-0.213248	0.25023	-1.12327	0.454467
zREF_FSRU	m	-10.7976	0.0899468	-11.1053	-10.5055
ROLL_FSRU	rad	-0.00144023	0.00877573	-0.0335891	0.0292632
PITCH_FSRU	rad	5.54032E-06	0.00201989	-0.00729834	0.00720816
YAW_FSRU	rad	-0.000412912	0.00106109	-0.00391898	0.00332411
distManExc	m	0.683213	0.332967	0.00989355	2.36349
xManExc	m	-0.0122668	0.646624	-2.20282	2.33612
yManExc	m	0.181785	0.279893	-0.560111	1.08566
zManExc	m	0.0262994	0.217478	-0.733722	0.896163
WaveHeight-COG	m	-0.00074917	0.699794	-2.80824	2.71344
windSpeed	m/s	19.7956	2.14906	13.7326	25.8745
FJettyLine1	N	172847	85576.7	0	503150
FJettyLine2	N	173658	87561	0	516816
FJettyLine3	N	189296	72240.3	0	471567
FJettyLine4	N	196679	52288	61277	432073
FJettyLine5	N	196619	50768.2	74334.9	423261
FJettyLine6	N	188629	78163.8	0	534323
FJettyLine7	N	170572	118840	0	801957
FJettyLine8	N	170646	118818	0	801987
FJettyLine9	N	163688	123932	0	932515
FJettyLine10	N	161726	119525	0	881779
FJettyLine11	N	167815	78546	0	544191
FJettyLine12	N	175997	54440.7	0	358589
FJettyLine13	N	173373	50490.1	0	336018
FJettyLine14	N	174171	60018.2	0	427840
FJettyLine15	N	170392	99141.7	0	678783
FJettyLine16	N	170392	99141.7	0	678783
FJettyFend1	N	109931	203072	0	1254700
FJettyFend2	N	93871.5	183001	0	1162800
FJettyFend3	N	81543	178781	0	1048810

ballasted_120degN_RP50yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.07675	0.625327	2.06164	6.09236
yCOG_FSRU	m	-0.194638	0.214639	-0.977028	0.308389
zCOG_FSRU	m	3.75451	0.0891323	3.45188	4.05576
xREF_FSRU	m	0.00967713	0.624274	-2.02541	2.06009
yREF_FSRU	m	-0.20171	0.221765	-1.02691	0.44488
zREF_FSRU	m	-9.34528	0.0826343	-9.6239	-9.07106
ROLL_FSRU	rad	-0.000676194	0.00465965	-0.0159749	0.0145562
PITCH_FSRU	rad	0.000006771	0.00212097	-0.00758984	0.00755061
YAW_FSRU	rad	-0.000438741	0.00107764	-0.00405301	0.00350051
distManExc	m	0.621669	0.342396	0.013838	2.00122
xManExc	m	-0.0181058	0.623657	-1.96763	1.99708
yManExc	m	0.19434	0.239245	-0.437852	1.04593
zManExc	m	0.0086891	0.139103	-0.528811	0.525219
WaveHeight-COG	m	-0.000715521	0.699847	-2.80488	2.71564
windSpeed	m/s	19.7956	2.14906	13.7326	25.8745
FJettyLine1	N	172259	83110.6	0	476321
FJettyLine2	N	173072	85001.7	0	486817
FJettyLine3	N	189082	71932.3	0	449296
FJettyLine4	N	197396	54353.9	44702.5	397946
FJettyLine5	N	197195	53090.3	55311.9	391806
FJettyLine6	N	189183	76789.8	0	500485
FJettyLine7	N	171439	114250	0	718989
FJettyLine8	N	171505	114238	0	718977
FJettyLine9	N	161953	119189	0	768662
FJettyLine10	N	160197	114970	0	733841
FJettyLine11	N	165990	76155.8	0	475043
FJettyLine12	N	174205	49979	29876.3	365650
FJettyLine13	N	171764	46483.7	36051.2	344187
FJettyLine14	N	173074	53991.9	1868.52	439711
FJettyLine15	N	169888	94537.2	0	639764
FJettyLine16	N	169888	94537.2	0	639764
FJettyFend1	N	98727.2	192557	0	1158070
FJettyFend2	N	91035.3	180155	0	1093140
FJettyFend3	N	91520	192579	0	1133060

loaded_120degN_RP100yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.48559	0.706875	0.81367	6.01527
yCOG_FSRU	m	-0.240344	0.280695	-1.13866	0.394858
zCOG_FSRU	m	9.20153	0.0999821	8.86032	9.52297
xREF_FSRU	m	-0.00349077	0.704938	-2.69015	2.53234
yREF_FSRU	m	-0.271472	0.293145	-1.35658	0.522258
zREF_FSRU	m	-10.7974	0.0946691	-11.1191	-10.4876
ROLL_FSRU	rad	-0.00162906	0.0100432	-0.037221	0.0321011
PITCH_FSRU	rad	7.21964E-06	0.0021317	-0.00771017	0.00746108
YAW_FSRU	rad	-0.000414595	0.00118312	-0.00457172	0.00363031
distManExc	m	0.767555	0.36579	0.0205613	2.68772
xManExc	m	-0.00439066	0.703428	-2.47865	2.67597
yManExc	m	0.234406	0.338217	-0.640918	1.20823
zManExc	m	0.0300581	0.240568	-0.840082	0.938747
WaveHeight-COG	m	-0.000778356	0.725055	-2.90246	2.82644
windSpeed	m/s	20.3956	2.20785	14.1471	26.657
FJettyLine1	N	179205	91909.3	0	551089
FJettyLine2	N	180236	94069.6	0	566185
FJettyLine3	N	199353	77976.4	0	492424
FJettyLine4	N	208316	64929.5	44719.3	498993
FJettyLine5	N	208295	62497.2	53829.8	478978
FJettyLine6	N	197871	93555.7	0	681855
FJettyLine7	N	175176	131348	0	896769
FJettyLine8	N	175271	131346	0	896399
FJettyLine9	N	170954	136705	0	1079920
FJettyLine10	N	168504	131602	0	1020230
FJettyLine11	N	176485	85209.5	0	589502
FJettyLine12	N	187484	61877.6	0	461741
FJettyLine13	N	183716	56915	2856.14	424352
FJettyLine14	N	184203	71834.8	0	476746
FJettyLine15	N	178089	111936	0	789346
FJettyLine16	N	178089	111936	0	789346
FJettyFend1	N	117917	232566	0	1600310
FJettyFend2	N	102452	208784	0	1342970
FJettyFend3	N	86027.7	193113	0	1286730

ballasted_120degN_RP100yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.06727	0.668907	1.69669	6.3859
yCOG_FSRU	m	-0.230651	0.237152	-1.135	0.31805
zCOG_FSRU	m	3.75447	0.0935907	3.43803	4.07469
xREF_FSRU	m	0.000177567	0.667778	-2.40287	2.33759
yREF_FSRU	m	-0.238336	0.251304	-1.22506	0.452436
zREF_FSRU	m	-9.34519	0.086708	-9.63417	-9.05339
ROLL_FSRU	rad	-0.000725576	0.00636852	-0.0216926	0.0198822
PITCH_FSRU	rad	8.14549E-06	0.00224743	-0.00797502	0.00798078
YAW_FSRU	rad	-0.000446674	0.00108143	-0.0043944	0.0032247
distManExc	m	0.673787	0.376556	0.00895572	2.37357
xManExc	m	-0.00879248	0.66751	-2.29887	2.33799
yManExc	m	0.229852	0.269639	-0.588136	1.13612
zManExc	m	0.00987537	0.156532	-0.575986	0.578347
WaveHeight-COG	m	-0.000718918	0.725207	-2.90916	2.84389
windSpeed	m/s	20.3956	2.20785	14.1471	26.657
FJettyLine1	N	177373	87846.3	0	527985
FJettyLine2	N	178354	89912	0	541820
FJettyLine3	N	196264	75333.6	0	513625
FJettyLine4	N	204712	59339	34798.3	431745
FJettyLine5	N	204563	57436.2	46880.7	426685
FJettyLine6	N	194886	86685.7	0	603285
FJettyLine7	N	174083	124532	0	849878
FJettyLine8	N	174163	124532	0	849926
FJettyLine9	N	167909	129042	0	930705
FJettyLine10	N	165776	124259	0	879901
FJettyLine11	N	172197	80425.2	0	548352
FJettyLine12	N	181488	53088.6	16346.7	447620
FJettyLine13	N	178376	49239.8	22185	415680
FJettyLine14	N	178962	60838.9	0	428932
FJettyLine15	N	174577	103180	0	720560
FJettyLine16	N	174577	103180	0	720560
FJettyFend1	N	97645.6	201234	0	1440400
FJettyFend2	N	88263.9	183606	0	1169190
FJettyFend3	N	83979.8	183634	0	1195480

loaded_150degN_RP1yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.48195	0.189086	2.72341	4.15804
yCOG_FSRU	m	0.0571721	0.0162987	0.00609007	0.108511
zCOG_FSRU	m	9.20102	0.0453942	9.04313	9.3649
xREF_FSRU	m	-0.00721593	0.188927	-0.781328	0.667018
yREF_FSRU	m	0.0857508	0.0327065	-0.0265965	0.189691
zREF_FSRU	m	-10.7989	0.0427566	-10.9487	-10.6442
ROLL_FSRU	rad	0.00142369	0.0013969	-0.00342875	0.00624062
PITCH_FSRU	rad	8.41808E-06	0.00105467	-0.00350377	0.00362428
YAW_FSRU	rad	-2.95363E-05	0.000341637	-0.00154121	0.00126355
distManExc	m	0.183612	0.102535	0.00701609	0.766774
xManExc	m	0.00641058	0.189074	-0.676063	0.763197
yManExc	m	-0.0403813	0.0211567	-0.105351	0.0174905
zManExc	m	-0.0276703	0.0747859	-0.281355	0.271015
WaveHeight-COG	m	-0.000100994	0.450933	-1.81277	1.71244
windSpeed	m/s	15.396	1.70828	10.6868	20.1077
FJettyLine1	N	146123	23369.9	61332.6	246771
FJettyLine2	N	145983	24011	59221.5	249013
FJettyLine3	N	141929	18569	73178.7	224249
FJettyLine4	N	139428	10201.2	101130	176503
FJettyLine5	N	139353	9969.31	101587	173415
FJettyLine6	N	141082	18606.5	65796.1	215276
FJettyLine7	N	146578	32137.5	12733.2	272445
FJettyLine8	N	146550	32126	12751.5	272383
FJettyLine9	N	148966	34089.4	20677.3	296244
FJettyLine10	N	149077	32910	24105.3	290606
FJettyLine11	N	142426	21912.5	58947.4	233318
FJettyLine12	N	137913	12817.3	87338.3	186639
FJettyLine13	N	139026	12159.5	91187.5	184950
FJettyLine14	N	138263	12064.9	76440.5	181719
FJettyLine15	N	141734	25459.3	28253.4	230594
FJettyLine16	N	141734	25459.3	28253.4	230594
FJettyFend1	N	338618	64350.9	120279	592962
FJettyFend2	N	336086	51429	185245	499401
FJettyFend3	N	329897	79375.7	72397	572390

ballasted_150degN_RP1yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.06109	0.16582	3.47053	4.64509
yCOG_FSRU	m	0.0636777	0.0213638	-0.0133369	0.147366
zCOG_FSRU	m	3.75415	0.0447021	3.59727	3.91468
xREF_FSRU	m	-0.00601082	0.165672	-0.604937	0.581696
yREF_FSRU	m	0.0637698	0.0507209	-0.118498	0.2887
zREF_FSRU	m	-9.34574	0.0412808	-9.49076	-9.19635
ROLL_FSRU	rad	-4.46297E-06	0.00311214	-0.0125365	0.0131086
PITCH_FSRU	rad	8.17163E-06	0.00109895	-0.00354157	0.00370952
YAW_FSRU	rad	-3.67459E-05	0.000267571	-0.00118148	0.000924932
distManExc	m	0.181644	0.0887243	0.00435455	0.628287
xManExc	m	0.00508089	0.167089	-0.580753	0.586992
yManExc	m	-0.0626835	0.0574556	-0.301776	0.176044
zManExc	m	-0.00375188	0.0753486	-0.286867	0.277272
WaveHeight-COG	m	-0.000107541	0.450957	-1.81306	1.69044
windSpeed	m/s	15.396	1.70828	10.6868	20.1077
FJettyLine1	N	146122	20562.1	74204.4	224060
FJettyLine2	N	145989	21131.1	72365.7	226044
FJettyLine3	N	142189	16581.3	90377.5	207782
FJettyLine4	N	139904	9506.3	97463.5	181479
FJettyLine5	N	139906	9279.98	100485	179785
FJettyLine6	N	141647	16444.5	83707.5	207787
FJettyLine7	N	147118	28060.2	43756.8	253046
FJettyLine8	N	147100	28050.2	43812.2	253012
FJettyLine9	N	149088	29840.9	41803.1	264641
FJettyLine10	N	149187	28801.8	44784.7	260152
FJettyLine11	N	142924	19128.1	78466.2	215985
FJettyLine12	N	138674	10543.4	103503	178281
FJettyLine13	N	139697	10048.6	106212	176747
FJettyLine14	N	138807	9436.25	101300	172897
FJettyLine15	N	142225	21989.7	59199.5	225477
FJettyLine16	N	142225	21989.7	59199.5	225477
FJettyFend1	N	341456	43385.1	191141	516581
FJettyFend2	N	338278	49055.2	171930	503008
FJettyFend3	N	330509	90354.9	0	693576

loaded_150degN_RP5yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.42825	0.363725	1.92905	4.86106
yCOG_FSRU	m	0.0459595	0.0254838	-0.033309	0.151611
zCOG_FSRU	m	9.20111	0.0651715	8.96855	9.43078
xREF_FSRU	m	-0.0609029	0.362848	-1.54918	1.36567
yREF_FSRU	m	0.0624441	0.0491815	-0.0943888	0.225212
zREF_FSRU	m	-10.7988	0.0615992	-11.0191	-10.582
ROLL_FSRU	rad	0.000796903	0.00214598	-0.00604943	0.00809794
PITCH_FSRU	rad	7.46521E-06	0.0014329	-0.00500771	0.00483974
YAW_FSRU	rad	-0.000155605	0.000566756	-0.00223152	0.00201646
distManExc	m	0.319179	0.216317	0.00261629	1.5505
xManExc	m	0.0577565	0.362701	-1.37615	1.54964
yManExc	m	-0.0327343	0.0327006	-0.153457	0.0796705
zManExc	m	-0.0159296	0.106704	-0.359439	0.365158
WaveHeight-COG	m	-0.000489639	0.572132	-2.31742	2.19959
windSpeed	m/s	17.9957	1.97082	12.4821	23.5204
FJettyLine1	N	155369	46087.2	0	383601
FJettyLine2	N	155506	47229	0	389242
FJettyLine3	N	151069	35315.1	21695.5	322358
FJettyLine4	N	144153	16154.6	74271.8	200995
FJettyLine5	N	144598	15656.6	74403.4	200137
FJettyLine6	N	140310	35309.9	0	287138
FJettyLine7	N	139645	62637.5	0	460905
FJettyLine8	N	139629	62613.5	0	460694
FJettyLine9	N	160120	68993.6	0	556822
FJettyLine10	N	159560	66545.6	0	537281
FJettyLine11	N	148861	42780	0	346809
FJettyLine12	N	141296	23238.8	46251	232342
FJettyLine13	N	142241	22124.6	50866.1	229666
FJettyLine14	N	135886	22140.1	42996.8	216660
FJettyLine15	N	134840	49653.4	0	346151
FJettyLine16	N	134840	49653.4	0	346151
FJettyFend1	N	317680	108451	0	777996
FJettyFend2	N	304282	82746.8	52219.4	636995
FJettyFend3	N	271973	121023	0	769938

ballasted_150degN_RP5yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.00815	0.26641	3.0893	4.74906
yCOG_FSRU	m	0.0489765	0.0326445	-0.0720274	0.167806
zCOG_FSRU	m	3.75422	0.0631293	3.5287	3.97254
xREF_FSRU	m	-0.0589489	0.266034	-0.989172	0.681152
yREF_FSRU	m	0.0481356	0.0867759	-0.233924	0.36202
zREF_FSRU	m	-9.34554	0.0584933	-9.55505	-9.1442
ROLL_FSRU	rad	-0.000114282	0.00543714	-0.0182144	0.0181467
PITCH_FSRU	rad	7.90619E-06	0.00149426	-0.00538543	0.00510695
YAW_FSRU	rad	-0.000160747	0.000425149	-0.00194796	0.00150749
distManExc	m	0.281699	0.142143	0.00706065	0.981341
xManExc	m	0.0556994	0.267616	-0.691492	0.96727
yManExc	m	-0.0464679	0.0977575	-0.365548	0.288962
zManExc	m	-0.00155966	0.114542	-0.43865	0.467979
WaveHeight-COG	m	-0.000452556	0.572204	-2.31859	2.17971
windSpeed	m/s	17.9957	1.97082	12.4821	23.5204
FJettyLine1	N	155022	33304.6	56474.2	272060
FJettyLine2	N	155152	34208.5	54266.6	274686
FJettyLine3	N	151088	26358.1	63989.9	241969
FJettyLine4	N	144467	14350.3	84804.2	194662
FJettyLine5	N	144947	13956.4	87390.1	196809
FJettyLine6	N	140858	26282.5	41147.1	235068
FJettyLine7	N	139402	45846.6	0	278129
FJettyLine8	N	139394	45829.5	0	278093
FJettyLine9	N	158825	49247.7	18133	357693
FJettyLine10	N	158488	47468.1	21561.3	347969
FJettyLine11	N	148943	30943	55942.4	260100
FJettyLine12	N	141693	17112.7	85797.2	199597
FJettyLine13	N	142583	16282.2	89650.9	197317
FJettyLine14	N	136289	15683.9	67034.2	187081
FJettyLine15	N	135151	35968	5763.23	241275
FJettyLine16	N	135151	35968	5763.23	241275
FJettyFend1	N	318792	76946.1	0	656406
FJettyFend2	N	304898	78445.1	18241.7	621646
FJettyFend3	N	272093	131474	0	780353

loaded_150degN_RP10yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.40399	0.478718	1.57411	5.02973
yCOG_FSRU	m	0.0409395	0.0318757	-0.0547195	0.169189
zCOG_FSRU	m	9.20116	0.0813481	8.91853	9.46376
xREF_FSRU	m	-0.0851693	0.477528	-1.94555	1.55032
yREF_FSRU	m	0.0525646	0.059729	-0.169719	0.258438
zREF_FSRU	m	-10.7987	0.0770185	-11.0657	-10.5524
ROLL_FSRU	rad	0.000544085	0.00266565	-0.00958308	0.00969215
PITCH_FSRU	rad	7.50078E-06	0.00172492	-0.00617981	0.00605949
YAW_FSRU	rad	-0.000211667	0.00072472	-0.0031343	0.00282335
distManExc	m	0.419809	0.278996	0.0078575	1.87842
xManExc	m	0.080971	0.477069	-1.53292	1.87484
yManExc	m	-0.0289932	0.0409748	-0.19957	0.129887
zManExc	m	-0.0111814	0.131464	-0.46873	0.458539
WaveHeight-COG	m	-0.000701893	0.626707	-2.50683	2.41844
windSpeed	m/s	18.9957	2.07019	13.1785	24.8295
FJettyLine1	N	159983	61580.5	0	440451
FJettyLine2	N	160247	63032.7	0	449097
FJettyLine3	N	155487	46682.6	0	346071
FJettyLine4	N	146324	19876.7	61672.5	226283
FJettyLine5	N	147011	19151.8	63687.2	223664
FJettyLine6	N	140012	46583.6	0	298115
FJettyLine7	N	138171	81661.9	0	512618
FJettyLine8	N	138158	81631	0	512269
FJettyLine9	N	167231	92739.6	0	702166
FJettyLine10	N	166082	89449.9	0	672950
FJettyLine11	N	152022	56950.4	0	395165
FJettyLine12	N	142851	30641.6	27840.1	259681
FJettyLine13	N	143713	29167.8	35311.8	254107
FJettyLine14	N	134754	29498.6	8278.89	230914
FJettyLine15	N	132281	64967.3	0	377199
FJettyLine16	N	132281	64967.3	0	377199
FJettyFend1	N	309154	144159	0	950701
FJettyFend2	N	290376	107751	0	749873
FJettyFend3	N	248307	139892	0	763568

ballasted_150degN_RP10yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.98443	0.368933	2.44254	5.39419
yCOG_FSRU	m	0.0423195	0.0385125	-0.0898522	0.162351
zCOG_FSRU	m	3.75426	0.0771745	3.49037	4.00376
xREF_FSRU	m	-0.082663	0.368391	-1.62594	1.32595
yREF_FSRU	m	0.0410962	0.10657	-0.323065	0.388806
zREF_FSRU	m	-9.34539	0.0715811	-9.59152	-9.11667
ROLL_FSRU	rad	-0.000161309	0.00670551	-0.0206938	0.019914
PITCH_FSRU	rad	8.13708E-06	0.00180876	-0.00656716	0.00634096
YAW_FSRU	rad	-0.000217952	0.000552666	-0.00231974	0.00182747
distManExc	m	0.362782	0.215486	0.0117275	1.59282
xManExc	m	0.0783383	0.369674	-1.3523	1.58931
yManExc	m	-0.0389861	0.119447	-0.429182	0.368133
zManExc	m	-0.000553109	0.139503	-0.517451	0.570121
WaveHeight-COG	m	-0.000653111	0.626704	-2.51101	2.42144
windSpeed	m/s	18.9957	2.07019	13.1785	24.8295
FJettyLine1	N	159379	47208.5	2245.16	410888
FJettyLine2	N	159629	48389	0	418350
FJettyLine3	N	155347	36457.6	43133.4	354104
FJettyLine4	N	146649	17194.7	78025.6	213857
FJettyLine5	N	147352	16641.7	82233.6	206727
FJettyLine6	N	140550	36009.9	8850.18	325457
FJettyLine7	N	136764	63636.1	0	465996
FJettyLine8	N	136759	63613.1	0	465819
FJettyLine9	N	164508	70495.9	0	582314
FJettyLine10	N	163757	67936.9	0	560705
FJettyLine11	N	151833	43744.9	0	358695
FJettyLine12	N	143086	23831.3	34932.6	239555
FJettyLine13	N	143911	22656.4	40383.7	234801
FJettyLine14	N	135135	22084	23778	204354
FJettyLine15	N	132157	50164.9	0	324728
FJettyLine16	N	132157	50164.9	0	324728
FJettyFend1	N	308888	108132	0	815189
FJettyFend2	N	289959	98864.8	0	674118
FJettyFend3	N	248258	146012	0	765853

loaded_150degN_RP25yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.37165	0.594569	1.32427	5.37076
yCOG_FSRU	m	0.0335563	0.0355866	-0.0875325	0.176041
zCOG_FSRU	m	9.20116	0.0893982	8.8886	9.49428
xREF_FSRU	m	-0.117518	0.592982	-2.19168	1.91209
yREF_FSRU	m	0.0399243	0.0689917	-0.233324	0.27445
zREF_FSRU	m	-10.7987	0.0846338	-11.0942	-10.5241
ROLL_FSRU	rad	0.000266402	0.00316722	-0.010668	0.0113706
PITCH_FSRU	rad	7.41276E-06	0.00190354	-0.00684613	0.00666414
YAW_FSRU	rad	-0.000296495	0.000833373	-0.00373328	0.00331994
distManExc	m	0.511793	0.354024	0.0038837	2.12154
xManExc	m	0.111721	0.592101	-1.86646	2.11931
yManExc	m	-0.0223781	0.0476008	-0.194705	0.136763
zManExc	m	-0.00591904	0.146285	-0.518166	0.502415
WaveHeight-COG	m	-0.000628423	0.701936	-2.81213	2.70065
windSpeed	m/s	20.1956	2.18829	14.0088	26.3963
FJettyLine1	N	166883	77846.4	0	508822
FJettyLine2	N	167398	79604.7	0	522133
FJettyLine3	N	161772	58868.6	0	411693
FJettyLine4	N	149502	22907	52043.1	236970
FJettyLine5	N	150496	22005.3	52474.4	231221
FJettyLine6	N	140048	57715.2	0	391939
FJettyLine7	N	138519	99876.5	0	645419
FJettyLine8	N	138508	99837.6	0	644973
FJettyLine9	N	179138	118439	0	803284
FJettyLine10	N	177217	114025	0	766992
FJettyLine11	N	156751	70786.3	0	433074
FJettyLine12	N	144754	37094	0	266945
FJettyLine13	N	145513	35415.8	8697.93	261390
FJettyLine14	N	133072	35689.8	0	240948
FJettyLine15	N	130314	78094.9	0	449247
FJettyLine16	N	130314	78094.9	0	449247
FJettyFend1	N	297940	159268	0	995683
FJettyFend2	N	271415	118134	0	771143
FJettyFend3	N	217739	150902	0	754491

ballasted_150degN_RP25yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.95219	0.444593	2.12236	5.62396
yCOG_FSRU	m	0.0326926	0.0441692	-0.11686	0.191929
zCOG_FSRU	m	3.75424	0.0850538	3.46074	4.02774
xREF_FSRU	m	-0.114907	0.443875	-1.94982	1.56399
yREF_FSRU	m	0.0310336	0.111581	-0.337272	0.388648
zREF_FSRU	m	-9.34539	0.0788958	-9.6181	-9.09285
ROLL_FSRU	rad	-0.000220669	0.00690293	-0.0210042	0.0206948
PITCH_FSRU	rad	8.2463E-06	0.0019907	-0.00729616	0.00696681
YAW_FSRU	rad	-0.000301934	0.00061207	-0.00294128	0.00189557
distManExc	m	0.424477	0.26152	0.00359532	1.91605
xManExc	m	0.109003	0.445075	-1.56541	1.91015
yManExc	m	-0.0281639	0.12529	-0.493404	0.41574
zManExc	m	0.00061963	0.148691	-0.514629	0.557835
WaveHeight-COG	m	-0.000592255	0.701966	-2.8164	2.69482
windSpeed	m/s	20.1956	2.18829	14.0088	26.3963
FJettyLine1	N	165454	57562	0	463944
FJettyLine2	N	165875	58938.6	0	473808
FJettyLine3	N	161349	44042.5	19219.9	381483
FJettyLine4	N	149805	19784.5	73417.4	227240
FJettyLine5	N	150795	19073.4	77363.2	226378
FJettyLine6	N	140342	43585.6	0	347967
FJettyLine7	N	133528	75736.9	0	538359
FJettyLine8	N	133527	75711.2	0	538070
FJettyLine9	N	172273	87063.9	0	724229
FJettyLine10	N	171050	83824.6	0	692836
FJettyLine11	N	155781	52930.5	0	424009
FJettyLine12	N	144887	27662.5	17226.8	265191
FJettyLine13	N	145629	26383.4	23684	260714
FJettyLine14	N	133500	25621.8	8483.9	213049
FJettyLine15	N	128265	59781	0	373621
FJettyLine16	N	128265	59781	0	373621
FJettyFend1	N	294166	114450	0	817995
FJettyFend2	N	268077	109699	0	696043
FJettyFend3	N	217421	157767	0	884476

loaded_150degN_RP50yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.34817	0.676875	0.867103	5.51521
yCOG_FSRU	m	0.0276649	0.044403	-0.142116	0.236716
zCOG_FSRU	m	9.20123	0.0986086	8.85879	9.51755
xREF_FSRU	m	-0.141004	0.675057	-2.66165	2.03856
yREF_FSRU	m	0.0295093	0.080983	-0.232557	0.368291
zREF_FSRU	m	-10.7986	0.093355	-11.1237	-10.4987
ROLL_FSRU	rad	2.90983E-05	0.00378637	-0.013942	0.0137001
PITCH_FSRU	rad	7.25907E-06	0.0020953	-0.00749837	0.00734386
YAW_FSRU	rad	-0.000359996	0.000964864	-0.00489982	0.00373504
distManExc	m	0.592386	0.389314	0.00529067	2.55818
xManExc	m	0.134012	0.673682	-2.01786	2.55594
yManExc	m	-0.0173689	0.0605849	-0.256787	0.196114
zManExc	m	-0.0014732	0.163421	-0.658141	0.569223
WaveHeight-COG	m	-0.000589647	0.750676	-3.00271	2.88066
windSpeed	m/s	21.0955	2.27605	14.6321	27.5686
FJettyLine1	N	172407	89644.1	0	606886
FJettyLine2	N	173114	91683.7	0	623862
FJettyLine3	N	166795	68335.5	0	519613
FJettyLine4	N	152018	26251.7	39974.5	248354
FJettyLine5	N	153251	25325.2	43008.7	241703
FJettyLine6	N	140326	65443.9	0	403171
FJettyLine7	N	139019	112451	0	697349
FJettyLine8	N	139011	112406	0	696891
FJettyLine9	N	188148	137896	0	1013080
FJettyLine10	N	185611	132567	0	957769
FJettyLine11	N	160432	80933.6	0	507544
FJettyLine12	N	146352	42282.6	0	299906
FJettyLine13	N	147011	40390.1	0	292902
FJettyLine14	N	132017	41027.3	0	272533
FJettyLine15	N	129225	87720	0	478052
FJettyLine16	N	129225	87720	0	478052
FJettyFend1	N	291187	184225	0	1269000
FJettyFend2	N	257132	140651	0	960557
FJettyFend3	N	199066	166059	0	915459

ballasted_150degN_RP50yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.92957	0.553963	1.60267	6.05134
yCOG_FSRU	m	0.0255156	0.0526742	-0.171174	0.205681
zCOG_FSRU	m	3.75429	0.0933123	3.43582	4.05888
xREF_FSRU	m	-0.137525	0.553058	-2.4632	1.9786
yREF_FSRU	m	0.0235221	0.123079	-0.377465	0.426337
zREF_FSRU	m	-9.34527	0.0865354	-9.64193	-9.06667
ROLL_FSRU	rad	-0.000266803	0.00750848	-0.0243449	0.0232825
PITCH_FSRU	rad	8.55829E-06	0.00219687	-0.0079796	0.00779021
YAW_FSRU	rad	-0.00036811	0.000723689	-0.00323114	0.00230781
distManExc	m	0.507617	0.334755	0.00607437	2.43985
xManExc	m	0.130375	0.553581	-2.01312	2.42888
yManExc	m	-0.0199693	0.138534	-0.511144	0.44958
zManExc	m	0.00153607	0.163379	-0.636535	0.684795
WaveHeight-COG	m	-0.000522648	0.75071	-3.01383	2.89561
windSpeed	m/s	21.0955	2.27605	14.6321	27.5686
FJettyLine1	N	170720	73209.6	0	573872
FJettyLine2	N	171322	74926.6	0	589594
FJettyLine3	N	166224	55904	0	462223
FJettyLine4	N	152380	22942.2	68276.8	249637
FJettyLine5	N	153580	22102.4	73205.4	234884
FJettyLine6	N	140660	54143.6	0	414893
FJettyLine7	N	134531	93108.4	0	705013
FJettyLine8	N	134531	93075.4	0	704673
FJettyLine9	N	181341	111767	0	952817
FJettyLine10	N	179464	107444	0	900808
FJettyLine11	N	159183	66065.5	0	518789
FJettyLine12	N	146155	34016.7	0	287737
FJettyLine13	N	146828	32521.5	0	282956
FJettyLine14	N	132252	32062.5	0	236460
FJettyLine15	N	127182	72372.9	0	452271
FJettyLine16	N	127182	72372.9	0	452271
FJettyFend1	N	285217	141568	0	1071610
FJettyFend2	N	253818	131716	0	838629
FJettyFend3	N	199221	172971	0	947652

loaded_150degN_RP100yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.32433	0.812545	0.417207	5.87514
yCOG_FSRU	m	0.0203646	0.0575248	-0.183955	0.281756
zCOG_FSRU	m	9.20129	0.10742	8.82959	9.54599
xREF_FSRU	m	-0.164844	0.810296	-3.09661	2.43615
yREF_FSRU	m	0.0188265	0.100301	-0.324779	0.44028
zREF_FSRU	m	-10.7984	0.101685	-11.1488	-10.4688
ROLL_FSRU	rad	-0.000152423	0.00469438	-0.0152657	0.0166721
PITCH_FSRU	rad	6.58139E-06	0.00228838	-0.00819234	0.00811991
YAW_FSRU	rad	-0.000430792	0.00124275	-0.00509774	0.00375657
distManExc	m	0.713953	0.456728	0.00462348	3.05163
xManExc	m	0.156534	0.808727	-2.40733	3.03772
yManExc	m	-0.0100904	0.0791978	-0.263159	0.253848
zManExc	m	0.00192394	0.182783	-0.643687	0.735135
WaveHeight-COG	m	-0.000766914	0.798876	-3.1926	3.06819
windSpeed	m/s	21.8955	2.35348	15.188	28.6086
FJettyLine1	N	179620	109140	0	672059
FJettyLine2	N	180643	111729	0	691047
FJettyLine3	N	173061	83724.4	0	586049
FJettyLine4	N	155147	33977.6	29029.4	294468
FJettyLine5	N	156615	32510.3	38139.6	278997
FJettyLine6	N	141747	80664.1	0	552899
FJettyLine7	N	144915	135324	0	871197
FJettyLine8	N	144905	135271	0	870764
FJettyLine9	N	203305	170607	0	1232800
FJettyLine10	N	199657	163525	0	1161350
FJettyLine11	N	166103	96348.9	0	608231
FJettyLine12	N	148212	51479.1	0	336135
FJettyLine13	N	148708	49233	0	323936
FJettyLine14	N	131198	50516.3	0	281089
FJettyLine15	N	131306	102589	0	606450
FJettyLine16	N	131306	102589	0	606450
FJettyFend1	N	291109	224558	0	1420060
FJettyFend2	N	246151	170815	0	1137010
FJettyFend3	N	190385	186287	0	962325

ballasted_150degN_RP100yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.90656	0.697361	1.26871	6.30372
yCOG_FSRU	m	0.0185091	0.0626379	-0.241791	0.271518
zCOG_FSRU	m	3.75433	0.101138	3.41132	4.09553
xREF_FSRU	m	-0.160527	0.696186	-2.79279	2.23063
yREF_FSRU	m	0.0163937	0.136864	-0.461838	0.567248
zREF_FSRU	m	-9.34516	0.0937394	-9.6606	-9.03486
ROLL_FSRU	rad	-0.000297625	0.00819997	-0.0274779	0.0272588
PITCH_FSRU	rad	8.34956E-06	0.00240834	-0.00867402	0.00855602
YAW_FSRU	rad	-0.000437247	0.000865277	-0.00462409	0.00254194
distManExc	m	0.620681	0.422301	0.0151484	2.77156
xManExc	m	0.152095	0.696175	-2.28459	2.76381
yManExc	m	-0.011568	0.153142	-0.594745	0.534152
zManExc	m	0.00218433	0.179441	-0.68247	0.682319
WaveHeight-COG	m	-0.000658506	0.798904	-3.19877	3.09715
windSpeed	m/s	21.8955	2.35348	15.188	28.6086
FJettyLine1	N	177392	93103	0	651782
FJettyLine2	N	178284	95318.1	0	670411
FJettyLine3	N	171754	71071	0	530821
FJettyLine4	N	155136	26996.4	65105.8	269992
FJettyLine5	N	156549	25725.5	72204.1	257551
FJettyLine6	N	141711	68280.9	0	519802
FJettyLine7	N	139073	117017	0	824201
FJettyLine8	N	139070	116976	0	823907
FJettyLine9	N	194858	146495	0	1116200
FJettyLine10	N	192001	140378	0	1053340
FJettyLine11	N	163897	83141.4	0	602745
FJettyLine12	N	147542	42533.9	0	312671
FJettyLine13	N	148126	40743.8	0	305005
FJettyLine14	N	131034	40395.4	0	261401
FJettyLine15	N	128227	88459.6	0	505837
FJettyLine16	N	128227	88459.6	0	505837
FJettyFend1	N	280324	173851	0	1174100
FJettyFend2	N	243548	154760	0	976132
FJettyFend3	N	187900	183835	0	1028490

loaded_180degN_RP1yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.48369	0.163085	2.91331	4.04065
yCOG_FSRU	m	0.104532	0.0093674	0.0770518	0.147597
zCOG_FSRU	m	9.20094	0.0375743	9.06718	9.33514
xREF_FSRU	m	-0.00553738	0.162888	-0.598643	0.532832
yREF_FSRU	m	0.158212	0.0172656	0.0884483	0.239013
zREF_FSRU	m	-10.7989	0.0352154	-10.9257	-10.6719
ROLL_FSRU	rad	0.00275084	0.000854904	-0.00130418	0.00657878
PITCH_FSRU	rad	1.01481E-05	0.00093118	-0.00322053	0.00315408
YAW_FSRU	rad	0.000383735	0.00026277	-0.000627144	0.00162471
distManExc	m	0.184818	0.079773	0.0492593	0.598002
xManExc	m	0.0124544	0.163075	-0.578505	0.580784
yManExc	m	-0.0841098	0.0123421	-0.150502	-0.04449
zManExc	m	-0.0526043	0.0614746	-0.261323	0.167433
WaveHeight-COG	m	-3.18512E-05	0.449884	-1.80904	1.70987
windSpeed	m/s	14.0961	1.5747	9.79818	18.4048
FJettyLine1	N	136944	20032.6	70799	216267
FJettyLine2	N	136469	20585.7	68722.9	218048
FJettyLine3	N	125873	15727.2	72176.3	190929
FJettyLine4	N	120292	7741.34	87538.6	149296
FJettyLine5	N	120305	7555.76	85678.4	147240
FJettyLine6	N	126216	15716.8	69882.9	191313
FJettyLine7	N	141897	27471.3	43756.4	247062
FJettyLine8	N	141839	27462	43726.8	247015
FJettyLine9	N	149390	29070.5	42962.5	256621
FJettyLine10	N	149574	28062.8	46077.8	252620
FJettyLine11	N	142274	18568.5	66755.6	204416
FJettyLine12	N	137576	10507.3	90775.6	173912
FJettyLine13	N	138814	9995.51	94625.9	173135
FJettyLine14	N	138652	10267.8	93520.6	175715
FJettyLine15	N	142107	21960.3	52321.5	215532
FJettyLine16	N	142107	21960.3	52321.5	215532
FJettyFend1	N	429349	45026.8	263021	638300
FJettyFend2	N	462421	30208	367704	610543
FJettyFend3	N	543288	50395.3	360231	750880

ballasted_180degN_RP1yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.06266	0.112057	3.6895	4.46693
yCOG_FSRU	m	0.117573	0.0125188	0.0742865	0.179336
zCOG_FSRU	m	3.75412	0.0380514	3.62004	3.89199
xREF_FSRU	m	-0.00446092	0.111983	-0.382541	0.405508
yREF_FSRU	m	0.120095	0.0515993	-0.0551313	0.331359
zREF_FSRU	m	-9.34576	0.0349673	-9.46974	-9.21831
ROLL_FSRU	rad	0.000308188	0.00341613	-0.0113939	0.0130381
PITCH_FSRU	rad	9.29411E-06	0.000983061	-0.00342765	0.0032256
YAW_FSRU	rad	0.000372729	0.000179743	-0.000367469	0.00106812
distManExc	m	0.181561	0.0637011	0.0053198	0.436767
xManExc	m	0.0112302	0.114194	-0.381737	0.396032
yManExc	m	-0.121833	0.0581227	-0.329724	0.0847323
zManExc	m	-0.00958194	0.0744486	-0.303101	0.270914
WaveHeight-COG	m	-3.14778E-05	0.44985	-1.80208	1.67321
windSpeed	m/s	14.0961	1.5747	9.79818	18.4048
FJettyLine1	N	137100	13708.3	87164.5	185505
FJettyLine2	N	136643	14086.5	85401.8	186416
FJettyLine3	N	126464	10866.4	88321.9	167242
FJettyLine4	N	121148	6144.28	95963.1	142783
FJettyLine5	N	121307	5970.52	97879.4	143410
FJettyLine6	N	127159	11223	88572.1	168517
FJettyLine7	N	142742	18914.7	78159.6	211381
FJettyLine8	N	142702	18909.1	78107	211303
FJettyLine9	N	149848	20012.5	77001.7	219120
FJettyLine10	N	149993	19325.3	79456.9	216520
FJettyLine11	N	143342	13156.9	95551.4	186650
FJettyLine12	N	139110	7878.03	107773	169395
FJettyLine13	N	140176	7454.9	110540	168545
FJettyLine14	N	139685	6908.07	112361	164557
FJettyLine15	N	142908	14874.8	87790.8	197922
FJettyLine16	N	142908	14874.8	87790.8	197922
FJettyFend1	N	433700	32745.9	300088	577334
FJettyFend2	N	465811	29728.5	360557	610985
FJettyFend3	N	544330	49448.7	359473	744620

loaded_180degN_RP5yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.42327	0.389393	1.84785	4.82896
yCOG_FSRU	m	0.11044	0.0196303	0.0463264	0.198074
zCOG_FSRU	m	9.20097	0.0683884	8.959	9.44438
xREF_FSRU	m	-0.0659517	0.388382	-1.67336	1.32229
yREF_FSRU	m	0.161205	0.0330749	0.0243558	0.30482
zREF_FSRU	m	-10.7989	0.0645799	-11.0281	-10.5691
ROLL_FSRU	rad	0.00260837	0.0016455	-0.00491029	0.0105453
PITCH_FSRU	rad	9.88089E-06	0.00152145	-0.00517984	0.00515992
YAW_FSRU	rad	0.000403341	0.000506061	-0.00181049	0.00236716
distManExc	m	0.361531	0.220945	0.0216545	1.61058
xManExc	m	0.0732673	0.388226	-1.35038	1.6064
yManExc	m	-0.0921334	0.0255077	-0.203838	0.00432525
zManExc	m	-0.0499357	0.108632	-0.39934	0.350378
WaveHeight-COG	m	-0.000138018	0.622835	-2.51622	2.36874
windSpeed	m/s	16.3959	1.80997	11.3746	21.419
FJettyLine1	N	143527	49062.5	0	384297
FJettyLine2	N	143259	50231.6	0	389865
FJettyLine3	N	129524	37175.2	0	300488
FJettyLine4	N	118056	14090.7	58910.9	173460
FJettyLine5	N	118708	13526.6	61085.1	171849
FJettyLine6	N	118976	37212.1	0	271401
FJettyLine7	N	132234	66218.1	0	444634
FJettyLine8	N	132177	66189.3	0	444379
FJettyLine9	N	162667	74178.3	0	584111
FJettyLine10	N	162075	71533.7	0	563103
FJettyLine11	N	149515	45621.8	0	343399
FJettyLine12	N	141255	23872.8	35461.5	230256
FJettyLine13	N	142354	22798.1	40959.8	227489
FJettyLine14	N	136075	22747	18949.8	224251
FJettyLine15	N	134423	52906.7	0	337198
FJettyLine16	N	134423	52906.7	0	337198
FJettyFend1	N	441818	97259.8	118729	880031
FJettyFend2	N	476605	66851.7	260039	775411
FJettyFend3	N	561667	91430.3	223765	941063

ballasted_180degN_RP5yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.00318	0.30386	2.9436	4.90766
yCOG_FSRU	m	0.122498	0.0232549	0.0220388	0.22082
zCOG_FSRU	m	3.75414	0.0667033	3.51599	3.98811
xREF_FSRU	m	-0.0639356	0.30336	-1.13586	0.846983
yREF_FSRU	m	0.124983	0.0972494	-0.232196	0.525038
zREF_FSRU	m	-9.34553	0.0617368	-9.56523	-9.12871
ROLL_FSRU	rad	0.000312022	0.0063995	-0.0230985	0.0242266
PITCH_FSRU	rad	9.54996E-06	0.00159214	-0.00564333	0.00534342
YAW_FSRU	rad	0.000394878	0.000352164	-0.0013452	0.00169914
distManExc	m	0.340348	0.163796	0.0064962	1.13852
xManExc	m	0.0711382	0.304844	-0.842177	1.11981
yManExc	m	-0.127001	0.1086	-0.546752	0.273485
zManExc	m	-0.00939005	0.12909	-0.531272	0.522956
WaveHeight-COG	m	-0.000114218	0.622976	-2.51997	2.35678
windSpeed	m/s	16.3959	1.80997	11.3746	21.419
FJettyLine1	N	143434	37762.9	28964.2	283026
FJettyLine2	N	143155	38745.9	26407.9	285745
FJettyLine3	N	130115	28568.7	35841.5	239104
FJettyLine4	N	118886	10583.2	72096.1	162243
FJettyLine5	N	119666	10086.2	77387.3	162939
FJettyLine6	N	120154	28819.1	9519.9	209792
FJettyLine7	N	132087	52415.2	0	298550
FJettyLine8	N	132048	52395.3	0	298437
FJettyLine9	N	161555	56905.1	0	401006
FJettyLine10	N	161151	54835.5	0	390016
FJettyLine11	N	150390	35348.4	28716.3	279134
FJettyLine12	N	142746	18915.4	67907.7	208678
FJettyLine13	N	143675	18025.1	72803.8	205503
FJettyLine14	N	137193	17490.9	62708.7	195413
FJettyLine15	N	135115	41272.1	0	267641
FJettyLine16	N	135115	41272.1	0	267641
FJettyFend1	N	445339	76270.9	152588	830988
FJettyFend2	N	479309	62529.7	222588	764059
FJettyFend3	N	562373	83552.8	230051	911130

loaded_180degN_RP10yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.39796	0.487745	1.50076	5.2541
yCOG_FSRU	m	0.113098	0.023971	0.034616	0.223907
zCOG_FSRU	m	9.20104	0.0770784	8.92657	9.4711
xREF_FSRU	m	-0.0912592	0.486389	-1.95746	1.7615
yREF_FSRU	m	0.163027	0.0418295	-0.00150035	0.340254
zREF_FSRU	m	-10.7988	0.0728763	-11.0589	-10.5441
ROLL_FSRU	rad	0.00256746	0.00207936	-0.00713809	0.0122842
PITCH_FSRU	rad	9.33673E-06	0.00168231	-0.00596326	0.005676
YAW_FSRU	rad	0.000408782	0.000646154	-0.00268756	0.00332761
distManExc	m	0.435712	0.289054	0.0301733	2.00651
xManExc	m	0.0986964	0.485886	-1.75114	1.99885
yManExc	m	-0.0953829	0.0310263	-0.243591	0.0314332
zManExc	m	-0.0492373	0.122828	-0.453605	0.413432
WaveHeight-COG	m	-0.000642212	0.671613	-2.72072	2.56798
windSpeed	m/s	17.2958	1.90073	11.9965	22.6021
FJettyLine1	N	146854	62032.5	0	434331
FJettyLine2	N	146717	63389.6	0	442461
FJettyLine3	N	131243	46884.5	0	331678
FJettyLine4	N	117131	17646.7	32160.5	193561
FJettyLine5	N	118059	16906.5	33491.4	194094
FJettyLine6	N	116129	46447.8	0	306030
FJettyLine7	N	130561	81220.8	0	582708
FJettyLine8	N	130503	81180.7	0	582250
FJettyLine9	N	170749	95435.3	0	744255
FJettyLine10	N	169609	91967.3	0	712128
FJettyLine11	N	152838	57718.1	0	426378
FJettyLine12	N	142709	29858.4	13846.2	258532
FJettyLine13	N	143754	28527.6	20723.2	255484
FJettyLine14	N	134841	28839.9	3902.99	233814
FJettyLine15	N	132128	65196.1	0	427920
FJettyLine16	N	132128	65196.1	0	427920
FJettyFend1	N	448246	122951	0	1023690
FJettyFend2	N	483510	83286.7	178014	859046
FJettyFend3	N	569738	114592	111617	1042310

ballasted_180degN_RP10yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.97983	0.356401	2.71105	5.00674
yCOG_FSRU	m	0.124408	0.0269543	-0.00345006	0.234919
zCOG_FSRU	m	3.75419	0.0746882	3.48799	4.01062
xREF_FSRU	m	-0.0872784	0.355804	-1.36931	0.940567
yREF_FSRU	m	0.126868	0.111887	-0.267296	0.55893
zREF_FSRU	m	-9.34539	0.0692104	-9.59201	-9.10942
ROLL_FSRU	rad	0.000312288	0.00734846	-0.0247172	0.0255184
PITCH_FSRU	rad	9.47584E-06	0.00175954	-0.00638298	0.00603063
YAW_FSRU	rad	0.000401855	0.000419297	-0.00173772	0.00192732
distManExc	m	0.39248	0.18932	0.00675246	1.37292
xManExc	m	0.0946224	0.357163	-0.931192	1.34837
yManExc	m	-0.128967	0.124689	-0.56586	0.304576
zManExc	m	-0.00932626	0.145249	-0.570357	0.586596
WaveHeight-COG	m	-0.000571839	0.671746	-2.72141	2.55182
windSpeed	m/s	17.2958	1.90073	11.9965	22.6021
FJettyLine1	N	146036	44630.5	12947.8	316588
FJettyLine2	N	145827	45769.7	10038.1	320754
FJettyLine3	N	131593	33659.9	24180.5	259696
FJettyLine4	N	118033	12157.6	64078.5	169863
FJettyLine5	N	119061	11576.7	70558.5	172981
FJettyLine6	N	117359	33827.7	0	218504
FJettyLine7	N	128069	61279.7	0	325023
FJettyLine8	N	128031	61256	0	324895
FJettyLine9	N	166553	67751.5	0	480801
FJettyLine10	N	165882	65234	0	467456
FJettyLine11	N	153230	41762	22808.2	308757
FJettyLine12	N	144142	22288.6	68077.5	223039
FJettyLine13	N	145019	21224.9	73954.4	218710
FJettyLine14	N	136166	20745.5	37846.5	206084
FJettyLine15	N	132032	48571	0	282442
FJettyLine16	N	132032	48571	0	282442
FJettyFend1	N	450172	92840.1	74449.9	947350
FJettyFend2	N	484714	74630.6	170006	828450
FJettyFend3	N	569176	95224	214671	963718

loaded_180degN_RP25yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.36409	0.672024	0.702351	5.87516
yCOG_FSRU	m	0.117929	0.0319334	0.00555735	0.280513
zCOG_FSRU	m	9.20109	0.0911843	8.87806	9.50992
xREF_FSRU	m	-0.12514	0.670056	-2.77532	2.36433
yREF_FSRU	m	0.166838	0.0563912	-0.0462085	0.483629
zREF_FSRU	m	-10.7987	0.0862915	-11.1045	-10.5085
ROLL_FSRU	rad	0.00251827	0.00279165	-0.0100348	0.0158329
PITCH_FSRU	rad	9.28219E-06	0.00195278	-0.00707533	0.0067213
YAW_FSRU	rad	0.000419335	0.000855041	-0.00370304	0.00445546
distManExc	m	0.595593	0.382397	0.0187613	2.78128
xManExc	m	0.132784	0.669	-2.39727	2.77019
yManExc	m	-0.101018	0.041816	-0.306028	0.0673166
zManExc	m	-0.0483275	0.146551	-0.574091	0.498014
WaveHeight-COG	m	-0.00073117	0.747745	-3.00776	2.88039
windSpeed	m/s	18.3957	2.01067	12.7603	24.0444
FJettyLine1	N	152471	85665.7	0	627665
FJettyLine2	N	152578	87474.4	0	645333
FJettyLine3	N	133810	64144	0	491762
FJettyLine4	N	115691	22983.7	0	217500
FJettyLine5	N	117021	21813.1	3056.47	224877
FJettyLine6	N	112769	62566.1	0	425940
FJettyLine7	N	132244	110140	0	827107
FJettyLine8	N	132182	110079	0	826581
FJettyLine9	N	185977	137080	0	1093360
FJettyLine10	N	183693	131762	0	1033080
FJettyLine11	N	158526	79894.6	0	560590
FJettyLine12	N	144746	40822.6	0	288076
FJettyLine13	N	145698	39086.4	0	284613
FJettyLine14	N	133158	39604.8	0	269636
FJettyLine15	N	131006	88032.7	0	564444
FJettyLine16	N	131006	88032.7	0	564444
FJettyFend1	N	460170	166652	0	1255490
FJettyFend2	N	496272	113339	148627	1022400
FJettyFend3	N	584763	148138	0	1301670

ballasted_180degN_RP25yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.94638	0.462663	2.30958	5.53763
yCOG_FSRU	m	0.127694	0.0330544	-0.0274672	0.259174
zCOG_FSRU	m	3.75422	0.0875492	3.44789	4.04281
xREF_FSRU	m	-0.120733	0.461856	-1.77668	1.46988
yREF_FSRU	m	0.130129	0.133308	-0.325563	0.576112
zREF_FSRU	m	-9.34522	0.0811843	-9.62957	-9.0818
ROLL_FSRU	rad	0.000314577	0.00872262	-0.0277423	0.0285672
PITCH_FSRU	rad	9.59758E-06	0.00204483	-0.00752643	0.00707514
YAW_FSRU	rad	0.000415843	0.000545379	-0.00243614	0.00232802
distManExc	m	0.484981	0.253708	0.00893201	1.72233
xManExc	m	0.128353	0.463014	-1.46514	1.71368
yManExc	m	-0.132374	0.148024	-0.627135	0.338584
zManExc	m	-0.00917952	0.17088	-0.597418	0.593486
WaveHeight-COG	m	-0.000656584	0.747855	-3.02025	2.8718
windSpeed	m/s	18.3957	2.01067	12.7603	24.0444
FJettyLine1	N	149978	58877.6	0	406160
FJettyLine2	N	149879	60272.5	0	413125
FJettyLine3	N	133614	43940.7	0	319389
FJettyLine4	N	116662	15150.2	52854.5	182546
FJettyLine5	N	118062	14304.7	60518.9	185541
FJettyLine6	N	113190	44084	0	273906
FJettyLine7	N	124099	77559.2	0	478149
FJettyLine8	N	124060	77528.8	0	477810
FJettyLine9	N	175434	91186.5	0	640552
FJettyLine10	N	174175	87751	0	615242
FJettyLine11	N	157606	55148.2	0	383037
FJettyLine12	N	146224	29053.6	27451.6	263593
FJettyLine13	N	147015	27659.8	33939.4	257588
FJettyLine14	N	134668	27251.9	15202.7	234231
FJettyLine15	N	128119	62700.4	0	363165
FJettyLine16	N	128119	62700.4	0	363165
FJettyFend1	N	458132	123552	0	1065990
FJettyFend2	N	493823	96361.5	37919.7	892270
FJettyFend3	N	581117	114617	166921	1050140

loaded_180degN_RP50yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.33606	0.816595	0.254961	6.31507
yCOG_FSRU	m	0.124814	0.041591	-0.0219428	0.336154
zCOG_FSRU	m	9.20117	0.101537	8.84672	9.53401
xREF_FSRU	m	-0.153181	0.814159	-3.26108	2.8034
yREF_FSRU	m	0.172611	0.0727895	-0.0986505	0.550868
zREF_FSRU	m	-10.7986	0.0961201	-11.1334	-10.4872
ROLL_FSRU	rad	0.00246543	0.00358647	-0.0129065	0.0178807
PITCH_FSRU	rad	9.20308E-06	0.002154	-0.0078037	0.0074756
YAW_FSRU	rad	0.00043566	0.0011298	-0.0047663	0.00542835
distManExc	m	0.709007	0.477373	0.0137458	3.18292
xManExc	m	0.161135	0.81233	-2.84994	3.17573
yManExc	m	-0.108889	0.0554875	-0.373468	0.0989851
zManExc	m	-0.0473783	0.165985	-0.670507	0.587368
WaveHeight-COG	m	-0.000954039	0.800982	-3.21068	3.04761
windSpeed	m/s	19.1957	2.08996	13.3182	25.0909
FJettyLine1	N	158904	104862	0	745508
FJettyLine2	N	159332	107164	0	767729
FJettyLine3	N	136713	78909.3	0	600549
FJettyLine4	N	113790	29655.8	0	230804
FJettyLine5	N	115455	28331.6	0	239063
FJettyLine6	N	111082	74398.1	0	521729
FJettyLine7	N	137818	134000	0	1023990
FJettyLine8	N	137748	133918	0	1023250
FJettyLine9	N	203657	173284	0	1301880
FJettyLine10	N	200169	165844	0	1222850
FJettyLine11	N	164834	96566.2	0	649019
FJettyLine12	N	146374	50363.3	0	333320
FJettyLine13	N	147212	48314.3	0	325418
FJettyLine14	N	131818	49191.8	0	298418
FJettyLine15	N	133252	103896	0	657885
FJettyLine16	N	133252	103896	0	657885
FJettyFend1	N	477866	220099	0	1527270
FJettyFend2	N	514641	149844	35750.9	1241320
FJettyFend3	N	606681	191266	0	1449550

ballasted_180degN_RP50yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.91845	0.553597	1.75923	5.98462
yCOG_FSRU	m	0.132182	0.0403864	-0.056544	0.313775
zCOG_FSRU	m	3.75426	0.0969041	3.42049	4.06359
xREF_FSRU	m	-0.148658	0.552616	-2.31506	1.92839
yREF_FSRU	m	0.134606	0.1573	-0.391962	0.667126
zREF_FSRU	m	-9.34498	0.0898648	-9.65562	-9.05661
ROLL_FSRU	rad	0.000319271	0.0102807	-0.0307628	0.0317878
PITCH_FSRU	rad	9.58195E-06	0.00226435	-0.0083277	0.0079724
YAW_FSRU	rad	0.000433807	0.000700194	-0.00334004	0.00284174
distManExc	m	0.564426	0.317106	0.0068417	2.29571
xManExc	m	0.156632	0.553414	-1.89601	2.27588
yManExc	m	-0.136973	0.1749	-0.700995	0.383014
zManExc	m	-0.00903082	0.197228	-0.656799	0.662661
WaveHeight-COG	m	-0.000841734	0.801104	-3.21671	3.055
windSpeed	m/s	19.1957	2.08996	13.3182	25.0909
FJettyLine1	N	153600	71371.7	0	520335
FJettyLine2	N	153636	72976.5	0	533875
FJettyLine3	N	135150	53466.3	0	401176
FJettyLine4	N	115046	18802	37982.7	188382
FJettyLine5	N	116779	17809	50152	196303
FJettyLine6	N	109777	52309.7	0	334976
FJettyLine7	N	122851	90440.9	0	644271
FJettyLine8	N	122810	90403	0	643743
FJettyLine9	N	185112	112831	0	884615
FJettyLine10	N	183216	108442	0	838602
FJettyLine11	N	161643	66732.6	0	501355
FJettyLine12	N	147902	35457.5	0	312318
FJettyLine13	N	148626	33727	2379.25	299718
FJettyLine14	N	133275	33671.6	0	246394
FJettyLine15	N	126105	73286.1	0	451552
FJettyLine16	N	126105	73286.1	0	451552
FJettyFend1	N	469295	159072	0	1210990
FJettyFend2	N	506400	122099	0	1110510
FJettyFend3	N	597363	140333	95257.5	1143740

loaded_180degN_RP100yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.31063	0.912585	-0.0364363	6.59297
yCOG_FSRU	m	0.129815	0.0480568	-0.0593334	0.372933
zCOG_FSRU	m	9.20117	0.109721	8.82184	9.55496
xREF_FSRU	m	-0.178641	0.909853	-3.56527	3.11952
yREF_FSRU	m	0.177025	0.0836251	-0.110651	0.586335
zREF_FSRU	m	-10.7985	0.103863	-11.159	-10.4667
ROLL_FSRU	rad	0.0024375	0.00412047	-0.013975	0.0213595
PITCH_FSRU	rad	0.000010236	0.00232575	-0.00839372	0.00810049
YAW_FSRU	rad	0.000443917	0.00132506	-0.00561466	0.00650213
distManExc	m	0.783169	0.545376	0.0116173	3.43641
xManExc	m	0.186723	0.907529	-3.11852	3.43247
yManExc	m	-0.114385	0.0650856	-0.404912	0.131441
zManExc	m	-0.0467992	0.181116	-0.748234	0.61541
WaveHeight-COG	m	-0.000920838	0.852354	-3.4146	3.23566
windSpeed	m/s	19.9956	2.16869	13.8706	26.1354
FJettyLine1	N	164877	118214	0	816303
FJettyLine2	N	165581	120925	0	841196
FJettyLine3	N	139755	89424.5	0	661046
FJettyLine4	N	112452	34405.9	0	259781
FJettyLine5	N	114394	32994.5	0	259734
FJettyLine6	N	110106	82502.8	0	605464
FJettyLine7	N	141958	150734	0	1151350
FJettyLine8	N	141884	150638	0	1150500
FJettyLine9	N	218810	198783	0	1438630
FJettyLine10	N	214370	189722	0	1351230
FJettyLine11	N	170681	107443	0	687304
FJettyLine12	N	148067	56177.9	0	363598
FJettyLine13	N	148789	53961.6	0	350901
FJettyLine14	N	130847	55095.2	0	331266
FJettyLine15	N	134891	114103	0	710151
FJettyLine16	N	134891	114103	0	710151
FJettyFend1	N	492080	255955	0	1866630
FJettyFend2	N	528420	174446	0	1479890
FJettyFend3	N	622295	221173	0	1607410

ballasted_180degN_RP100yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.89043	0.646809	1.28362	6.31774
yCOG_FSRU	m	0.135828	0.0453308	-0.065792	0.368423
zCOG_FSRU	m	3.75424	0.104436	3.39656	4.09021
xREF_FSRU	m	-0.176688	0.645658	-2.78895	2.26197
yREF_FSRU	m	0.138271	0.170028	-0.411832	0.745365
zREF_FSRU	m	-9.34487	0.096826	-9.67691	-9.03337
ROLL_FSRU	rad	0.000323766	0.0110784	-0.0335818	0.0340078
PITCH_FSRU	rad	1.06252E-05	0.00244863	-0.00895674	0.00862329
YAW_FSRU	rad	0.000443881	0.000814615	-0.00389261	0.00322124
distManExc	m	0.639454	0.37851	0.0080393	2.73602
xManExc	m	0.184832	0.64604	-2.2353	2.73559
yManExc	m	-0.140642	0.188985	-0.765532	0.406079
zManExc	m	-0.00890785	0.212285	-0.751684	0.763744
WaveHeight-COG	m	-0.000792007	0.852422	-3.41474	3.2595
windSpeed	m/s	19.9956	2.16869	13.8706	26.1354
FJettyLine1	N	157984	84059.4	0	639957
FJettyLine2	N	158199	85906	0	658059
FJettyLine3	N	137267	62894.1	0	499861
FJettyLine4	N	113790	21608.5	30430.8	203997
FJettyLine5	N	115844	20426.1	36941.8	204487
FJettyLine6	N	107058	60184.2	0	404655
FJettyLine7	N	123426	103628	0	776868
FJettyLine8	N	123382	103582	0	776293
FJettyLine9	N	196576	136101	0	1098800
FJettyLine10	N	193943	130544	0	1037420
FJettyLine11	N	166098	78365.5	0	589353
FJettyLine12	N	149591	41279.5	0	345753
FJettyLine13	N	150241	39322.9	0	331832
FJettyLine14	N	131923	39260.4	0	256047
FJettyLine15	N	125135	83274.1	0	514732
FJettyLine16	N	125135	83274.1	0	514732
FJettyFend1	N	478933	183963	0	1451050
FJettyFend2	N	516705	139971	0	1302180
FJettyFend3	N	609681	159069	19209.4	1404980

loaded_210degN_RP1yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.51368	0.137334	3.15694	3.87785
yCOG_FSRU	m	0.135281	0.013175	0.0924183	0.181015
zCOG_FSRU	m	9.20085	0.0309603	9.09009	9.31443
xREF_FSRU	m	0.0244038	0.137154	-0.340297	0.391148
yREF_FSRU	m	0.209439	0.0256112	0.128766	0.299215
zREF_FSRU	m	-10.7989	0.0289439	-10.9039	-10.6913
ROLL_FSRU	rad	0.0038237	0.00111092	-0.000789666	0.00794341
PITCH_FSRU	rad	1.11739E-05	0.00078831	-0.00265844	0.00269281
YAW_FSRU	rad	0.000663868	0.000281823	-0.000355163	0.00175709
distManExc	m	0.191291	0.055722	0.0715724	0.405832
xManExc	m	-0.0122714	0.137508	-0.373462	0.347766
yManExc	m	-0.110411	0.0171564	-0.170867	-0.0593074
zManExc	m	-0.0727173	0.0535302	-0.269152	0.114626
WaveHeight-COG	m	2.70747E-05	0.399292	-1.60717	1.50265
windSpeed	m/s	13.2961	1.49171	9.25363	17.3537
FJettyLine1	N	127402	16975.7	79676	176467
FJettyLine2	N	126609	17451.6	77671.7	177138
FJettyLine3	N	112598	14020.6	68557	160453
FJettyLine4	N	107812	8623.8	77804.5	138376
FJettyLine5	N	107596	8430.93	75917.4	136067
FJettyLine6	N	118908	14098.3	75333.3	162179
FJettyLine7	N	143654	23096.7	81068.7	205158
FJettyLine8	N	143574	23090.1	80990.6	205101
FJettyLine9	N	144464	24328.9	78354.6	209557
FJettyLine10	N	144878	23501	80901.6	207459
FJettyLine11	N	138712	15898.2	92748.1	184893
FJettyLine12	N	135493	9700.79	101622	169438
FJettyLine13	N	136893	9180.05	105044	168817
FJettyLine14	N	140045	9325.38	106098	174623
FJettyLine15	N	145969	18523.7	89534.8	195265
FJettyLine16	N	145969	18523.7	89534.8	195265
FJettyFend1	N	489141	51416.8	322765	716047
FJettyFend2	N	546340	40696.7	429767	696835
FJettyFend3	N	686204	65144.5	479498	904873

ballasted_210degN_RP1yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.09297	0.0841294	3.80241	4.36269
yCOG_FSRU	m	0.153777	0.0170209	0.0990769	0.212088
zCOG_FSRU	m	3.75407	0.0316341	3.64145	3.86802
xREF_FSRU	m	0.0258393	0.0841011	-0.255903	0.291952
yREF_FSRU	m	0.158148	0.0431515	0.0172532	0.318532
zREF_FSRU	m	-9.34583	0.0289963	-9.45032	-9.24123
ROLL_FSRU	rad	0.000535077	0.00271566	-0.008091	0.00983847
PITCH_FSRU	rad	9.86526E-06	0.000835566	-0.0029323	0.002788
YAW_FSRU	rad	0.000649016	0.000215596	-0.000245669	0.00166049
distManExc	m	0.194383	0.0483248	0.0171515	0.392756
xManExc	m	-0.0138727	0.0864293	-0.291045	0.296535
yManExc	m	-0.161345	0.0493266	-0.322649	-0.00182012
zManExc	m	-0.0138457	0.0616481	-0.240251	0.228329
WaveHeight-COG	m	2.40088E-05	0.399291	-1.59922	1.48124
windSpeed	m/s	13.2961	1.49171	9.25363	17.3537
FJettyLine1	N	127615	10562.9	90014.1	166403
FJettyLine2	N	126848	10862	88139.5	166716
FJettyLine3	N	113462	9546.03	69292.5	147515
FJettyLine4	N	108998	7919.2	74987.9	140520
FJettyLine5	N	108979	7744.07	74359.4	139858
FJettyLine6	N	120189	9966.92	79709	155920
FJettyLine7	N	144758	14371.6	92850.9	191692
FJettyLine8	N	144700	14368.9	92782.4	191629
FJettyLine9	N	145127	15042.9	96649.9	197563
FJettyLine10	N	145472	14533	98808.8	196142
FJettyLine11	N	140144	10031.8	104924	176857
FJettyLine12	N	137572	6417.5	114351	163068
FJettyLine13	N	138740	6050.37	116748	162722
FJettyLine14	N	141453	5717.72	120290	164623
FJettyLine15	N	147029	11272.5	106228	183203
FJettyLine16	N	147029	11272.5	106228	183203
FJettyFend1	N	495217	33596.9	383936	644932
FJettyFend2	N	551135	38590.5	432035	692377
FJettyFend3	N	687865	72675.1	419835	958926

loaded_210degN_RP5yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.46458	0.267565	2.47185	4.3918
yCOG_FSRU	m	0.156506	0.0259707	0.0787709	0.260919
zCOG_FSRU	m	9.20085	0.0572185	8.99853	9.39986
xREF_FSRU	m	-0.0247272	0.266826	-1.041	0.884753
yREF_FSRU	m	0.23576	0.0463156	0.0610137	0.414424
zREF_FSRU	m	-10.7989	0.0541225	-10.9905	-10.612
ROLL_FSRU	rad	0.00410273	0.00203916	-0.00304555	0.0124731
PITCH_FSRU	rad	1.16334E-05	0.00123533	-0.00444438	0.00411952
YAW_FSRU	rad	0.000803745	0.000576218	-0.00145766	0.00268959
distManExc	m	0.29625	0.137127	0.0355785	1.01882
xManExc	m	0.0394771	0.267402	-0.907659	1.00535
yManExc	m	-0.132273	0.0326525	-0.252841	-0.0211988
zManExc	m	-0.0779469	0.0941691	-0.391543	0.272281
WaveHeight-COG	m	-0.000075732	0.497588	-2.0122	1.92664
windSpeed	m/s	15.9959	1.7694	11.0991	20.8923
FJettyLine1	N	129566	33657.4	16159.3	270210
FJettyLine2	N	128829	34531.7	13296.9	272721
FJettyLine3	N	110187	27753	11262.3	221313
FJettyLine4	N	99319.1	16724.6	39517.9	157885
FJettyLine5	N	99670.2	16299.4	39414.1	157554
FJettyLine6	N	107971	28099.1	2126.89	215235
FJettyLine7	N	133347	46218.8	0	314544
FJettyLine8	N	133258	46203.9	0	314372
FJettyLine9	N	153931	49355.5	0	365254
FJettyLine10	N	153951	47631.3	0	355546
FJettyLine11	N	144160	31621.2	21154.2	264990
FJettyLine12	N	137977	19734.7	51728.8	203210
FJettyLine13	N	139344	18616.1	59264.3	201360
FJettyLine14	N	137673	19063	58036.3	202338
FJettyLine15	N	139422	36964.8	0	266573
FJettyLine16	N	139422	36964.8	0	266573
FJettyFend1	N	533212	115979	134387	1083140
FJettyFend2	N	602483	86753.2	325155	957901
FJettyFend3	N	771865	117923	399421	1233870

ballasted_210degN_RP5yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.04469	0.202734	3.28954	4.70265
yCOG_FSRU	m	0.176157	0.0315287	0.0574514	0.282223
zCOG_FSRU	m	3.75409	0.0556276	3.55733	3.94316
xREF_FSRU	m	-0.0224502	0.202334	-0.788884	0.639962
yREF_FSRU	m	0.181324	0.104754	-0.181552	0.601975
zREF_FSRU	m	-9.34555	0.0515629	-9.52675	-9.17183
ROLL_FSRU	rad	0.000640185	0.00685799	-0.0231396	0.0253727
PITCH_FSRU	rad	1.05328E-05	0.00130316	-0.00475752	0.00442864
YAW_FSRU	rad	0.000792021	0.000434525	-0.00110701	0.00269577
distManExc	m	0.307533	0.116405	0.0109004	0.849806
xManExc	m	0.0371076	0.204633	-0.613571	0.782799
yManExc	m	-0.18526	0.119834	-0.620398	0.217483
zManExc	m	-0.0154613	0.126313	-0.518769	0.492708
WaveHeight-COG	m	-2.41897E-05	0.497657	-2.01559	1.90549
windSpeed	m/s	15.9959	1.7694	11.0991	20.8923
FJettyLine1	N	129808	25463.8	48751	225025
FJettyLine2	N	129077	26158.5	46396.4	226810
FJettyLine3	N	111145	21637.4	31720.5	190093
FJettyLine4	N	100648	14469.6	38416.4	153306
FJettyLine5	N	101217	14096.3	41117.9	154493
FJettyLine6	N	109625	21877.4	24429	182457
FJettyLine7	N	134699	34717.6	0	253651
FJettyLine8	N	134637	34707.2	0	253560
FJettyLine9	N	154311	36871.8	32825.6	304667
FJettyLine10	N	154328	35557.3	36120.2	297558
FJettyLine11	N	145762	23994.3	64108.8	237086
FJettyLine12	N	140336	15239.6	79528.8	191769
FJettyLine13	N	141435	14347.6	84627.5	189916
FJettyLine14	N	139346	14091	69573.9	190823
FJettyLine15	N	140786	27582.8	35257.5	240956
FJettyLine16	N	140786	27582.8	35257.5	240956
FJettyFend1	N	539057	86977.9	236903	940856
FJettyFend2	N	607235	80274.8	312487	909741
FJettyFend3	N	773945	124501	365014	1199650

loaded_210degN_RP10yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.44228	0.356152	1.93086	4.85927
yCOG_FSRU	m	0.165811	0.0322302	0.0537269	0.30432
zCOG_FSRU	m	9.20085	0.0670031	8.96704	9.42429
xREF_FSRU	m	-0.0470499	0.355116	-1.57351	1.34843
yREF_FSRU	m	0.247852	0.0562218	0.0556114	0.488119
zREF_FSRU	m	-10.7988	0.0634167	-11.0198	-10.5896
ROLL_FSRU	rad	0.00425332	0.00257352	-0.00545912	0.0144846
PITCH_FSRU	rad	1.21991E-05	0.00142002	-0.00518775	0.00484574
YAW_FSRU	rad	0.000868257	0.000729515	-0.00220938	0.00396643
distManExc	m	0.363387	0.196979	0.00358769	1.57263
xManExc	m	0.0629905	0.355382	-1.36507	1.55918
yManExc	m	-0.141613	0.0411209	-0.313473	0.00196741
zManExc	m	-0.0807522	0.110998	-0.460707	0.303452
WaveHeight-COG	m	-0.000279732	0.548358	-2.21015	2.1325
windSpeed	m/s	17.0958	1.88062	11.8581	22.3394
FJettyLine1	N	130668	45153.3	0	348041
FJettyLine2	N	129984	46215.3	0	352718
FJettyLine3	N	109071	36485.9	0	265392
FJettyLine4	N	95451.2	20560.2	6927.4	173960
FJettyLine5	N	96069.9	19978.9	7475.42	176452
FJettyLine6	N	102960	36630.8	0	259610
FJettyLine7	N	129485	60705.6	0	442196
FJettyLine8	N	129393	60680.7	0	441917
FJettyLine9	N	159299	67455	0	555442
FJettyLine10	N	158974	65097.3	0	536692
FJettyLine11	N	146812	42557	0	344253
FJettyLine12	N	139174	25722.6	40876.4	240826
FJettyLine13	N	140520	24284	46042.7	237532
FJettyLine14	N	136620	25054.9	22296.4	223841
FJettyLine15	N	136643	49446.1	0	354162
FJettyLine16	N	136643	49446.1	0	354162
FJettyFend1	N	552410	149875	35190.7	1218140
FJettyFend2	N	627243	109727	262718	1104230
FJettyFend3	N	810229	141284	312926	1389280

ballasted_210degN_RP10yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.02246	0.254119	3.16501	4.78747
yCOG_FSRU	m	0.185996	0.0372203	0.0301911	0.334276
zCOG_FSRU	m	3.75409	0.0644572	3.5305	3.96286
xREF_FSRU	m	-0.0446789	0.253626	-0.917609	0.718047
yREF_FSRU	m	0.191589	0.12392	-0.244656	0.634112
zREF_FSRU	m	-9.34542	0.0597602	-9.55426	-9.14975
ROLL_FSRU	rad	0.000692573	0.00809956	-0.0265935	0.0275895
PITCH_FSRU	rad	0.000011079	0.00150175	-0.00547719	0.00526848
YAW_FSRU	rad	0.000856245	0.000544669	-0.00160016	0.00269312
distManExc	m	0.359438	0.142484	0.0167686	1.04875
xManExc	m	0.0605387	0.255744	-0.716541	0.904367
yManExc	m	-0.195686	0.141362	-0.686971	0.264992
zManExc	m	-0.0162652	0.14794	-0.536838	0.527624
WaveHeight-COG	m	-0.000199133	0.548405	-2.21559	2.11583
windSpeed	m/s	17.0958	1.88062	11.8581	22.3394
FJettyLine1	N	130842	32206.2	30012.2	248773
FJettyLine2	N	130137	33064.9	27168.1	250992
FJettyLine3	N	110139	27207.4	15280.9	212737
FJettyLine4	N	96868.3	17296.4	26819.3	161216
FJettyLine5	N	97712.6	16870.2	29467.9	160754
FJettyLine6	N	104699	27037.5	1327.87	191925
FJettyLine7	N	129967	43775	0	272414
FJettyLine8	N	129902	43760.5	0	272269
FJettyLine9	N	158816	46915.2	10815	343120
FJettyLine10	N	158640	45217.1	14613.8	333951
FJettyLine11	N	148408	30257.4	50015.7	256159
FJettyLine12	N	141656	19243.7	68466.6	217360
FJettyLine13	N	142720	18100.4	74316.3	212740
FJettyLine14	N	138413	17985.5	55677.8	199192
FJettyLine15	N	137860	34963.1	16043.4	251118
FJettyLine16	N	137860	34963.1	16043.4	251118
FJettyFend1	N	558138	111591	59082.3	1047450
FJettyFend2	N	631815	98197.5	183142	993356
FJettyFend3	N	811973	145883	300437	1359260

loaded_210degN_RP25yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.40162	0.502702	1.58417	5.15018
yCOG_FSRU	m	0.181381	0.0448819	0.014095	0.3879
zCOG_FSRU	m	9.20088	0.0850547	8.90615	9.47001
xREF_FSRU	m	-0.0877405	0.501284	-1.93485	1.68771
yREF_FSRU	m	0.265967	0.0754125	-0.0340603	0.535342
zREF_FSRU	m	-10.7987	0.0804751	-11.0793	-10.5415
ROLL_FSRU	rad	0.00439744	0.00353974	-0.00992373	0.0181594
PITCH_FSRU	rad	1.24004E-05	0.00179914	-0.00644098	0.00618857
YAW_FSRU	rad	0.000965805	0.00105676	-0.00389226	0.00477514
distManExc	m	0.489254	0.280056	0.0305647	1.88309
xManExc	m	0.105502	0.500985	-1.65094	1.86177
yManExc	m	-0.158154	0.0577938	-0.408572	0.053063
zManExc	m	-0.0834525	0.142715	-0.634823	0.458953
WaveHeight-COG	m	-0.000557252	0.65178	-2.60873	2.52962
windSpeed	m/s	18.4957	2.02061	12.8299	24.1753
FJettyLine1	N	133609	64287.6	0	421820
FJettyLine2	N	133075	65642.8	0	429490
FJettyLine3	N	108124	51416	0	320752
FJettyLine4	N	89260.1	28986.9	0	190908
FJettyLine5	N	90364.8	28219	0	193443
FJettyLine6	N	94988	50413.7	0	323579
FJettyLine7	N	124689	83097.1	0	558470
FJettyLine8	N	124592	83054.1	0	558049
FJettyLine9	N	171055	98296.7	0	686731
FJettyLine10	N	169938	94803.4	0	658958
FJettyLine11	N	151969	60838.9	0	378588
FJettyLine12	N	141367	36874.2	0	264009
FJettyLine13	N	142654	34808.4	19.6884	258763
FJettyLine14	N	134590	36243.2	0	253570
FJettyLine15	N	132397	68865	0	396279
FJettyLine16	N	132397	68865	0	396279
FJettyFend1	N	584961	215553	0	1660310
FJettyFend2	N	668105	154314	152498	1354680
FJettyFend3	N	871741	195801	150973	1645150

ballasted_210degN_RP25yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.98319	0.380956	2.40304	5.43511
yCOG_FSRU	m	0.201559	0.0478058	-0.0241307	0.380917
zCOG_FSRU	m	3.75411	0.0808978	3.47823	4.01772
xREF_FSRU	m	-0.0839462	0.380293	-1.66286	1.3731
yREF_FSRU	m	0.207573	0.157535	-0.339865	0.782143
zREF_FSRU	m	-9.34512	0.074929	-9.59969	-9.09864
ROLL_FSRU	rad	0.000755113	0.0102692	-0.0312479	0.0323982
PITCH_FSRU	rad	1.13484E-05	0.00191227	-0.00686185	0.00667875
YAW_FSRU	rad	0.000954776	0.00076503	-0.00255549	0.00360396
distManExc	m	0.469555	0.219335	0.00740223	1.75339
xManExc	m	0.101676	0.381928	-1.3313	1.6697
yManExc	m	-0.212364	0.178935	-0.778028	0.334046
zManExc	m	-0.0170878	0.187014	-0.674454	0.645572
WaveHeight-COG	m	-0.000421139	0.651802	-2.61126	2.52149
windSpeed	m/s	18.4957	2.02061	12.8299	24.1753
FJettyLine1	N	133165	48822.3	0	364250
FJettyLine2	N	132551	49980.1	0	369146
FJettyLine3	N	108941	39845	0	278228
FJettyLine4	N	90879.4	22648.1	11373.4	165865
FJettyLine5	N	92222	22037.1	14407.8	175363
FJettyLine6	N	96540.8	39019.9	0	239683
FJettyLine7	N	123039	64490.9	0	425352
FJettyLine8	N	122970	64464.9	0	424954
FJettyLine9	N	168123	73501.9	0	617604
FJettyLine10	N	167402	70791.1	0	593919
FJettyLine11	N	153305	46318.9	0	386034
FJettyLine12	N	144037	28554.5	43774.7	283451
FJettyLine13	N	145028	26861.9	50473.2	275042
FJettyLine14	N	136685	27004.6	8293.19	239777
FJettyLine15	N	132946	52911.8	0	355335
FJettyLine16	N	132946	52911.8	0	355335
FJettyFend1	N	589166	164919	0	1289120
FJettyFend2	N	671233	135702	31653.2	1205260
FJettyFend3	N	872019	182718	184510	1510650

loaded_210degN_RP50yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.36982	0.638041	0.986902	5.41427
yCOG_FSRU	m	0.193521	0.0504	0.0477847	0.492687
zCOG_FSRU	m	9.20093	0.0970275	8.86527	9.51045
xREF_FSRU	m	-0.11958	0.636275	-2.53906	1.93548
yREF_FSRU	m	0.28177	0.0906443	0.00266114	0.636942
zREF_FSRU	m	-10.7986	0.091775	-11.1177	-10.5021
ROLL_FSRU	rad	0.00459527	0.00429509	-0.013086	0.0233575
PITCH_FSRU	rad	1.28084E-05	0.00206355	-0.00730168	0.00711256
YAW_FSRU	rad	0.00104998	0.00132811	-0.00481622	0.00665025
distManExc	m	0.605874	0.35246	0.0144608	2.49018
xManExc	m	0.138892	0.63553	-1.89193	2.47078
yManExc	m	-0.170293	0.0649383	-0.511204	0.0835354
zManExc	m	-0.0871821	0.165237	-0.715201	0.512791
WaveHeight-COG	m	-0.000548898	0.725648	-2.89812	2.80007
windSpeed	m/s	19.5956	2.1294	13.5946	25.6134
FJettyLine1	N	137104	80966	0	508761
FJettyLine2	N	136776	82567.9	0	521435
FJettyLine3	N	108239	63515.1	0	444832
FJettyLine4	N	84344.7	35844.8	0	216308
FJettyLine5	N	85804.4	34907.8	0	220136
FJettyLine6	N	90209.4	61050	0	328905
FJettyLine7	N	124472	102644	0	630908
FJettyLine8	N	124370	102582	0	630369
FJettyLine9	N	184210	129249	0	961680
FJettyLine10	N	182212	124363	0	910556
FJettyLine11	N	157174	77293.3	0	481415
FJettyLine12	N	143409	46273.9	0	339965
FJettyLine13	N	144597	43817.5	0	325537
FJettyLine14	N	133284	45488.9	0	332768
FJettyLine15	N	131175	84960.5	0	476434
FJettyLine16	N	131175	84960.5	0	476434
FJettyFend1	N	610604	257384	0	1950460
FJettyFend2	N	700491	178715	177501	1723330
FJettyFend3	N	922103	238969	126317	1903860

ballasted_210degN_RP50yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.95269	0.505912	1.83593	5.85266
yCOG_FSRU	m	0.213889	0.0537439	0.0355887	0.421455
zCOG_FSRU	m	3.75415	0.0918334	3.44509	4.05942
xREF_FSRU	m	-0.114454	0.505082	-2.22639	1.7873
yREF_FSRU	m	0.22029	0.173143	-0.319427	0.791785
zREF_FSRU	m	-9.34494	0.0850046	-9.62761	-9.06138
ROLL_FSRU	rad	0.000809685	0.0112096	-0.035309	0.035545
PITCH_FSRU	rad	0.000012027	0.00219335	-0.00779158	0.00771307
YAW_FSRU	rad	0.00103559	0.000917024	-0.00300017	0.00414439
distManExc	m	0.564675	0.295766	0.0142075	2.22941
xManExc	m	0.13371	0.506093	-1.76745	2.22595
yManExc	m	-0.225667	0.19532	-0.892024	0.438354
zManExc	m	-0.0179487	0.207195	-0.750646	0.787142
WaveHeight-COG	m	-0.000373064	0.725658	-2.90646	2.81573
windSpeed	m/s	19.5956	2.1294	13.5946	25.6134
FJettyLine1	N	135659	64656.1	0	483929
FJettyLine2	N	135180	66021.7	0	494366
FJettyLine3	N	108292	51102.3	0	358395
FJettyLine4	N	86158.1	26512.1	0	181704
FJettyLine5	N	87892.6	25670.7	0	179872
FJettyLine6	N	90892.9	49145.6	0	311807
FJettyLine7	N	120810	82455.2	0	585497
FJettyLine8	N	120737	82414.5	0	584977
FJettyLine9	N	178458	101591	0	851970
FJettyLine10	N	177041	97768	0	811844
FJettyLine11	N	157692	61970.7	0	486990
FJettyLine12	N	146048	36359	0	289912
FJettyLine13	N	146963	34320	6616.46	284261
FJettyLine14	N	135410	34491.3	0	241808
FJettyLine15	N	130552	68253.9	0	425268
FJettyLine16	N	130552	68253.9	0	425268
FJettyFend1	N	612875	196059	0	1435210
FJettyFend2	N	701871	156516	204243	1296350
FJettyFend3	N	919740	207225	213859	1852890

loaded_210degN_RP100yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.33991	0.752513	0.779613	5.57647
yCOG_FSRU	m	0.206874	0.0597276	0.0195052	0.492191
zCOG_FSRU	m	9.20095	0.104868	8.83906	9.53891
xREF_FSRU	m	-0.149537	0.750432	-2.75083	2.11474
yREF_FSRU	m	0.299278	0.107285	-0.0642895	0.734725
zREF_FSRU	m	-10.7984	0.0991705	-11.1427	-10.475
ROLL_FSRU	rad	0.00481843	0.00520377	-0.0161393	0.0269579
PITCH_FSRU	rad	1.29015E-05	0.00224003	-0.00792729	0.0077111
YAW_FSRU	rad	0.00113874	0.00155515	-0.00564593	0.00778605
distManExc	m	0.702467	0.422629	0.0550692	2.69694
xManExc	m	0.170483	0.748938	-2.08143	2.67038
yManExc	m	-0.183458	0.0792108	-0.490474	0.0822673
zManExc	m	-0.0913586	0.183916	-0.90462	0.594996
WaveHeight-COG	m	-0.000973388	0.775146	-3.10239	3.00298
windSpeed	m/s	20.6955	2.23713	14.3548	27.0478
FJettyLine1	N	141233	94726.6	0	556956
FJettyLine2	N	141130	96546.6	0	572714
FJettyLine3	N	108757	73300.2	0	485497
FJettyLine4	N	79404.2	40961.3	0	231280
FJettyLine5	N	81155	40069.4	0	235480
FJettyLine6	N	86631.4	67882.8	0	384416
FJettyLine7	N	126527	117553	0	719714
FJettyLine8	N	126418	117468	0	719223
FJettyLine9	N	199094	157443	0	1055470
FJettyLine10	N	196154	151192	0	998423
FJettyLine11	N	162605	91586.5	0	537754
FJettyLine12	N	145402	53955	0	364137
FJettyLine13	N	146473	51218.3	0	350300
FJettyLine14	N	132079	53160.6	0	374124
FJettyLine15	N	131551	97563.5	0	531034
FJettyLine16	N	131551	97563.5	0	531034
FJettyFend1	N	640042	297821	0	2056550
FJettyFend2	N	736545	208314	22736.6	1824320
FJettyFend3	N	977194	281667	51726	2228180

ballasted_210degN_RP100yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.92214	0.610341	1.44558	6.21914
yCOG_FSRU	m	0.227305	0.062035	-0.0153516	0.461548
zCOG_FSRU	m	3.75418	0.0990115	3.42167	4.08812
xREF_FSRU	m	-0.145003	0.609344	-2.61416	2.15187
yREF_FSRU	m	0.234315	0.187612	-0.358066	0.903196
zREF_FSRU	m	-9.34478	0.0915993	-9.64516	-9.03768
ROLL_FSRU	rad	0.000881535	0.0120684	-0.0388263	0.0395844
PITCH_FSRU	rad	1.21288E-05	0.00238454	-0.00845833	0.00853229
YAW_FSRU	rad	0.0011177	0.00107022	-0.00345838	0.00524458
distManExc	m	0.651361	0.357267	0.0141292	2.61998
xManExc	m	0.165821	0.609481	-2.14635	2.60862
yManExc	m	-0.23978	0.212082	-1.00326	0.425306
zManExc	m	-0.0191353	0.223848	-0.833874	0.831747
WaveHeight-COG	m	-0.000764584	0.775171	-3.10287	3.02295
windSpeed	m/s	20.6955	2.23713	14.3548	27.0478
FJettyLine1	N	138762	78142.8	0	571029
FJettyLine2	N	138453	79709.2	0	586248
FJettyLine3	N	108077	61053.1	0	417012
FJettyLine4	N	81225	30620.9	0	189946
FJettyLine5	N	83324.3	29801.6	0	185490
FJettyLine6	N	85897.7	56326.4	0	387946
FJettyLine7	N	119758	97048.3	0	733962
FJettyLine8	N	119680	96995.4	0	733393
FJettyLine9	N	190269	126566	0	1028630
FJettyLine10	N	188095	121571	0	972132
FJettyLine11	N	162491	74741.4	0	554898
FJettyLine12	N	147968	42976.1	0	326537
FJettyLine13	N	148808	40673.7	0	312450
FJettyLine14	N	134076	40954.5	0	282976
FJettyLine15	N	128932	80254.4	0	494221
FJettyLine16	N	128932	80254.4	0	494221
FJettyFend1	N	639743	226674	0	1575080
FJettyFend2	N	735574	181629	0	1463540
FJettyFend3	N	970962	243047	187208	1927590

loaded_240degN_RP1yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.55947	0.0752677	3.25808	3.8374
yCOG_FSRU	m	0.185341	0.0288731	0.108663	0.273371
zCOG_FSRU	m	9.20072	0.0287269	9.09841	9.30488
xREF_FSRU	m	0.0701639	0.0753169	-0.22015	0.341394
yREF_FSRU	m	0.294402	0.0598344	0.110256	0.490507
zREF_FSRU	m	-10.7989	0.0270598	-10.8961	-10.7004
ROLL_FSRU	rad	0.00559295	0.00233938	-0.00166147	0.0130196
PITCH_FSRU	rad	0.000010751	0.000666524	-0.00225778	0.00227742
YAW_FSRU	rad	0.000802059	0.000436329	-0.000914645	0.00235521
distManExc	m	0.210635	0.0414639	0.091413	0.401092
xManExc	m	-0.0554675	0.0765751	-0.340829	0.252931
yManExc	m	-0.144226	0.0351209	-0.252438	-0.0450736
zManExc	m	-0.105925	0.0623792	-0.334335	0.110271
WaveHeight-COG	m	1.46516E-05	0.299975	-1.20905	1.14671
windSpeed	m/s	15.296	1.69806	10.6183	19.9769
FJettyLine1	N	115822	10697.3	75515.9	157564
FJettyLine2	N	114660	11030	73399.9	157731
FJettyLine3	N	97083.6	12964.2	49725.4	147036
FJettyLine4	N	94338.6	13649.3	48763.8	134721
FJettyLine5	N	93564.6	13498.9	48264.3	133412
FJettyLine6	N	112523	12527.9	71027.9	155980
FJettyLine7	N	148158	13231.5	98560.4	196119
FJettyLine8	N	148044	13233.9	98472.6	195997
FJettyLine9	N	135056	13580.8	81857.2	189196
FJettyLine10	N	135880	13116.8	84468.6	188134
FJettyLine11	N	128055	11449.3	86388	170366
FJettyLine12	N	124699	12253.3	81034.1	169454
FJettyLine13	N	126977	11278.2	86998.4	168338
FJettyLine14	N	134891	11694.4	88773.5	174634
FJettyLine15	N	147224	12225.9	97885.1	187892
FJettyLine16	N	147224	12225.9	97885.1	187892
FJettyFend1	N	637494	111839	328249	945791
FJettyFend2	N	706596	97797.2	430861	977670
FJettyFend3	N	875564	119632	555001	1204180

ballasted_240degN_RP1yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.13906	0.0654295	3.90041	4.35698
yCOG_FSRU	m	0.212642	0.0359187	0.11193	0.328758
zCOG_FSRU	m	3.75402	0.0286127	3.65465	3.85753
xREF_FSRU	m	0.0719328	0.0653524	-0.177928	0.303531
yREF_FSRU	m	0.221412	0.0571695	-0.00575384	0.453766
zREF_FSRU	m	-9.34587	0.0264194	-9.43788	-9.24973
ROLL_FSRU	rad	0.000911654	0.00307429	-0.011463	0.012482
PITCH_FSRU	rad	8.96838E-06	0.000701086	-0.00232863	0.00237054
YAW_FSRU	rad	0.000780283	0.000362004	-0.000661696	0.00216837
distManExc	m	0.245271	0.0577831	0.0570281	0.527791
xManExc	m	-0.0574684	0.0680027	-0.298032	0.184039
yManExc	m	-0.216872	0.0664221	-0.501682	0.0213433
zManExc	m	-0.0209161	0.0607224	-0.250105	0.199734
WaveHeight-COG	m	2.54849E-05	0.299977	-1.2052	1.12581
windSpeed	m/s	15.296	1.69806	10.6183	19.9769
FJettyLine1	N	116146	9967.52	74834	158863
FJettyLine2	N	115019	10281.3	72550.4	159033
FJettyLine3	N	98301.6	13087.3	40791.3	147284
FJettyLine4	N	96117.8	14353.4	43204.8	142444
FJettyLine5	N	95643.6	14160.7	41983	141736
FJettyLine6	N	114305	12483.2	67688.7	159347
FJettyLine7	N	149683	11652.3	107780	190581
FJettyLine8	N	149602	11653.7	107680	190506
FJettyLine9	N	136030	11840.4	94018.2	179307
FJettyLine10	N	136757	11438.4	96359.2	178493
FJettyLine11	N	130117	8829.79	92821.6	165623
FJettyLine12	N	127685	7805.37	94785.3	156706
FJettyLine13	N	129623	7240.65	99297.8	156750
FJettyLine14	N	136891	7208.32	107090	163215
FJettyLine15	N	148698	9486.4	110285	182756
FJettyLine16	N	148698	9486.4	110285	182756
FJettyFend1	N	646437	78524.6	414978	944333
FJettyFend2	N	713655	89032.7	461562	1012070
FJettyFend3	N	878024	142958	448329	1368380

loaded_240degN_RP5yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.52916	0.21783	2.67786	4.34562
yCOG_FSRU	m	0.2185	0.0397423	0.108746	0.33858
zCOG_FSRU	m	9.20067	0.0516674	9.01692	9.38091
xREF_FSRU	m	0.0398171	0.217376	-0.797243	0.853594
yREF_FSRU	m	0.344665	0.0826537	0.0718807	0.627096
zREF_FSRU	m	-10.7987	0.0488492	-10.9729	-10.6291
ROLL_FSRU	rad	0.00647591	0.0032828	-0.00528772	0.016636
PITCH_FSRU	rad	0.000010675	0.00112231	-0.00397237	0.00378007
YAW_FSRU	rad	0.000961561	0.000652153	-0.00137975	0.003432
distManExc	m	0.305373	0.106678	0.0783584	0.882351
xManExc	m	-0.0221439	0.217795	-0.830676	0.836163
yManExc	m	-0.171691	0.0488482	-0.321231	-0.0229813
zManExc	m	-0.122473	0.09922	-0.455346	0.272656
WaveHeight-COG	m	-0.000342876	0.447747	-1.81186	1.73845
windSpeed	m/s	17.7958	1.95084	12.3432	23.2582
FJettyLine1	N	114192	28637.1	5112.31	220298
FJettyLine2	N	112983	29367.6	2005.55	221919
FJettyLine3	N	90161	26434.5	0	174742
FJettyLine4	N	82649.7	19809.7	7801.93	147704
FJettyLine5	N	82205.3	19563.8	6708.78	146894
FJettyLine6	N	100791	25102.3	4426.1	182421
FJettyLine7	N	140482	37492.1	0	287785
FJettyLine8	N	140351	37480.9	0	287582
FJettyLine9	N	140189	39843.8	0	306226
FJettyLine10	N	140847	38503.7	0	298930
FJettyLine11	N	129471	27454.3	27774.3	229442
FJettyLine12	N	123406	21025.5	34853.5	191663
FJettyLine13	N	125962	19550.7	43138.6	189892
FJettyLine14	N	131023	19796.8	56725.6	198293
FJettyLine15	N	141670	30911.1	13120.4	260524
FJettyLine16	N	141670	30911.1	13120.4	260524
FJettyFend1	N	721504	161988	198145	1255020
FJettyFend2	N	804358	137187	410023	1258100
FJettyFend3	N	1007130	165815	523364	1548530

ballasted_240degN_RP5yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.11004	0.16547	3.50988	4.5965
yCOG_FSRU	m	0.250183	0.0494884	0.0859468	0.431704
zCOG_FSRU	m	3.75402	0.0500463	3.576	3.92495
xREF_FSRU	m	0.0429135	0.165223	-0.568314	0.531603
yREF_FSRU	m	0.26117	0.0925542	-0.0803244	0.629425
zREF_FSRU	m	-9.34574	0.0463556	-9.51078	-9.18856
ROLL_FSRU	rad	0.00112964	0.00532907	-0.0179679	0.020692
PITCH_FSRU	rad	9.06347E-06	0.00117567	-0.00426845	0.00401265
YAW_FSRU	rad	0.000937502	0.00051881	-0.00119395	0.00279396
distManExc	m	0.326001	0.0971724	0.0340448	0.730609
xManExc	m	-0.0254732	0.16754	-0.503939	0.559525
yManExc	m	-0.254477	0.105606	-0.673225	0.102246
zManExc	m	-0.0248486	0.102332	-0.428155	0.39868
WaveHeight-COG	m	-0.000302285	0.447786	-1.81456	1.71668
windSpeed	m/s	17.7958	1.95084	12.3432	23.2582
FJettyLine1	N	114601	22270.5	41489.2	191773
FJettyLine2	N	113410	22872.7	38865.1	192765
FJettyLine3	N	91593.7	22652.7	18080.4	166618
FJettyLine4	N	84717.7	20072.4	4288.1	151856
FJettyLine5	N	84609.6	19758.7	4725.56	149475
FJettyLine6	N	103121	21785.4	33496.1	176836
FJettyLine7	N	142427	28309.2	38264.6	223235
FJettyLine8	N	142335	28303.1	38213.4	223085
FJettyLine9	N	141142	29824.6	50705	255104
FJettyLine10	N	141732	28794.7	53910.2	251260
FJettyLine11	N	131884	20237.1	66571.8	199559
FJettyLine12	N	126900	14191.1	77746.1	174540
FJettyLine13	N	129038	13273.8	83275.8	173177
FJettyLine14	N	133426	12975	83424.4	174364
FJettyLine15	N	143552	22663	59561.8	211274
FJettyLine16	N	143552	22663	59561.8	211274
FJettyFend1	N	731690	114779	387385	1144540
FJettyFend2	N	812416	124272	444723	1245930
FJettyFend3	N	1010180	195242	404696	1783860

loaded_240degN_RP10yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.51282	0.326537	2.22417	4.70684
yCOG_FSRU	m	0.233315	0.0457346	0.0954729	0.367258
zCOG_FSRU	m	9.20064	0.0638821	8.97465	9.41625
xREF_FSRU	m	0.0234538	0.325726	-1.29129	1.20755
yREF_FSRU	m	0.366886	0.0931949	0.0498439	0.677041
zREF_FSRU	m	-10.7987	0.0604477	-11.0126	-10.5962
ROLL_FSRU	rad	0.00685855	0.00370161	-0.00604533	0.0190188
PITCH_FSRU	rad	1.06609E-05	0.0013662	-0.00493759	0.00470164
YAW_FSRU	rad	0.00103213	0.000766411	-0.00169991	0.00397733
distManExc	m	0.387183	0.15543	0.0637686	1.28573
xManExc	m	-0.00446329	0.325919	-1.20503	1.25683
yManExc	m	-0.184066	0.056107	-0.339015	-0.028117
zManExc	m	-0.129626	0.118301	-0.552822	0.339386
WaveHeight-COG	m	-0.000388045	0.523412	-2.10888	2.03655
windSpeed	m/s	18.7957	2.05039	13.039	24.5679
FJettyLine1	N	113674	41952.6	0	289424
FJettyLine2	N	112506	42915.7	0	292069
FJettyLine3	N	87345.3	35779.7	0	220710
FJettyLine4	N	77436.7	23245.4	5691.25	150343
FJettyLine5	N	77185.9	22786.6	4552.71	148139
FJettyLine6	N	95048.5	35342.5	0	210844
FJettyLine7	N	136705	56500.7	0	379547
FJettyLine8	N	136564	56478.4	0	379223
FJettyLine9	N	143478	60493.8	0	451109
FJettyLine10	N	143905	58504.1	0	437933
FJettyLine11	N	130356	39897.5	0	298468
FJettyLine12	N	123001	26880.2	24155.4	223986
FJettyLine13	N	125664	25172.5	32078.8	220446
FJettyLine14	N	129151	25463.8	35043.9	225574
FJettyLine15	N	138820	45784.4	0	312460
FJettyLine16	N	138820	45784.4	0	312460
FJettyFend1	N	759015	188022	138094	1402420
FJettyFend2	N	847954	157741	389131	1391500
FJettyFend3	N	1066020	191166	504640	1642820

ballasted_240degN_RP10yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.09412	0.234336	3.25752	4.91431
yCOG_FSRU	m	0.26692	0.0561134	0.0616344	0.451751
zCOG_FSRU	m	3.75402	0.0613198	3.53928	3.95595
xREF_FSRU	m	0.0269968	0.233973	-0.822369	0.851013
yREF_FSRU	m	0.278872	0.106902	-0.132018	0.667182
zREF_FSRU	m	-9.34567	0.056824	-9.54487	-9.16138
ROLL_FSRU	rad	0.00122498	0.00618672	-0.0190255	0.022222
PITCH_FSRU	rad	9.1366E-06	0.00143115	-0.00523432	0.00494444
YAW_FSRU	rad	0.00100749	0.000599077	-0.00123493	0.00343094
distManExc	m	0.380832	0.120533	0.00759595	0.929476
xManExc	m	-0.0082288	0.236197	-0.824781	0.788668
yManExc	m	-0.271259	0.121546	-0.751317	0.174608
zManExc	m	-0.0265462	0.121015	-0.44929	0.396941
WaveHeight-COG	m	-0.000353562	0.523442	-2.11382	2.01906
windSpeed	m/s	18.7957	2.05039	13.039	24.5679
FJettyLine1	N	114150	30667.8	7996.21	235004
FJettyLine2	N	112961	31451.3	4974.23	236927
FJettyLine3	N	88816.2	28664.7	0	195946
FJettyLine4	N	79586.2	22908.3	0	149640
FJettyLine5	N	79679.9	22470.1	0	152964
FJettyLine6	N	97636.7	28358	0	199565
FJettyLine7	N	138599	40497.3	0	287474
FJettyLine8	N	138501	40486.5	0	287266
FJettyLine9	N	144022	42820.4	0	301797
FJettyLine10	N	144489	41352.7	0	295656
FJettyLine11	N	132945	28167.1	25669.7	225211
FJettyLine12	N	126731	18197.4	60078.4	197672
FJettyLine13	N	128957	17088	66381.8	194577
FJettyLine14	N	131766	16779.6	61787.2	184553
FJettyLine15	N	140820	32078.8	7716.47	249173
FJettyLine16	N	140820	32078.8	7716.47	249173
FJettyFend1	N	769747	134769	227945	1220410
FJettyFend2	N	856484	142545	316739	1318850
FJettyFend3	N	1069390	220612	362776	1822160

loaded_240degN_RP25yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.48848	0.476802	1.68188	5.04502
yCOG_FSRU	m	0.254109	0.0544942	0.0810057	0.428157
zCOG_FSRU	m	9.20065	0.0820205	8.91728	9.46114
xREF_FSRU	m	-0.000920835	0.475554	-1.83952	1.56544
yREF_FSRU	m	0.394806	0.109854	0.03342	0.865144
zREF_FSRU	m	-10.7985	0.0776331	-11.0683	-10.5503
ROLL_FSRU	rad	0.00723275	0.00453313	-0.00960241	0.0255849
PITCH_FSRU	rad	1.09178E-05	0.00173509	-0.00622532	0.00604382
YAW_FSRU	rad	0.00113501	0.00103587	-0.00357303	0.00508085
distManExc	m	0.502146	0.246504	0.0535346	1.80284
xManExc	m	0.0218165	0.475064	-1.52594	1.77983
yManExc	m	-0.203353	0.0680136	-0.418227	0.00673213
zManExc	m	-0.136628	0.148686	-0.724957	0.390488
WaveHeight-COG	m	-0.000704139	0.626697	-2.50691	2.42288
windSpeed	m/s	19.8956	2.15888	13.8016	26.005
FJettyLine1	N	114138	60477.2	0	377082
FJettyLine2	N	113145	61597.8	0	382172
FJettyLine3	N	84545.4	49263.5	0	268105
FJettyLine4	N	70323	29794.1	0	189235
FJettyLine5	N	70371.6	29217.3	0	191945
FJettyLine6	N	87808	48198.8	0	276558
FJettyLine7	N	133714	80814.1	0	494262
FJettyLine8	N	133565	80766.9	0	493879
FJettyLine9	N	151348	89432.2	0	648657
FJettyLine10	N	151102	86557.3	0	623917
FJettyLine11	N	132489	57792.3	0	355082
FJettyLine12	N	122869	37027.2	0	251738
FJettyLine13	N	125618	34877	0	247568
FJettyLine14	N	126682	35600.9	0	252366
FJettyLine15	N	135758	65978.9	0	382670
FJettyLine16	N	135758	65978.9	0	382670
FJettyFend1	N	809105	237603	10384	1633440
FJettyFend2	N	906900	190204	284185	1587290
FJettyFend3	N	1147530	234529	438409	2024140

ballasted_240degN_RP25yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.07025	0.366548	2.56342	5.45527
yCOG_FSRU	m	0.288924	0.0659176	0.0794256	0.530465
zCOG_FSRU	m	3.75404	0.0778605	3.48852	4.00756
xREF_FSRU	m	0.00312453	0.365978	-1.50465	1.39433
yREF_FSRU	m	0.301952	0.140335	-0.135322	0.808538
zREF_FSRU	m	-9.34543	0.0721231	-9.59157	-9.11151
ROLL_FSRU	rad	0.00133772	0.008389	-0.0241672	0.0270557
PITCH_FSRU	rad	9.51387E-06	0.00182933	-0.00660444	0.00640883
YAW_FSRU	rad	0.00110625	0.000777612	-0.0028215	0.00413669
distManExc	m	0.484246	0.196498	0.0288612	1.6516
xManExc	m	0.0175133	0.367626	-1.31968	1.5347
yManExc	m	-0.293547	0.158037	-0.85219	0.285493
zManExc	m	-0.0283836	0.160309	-0.599479	0.569803
WaveHeight-COG	m	-0.00062072	0.626697	-2.51095	2.4234
windSpeed	m/s	19.8956	2.15888	13.8016	26.005
FJettyLine1	N	114041	47038.9	0	298413
FJettyLine2	N	112931	48047.4	0	301692
FJettyLine3	N	85634.3	40177.1	0	265050
FJettyLine4	N	72710.7	27470	0	177155
FJettyLine5	N	73115.4	26890.2	0	181657
FJettyLine6	N	90204.4	39793.8	0	235228
FJettyLine7	N	133865	63005.6	0	399735
FJettyLine8	N	133759	62979	0	399311
FJettyLine9	N	149721	69011.9	0	557895
FJettyLine10	N	149776	66697.5	0	538797
FJettyLine11	N	134878	44374	0	357189
FJettyLine12	N	126877	26976.1	38113	245375
FJettyLine13	N	129193	25411	44494.1	241885
FJettyLine14	N	129581	25175.3	16760.4	221954
FJettyLine15	N	137153	50850.3	0	368462
FJettyLine16	N	137153	50850.3	0	368462
FJettyFend1	N	819267	174814	251096	1535080
FJettyFend2	N	914499	172318	396189	1635260
FJettyFend3	N	1148850	257689	244377	2015870

loaded_240degN_RP50yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.47868	0.512679	1.59163	5.09577
yCOG_FSRU	m	0.266946	0.0603495	0.0931224	0.481777
zCOG_FSRU	m	9.2006	0.0873301	8.89806	9.47845
xREF_FSRU	m	-0.0107547	0.511379	-1.93445	1.6171
yREF_FSRU	m	0.414639	0.121447	0.0430565	0.838447
zREF_FSRU	m	-10.7985	0.08263	-11.0864	-10.5331
ROLL_FSRU	rad	0.00759421	0.00507678	-0.0075599	0.0246071
PITCH_FSRU	rad	1.09729E-05	0.00185537	-0.0066137	0.0064528
YAW_FSRU	rad	0.00120193	0.00116949	-0.00291869	0.00575109
distManExc	m	0.541926	0.258186	0.0152172	1.91771
xManExc	m	0.0328823	0.511127	-1.54651	1.87989
yManExc	m	-0.213864	0.0761718	-0.449157	0.0146618
zManExc	m	-0.143339	0.161016	-0.790884	0.457902
WaveHeight-COG	m	-0.000713436	0.650113	-2.6013	2.53028
windSpeed	m/s	20.6955	2.23713	14.3548	27.0478
FJettyLine1	N	113683	64167.3	0	369727
FJettyLine2	N	112713	65330.4	0	374459
FJettyLine3	N	82406.8	51732.8	0	273586
FJettyLine4	N	65902.3	33190.1	0	169684
FJettyLine5	N	66023.8	32503	0	167046
FJettyLine6	N	84211.9	51489.3	0	262470
FJettyLine7	N	131997	85962.1	0	483477
FJettyLine8	N	131842	85906.5	0	482963
FJettyLine9	N	154108	96796.5	0	689260
FJettyLine10	N	153680	93650.5	0	662066
FJettyLine11	N	133112	62277	0	364541
FJettyLine12	N	122382	40676.9	0	274041
FJettyLine13	N	125206	38322.9	0	266820
FJettyLine14	N	125301	39480.6	0	277089
FJettyLine15	N	134148	71257.6	0	437599
FJettyLine16	N	134148	71257.6	0	437599
FJettyFend1	N	841386	265582	0	1849650
FJettyFend2	N	944960	211001	316297	1655760
FJettyFend3	N	1200280	260984	367455	2047780

ballasted_240degN_RP50yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.0599	0.432559	2.3277	5.63251
yCOG_FSRU	m	0.3036	0.0720727	0.0699067	0.542745
zCOG_FSRU	m	3.75401	0.0824839	3.47491	4.02944
xREF_FSRU	m	-0.00722894	0.431892	-1.73458	1.56352
yREF_FSRU	m	0.317543	0.149021	-0.190093	0.851179
zREF_FSRU	m	-9.3454	0.0763423	-9.60233	-9.09289
ROLL_FSRU	rad	0.00142715	0.00883845	-0.0281422	0.0302183
PITCH_FSRU	rad	9.49779E-06	0.00196289	-0.00702497	0.006937
YAW_FSRU	rad	0.00116951	0.000885926	-0.00241099	0.00474138
distManExc	m	0.536049	0.233086	0.0110317	1.81369
xManExc	m	0.0290713	0.432912	-1.55145	1.75494
yManExc	m	-0.308215	0.168313	-0.879604	0.262348
zManExc	m	-0.0299662	0.170869	-0.679355	0.629374
WaveHeight-COG	m	-0.000607083	0.650133	-2.60882	2.53333
windSpeed	m/s	20.6955	2.23713	14.3548	27.0478
FJettyLine1	N	113713	55368.1	0	356032
FJettyLine2	N	112671	56435	0	360593
FJettyLine3	N	83431.2	46397.8	0	266129
FJettyLine4	N	68430.5	30120	0	171521
FJettyLine5	N	68952.6	29621.8	0	169182
FJettyLine6	N	86259.7	44780.5	0	273929
FJettyLine7	N	132581	73337.9	0	499610
FJettyLine8	N	132471	73300.8	0	499186
FJettyLine9	N	153338	81913.7	0	646450
FJettyLine10	N	153109	79150.2	0	621114
FJettyLine11	N	135634	52393.4	0	384628
FJettyLine12	N	126520	31455.2	3091.87	249628
FJettyLine13	N	128909	29678.4	11607	246122
FJettyLine14	N	128252	29309.5	12477.6	232643
FJettyLine15	N	135696	59588.7	0	374627
FJettyLine16	N	135696	59588.7	0	374627
FJettyFend1	N	852299	194961	107078	1487260
FJettyFend2	N	953039	189559	292393	1614400
FJettyFend3	N	1201150	284575	375913	2097560

loaded_240degN_RP100yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.46304	0.629543	1.12883	5.44895
yCOG_FSRU	m	0.28306	0.0713997	0.0673776	0.6221
zCOG_FSRU	m	9.20068	0.0950572	8.88231	9.50884
xREF_FSRU	m	-0.0264172	0.627924	-2.40118	1.96945
yREF_FSRU	m	0.436011	0.137236	-0.120344	0.921271
zREF_FSRU	m	-10.7983	0.0898381	-11.0969	-10.5024
ROLL_FSRU	rad	0.00787242	0.00587603	-0.0153912	0.0307217
PITCH_FSRU	rad	1.02419E-05	0.00206062	-0.00730968	0.00719359
YAW_FSRU	rad	0.00128994	0.00150535	-0.00569795	0.00707036
distManExc	m	0.639268	0.319452	0.0306716	2.40761
xManExc	m	0.0501885	0.627001	-1.9251	2.35665
yManExc	m	-0.229128	0.0922253	-0.637708	0.0790196
zManExc	m	-0.148618	0.178805	-0.829599	0.442333
WaveHeight-COG	m	-0.000732321	0.699786	-2.79404	2.72223
windSpeed	m/s	21.399	2.29576	13.4647	28.7856
FJettyLine1	N	115212	77681.5	0	448500
FJettyLine2	N	114431	78995.4	0	457857
FJettyLine3	N	81789.6	61491.1	0	362699
FJettyLine4	N	61571.7	38930.2	0	227474
FJettyLine5	N	61788.6	38311.9	0	231291
FJettyLine6	N	80738.5	60054.2	0	328430
FJettyLine7	N	133298	103938	0	629904
FJettyLine8	N	133136	103860	0	629166
FJettyLine9	N	162971	120643	0	903101
FJettyLine10	N	161893	116556	0	856388
FJettyLine11	N	135759	75616.7	0	481584
FJettyLine12	N	122582	50236	0	330486
FJettyLine13	N	125339	47554.9	0	316671
FJettyLine14	N	123982	48955.9	0	298361
FJettyLine15	N	134447	85353.6	0	470623
FJettyLine16	N	134447	85353.6	0	470623
FJettyFend1	N	879427	323348	0	2112050
FJettyFend2	N	990246	248819	126757	2011790
FJettyFend3	N	1263580	312857	193624	2417070

ballasted_240degN_RP100yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.04754	0.535851	1.94969	5.96682
yCOG_FSRU	m	0.319989	0.0788121	0.0701934	0.600784
zCOG_FSRU	m	3.75408	0.0906436	3.44594	4.06462
xREF_FSRU	m	-0.0195771	0.535063	-2.10707	1.89585
yREF_FSRU	m	0.334584	0.170402	-0.236892	0.960085
zREF_FSRU	m	-9.34514	0.0837992	-9.62373	-9.0624
ROLL_FSRU	rad	0.00150186	0.0102754	-0.0329293	0.035992
PITCH_FSRU	rad	8.96986E-06	0.00219692	-0.00785515	0.00796376
YAW_FSRU	rad	0.00125021	0.00109868	-0.00377406	0.00564406
distManExc	m	0.62022	0.293269	0.0085925	2.14436
xManExc	m	0.0429717	0.535582	-1.90322	2.11955
yManExc	m	-0.325138	0.193652	-1.0131	0.341244
zManExc	m	-0.031206	0.19441	-0.711599	0.61883
WaveHeight-COG	m	-0.000589059	0.699807	-2.80279	2.7315
windSpeed	m/s	21.3955	2.30515	14.8403	27.9588
FJettyLine1	N	114232	66961.8	0	451606
FJettyLine2	N	113300	68183.4	0	460470
FJettyLine3	N	81826.3	54211.6	0	326840
FJettyLine4	N	63795.5	34068	0	233579
FJettyLine5	N	64457.5	33430.4	0	214951
FJettyLine6	N	82627.4	52519.2	0	382917
FJettyLine7	N	132838	89627	0	638203
FJettyLine8	N	132722	89574.4	0	637633
FJettyLine9	N	159843	103011	0	797719
FJettyLine10	N	159132	99461	0	761823
FJettyLine11	N	137423	64315	0	445237
FJettyLine12	N	126557	39086.5	0	284536
FJettyLine13	N	128971	36948.7	0	275882
FJettyLine14	N	126979	37134.5	0	249409
FJettyLine15	N	135333	72570	0	413860
FJettyLine16	N	135333	72570	0	413860
FJettyFend1	N	888289	231958	125457	1750490
FJettyFend2	N	996004	212455	331828	1743700
FJettyFend3	N	1260790	315106	156122	2435240

loaded_90degN_RP25yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.60408	0.253408	2.67851	4.41732
yCOG_FSRU	m	-0.222007	0.236344	-0.907676	0.257887
zCOG_FSRU	m	9.20141	0.0523237	9.01892	9.37089
xREF_FSRU	m	0.114925	0.252929	-0.831921	0.929925
yREF_FSRU	m	-0.249989	0.276381	-0.999503	0.457925
zREF_FSRU	m	-10.7975	0.0495729	-10.9711	-10.6384
ROLL_FSRU	rad	-0.00128372	0.00998589	-0.0316621	0.0282173
PITCH_FSRU	rad	0.000013569	0.00111289	-0.00398034	0.00393756
YAW_FSRU	rad	0.000662196	0.0006529	-0.0014609	0.00284052
distManExc	m	0.437341	0.211693	0.0312099	1.20599
xManExc	m	-0.102617	0.253221	-0.903281	0.81701
yManExc	m	0.190531	0.288003	-0.506845	1.00966
zManExc	m	0.0237975	0.204	-0.56558	0.720013
WaveHeight-COG	m	-0.000135206	0.400317	-1.60616	1.55808
windSpeed	m/s	19.5956	2.1294	13.5946	25.6134
FJettyLine1	N	147101	29458.6	31580.6	254726
FJettyLine2	N	147087	30282.2	28891.3	257096
FJettyLine3	N	160761	33323.3	38308.4	274754
FJettyLine4	N	177330	43819.3	86639.3	324276
FJettyLine5	N	176809	42637.9	89733.4	321073
FJettyLine6	N	181223	47519.5	60906.8	347218
FJettyLine7	N	174152	47934.1	4809.55	343860
FJettyLine8	N	174222	47947.7	4989.82	343986
FJettyLine9	N	140419	45095.5	0	336847
FJettyLine10	N	140314	43619.4	0	326985
FJettyLine11	N	174357	36297.1	43485.7	297385
FJettyLine12	N	201360	47773.7	81686.2	355889
FJettyLine13	N	196185	43134.6	85715.2	332073
FJettyLine14	N	210349	52766.8	67455.9	401463
FJettyLine15	N	200586	53185.4	44376.2	401076
FJettyLine16	N	200586	53185.4	44376.2	401076
FJettyFend1	N	58499.9	141551	0	982196
FJettyFend2	N	65747	148582	0	921164
FJettyFend3	N	96795.6	182857	0	928657

ballasted_90degN_RP25yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.18452	0.184026	3.52073	4.7663
yCOG_FSRU	m	-0.224562	0.231008	-0.967731	0.272474
zCOG_FSRU	m	3.75442	0.0494448	3.58408	3.91581
xREF_FSRU	m	0.117376	0.183859	-0.548019	0.705264
yREF_FSRU	m	-0.236035	0.230863	-1.03037	0.300187
zREF_FSRU	m	-9.34547	0.0458645	-9.50422	-9.19802
ROLL_FSRU	rad	-0.000677859	0.00267532	-0.00997455	0.00814713
PITCH_FSRU	rad	1.18956E-05	0.00116198	-0.00421092	0.00407102
YAW_FSRU	rad	0.000637767	0.000657431	-0.001659	0.00285006
distManExc	m	0.3403	0.180408	0.00787794	1.05184
xManExc	m	-0.105647	0.185084	-0.719334	0.540159
yManExc	m	0.195344	0.242388	-0.391152	0.978025
zManExc	m	0.00879082	0.0771087	-0.299665	0.33928
WaveHeight-COG	m	-0.000128323	0.400325	-1.60999	1.55656
windSpeed	m/s	19.5956	2.1294	13.5946	25.6134
FJettyLine1	N	146731	29344.2	47100.6	262191
FJettyLine2	N	146699	30239.3	44641.3	265148
FJettyLine3	N	160453	40293	42801.5	313130
FJettyLine4	N	177090	47186.6	75683.7	335308
FJettyLine5	N	176460	46945	74912.4	334456
FJettyLine6	N	180746	41504	81604.6	329613
FJettyLine7	N	173789	33860.5	62229.4	311249
FJettyLine8	N	173849	33879.9	62330.1	311462
FJettyLine9	N	139280	33123.2	26907.7	261722
FJettyLine10	N	139301	31979.3	29385	256967
FJettyLine11	N	172515	32952.4	67319.1	308078
FJettyLine12	N	198941	44431.1	94614.4	390985
FJettyLine13	N	193995	40141.9	98334.6	365428
FJettyLine14	N	208054	43928.3	89752	364128
FJettyLine15	N	198903	38636.3	58430.1	318726
FJettyLine16	N	198903	38636.3	58430.1	318726
FJettyFend1	N	47287.4	120684	0	852973
FJettyFend2	N	59741.1	138431	0	905983
FJettyFend3	N	104126	202232	0	1084690

loaded_270degN_RP1yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.58329	0.0687377	3.32948	3.81548
yCOG_FSRU	m	0.223427	0.0420021	0.120511	0.336064
zCOG_FSRU	m	9.20057	0.0299403	9.09599	9.30641
xREF_FSRU	m	0.0941172	0.0688355	-0.172297	0.33201
yREF_FSRU	m	0.362567	0.0934735	0.0679239	0.644882
zREF_FSRU	m	-10.7988	0.0282758	-10.8981	-10.6989
ROLL_FSRU	rad	0.00701055	0.00344701	-0.00366658	0.017271
PITCH_FSRU	rad	7.03526E-06	0.00066182	-0.00220793	0.00222609
YAW_FSRU	rad	0.000306742	0.000429944	-0.00108511	0.00192092
distManExc	m	0.244625	0.0487661	0.0859975	0.456729
xManExc	m	-0.0885736	0.0700536	-0.31725	0.181053
yManExc	m	-0.152698	0.048231	-0.281226	-0.0257914
zManExc	m	-0.132531	0.0791167	-0.426594	0.161005
WaveHeight-COG	m	-6.70019E-05	0.274846	-1.10794	1.06653
windSpeed	m/s	18.4957	2.02061	12.8299	24.1753
FJettyLine1	N	115070	9555.14	81329.7	150102
FJettyLine2	N	113918	9847.95	79320.3	149981
FJettyLine3	N	98370.8	11044.3	59658.8	134383
FJettyLine4	N	98740.2	11047.5	63961	133408
FJettyLine5	N	97323.6	10988.3	63809.8	132278
FJettyLine6	N	117668	10415.6	72657.5	156181
FJettyLine7	N	153798	11900.6	106005	194592
FJettyLine8	N	153667	11901.1	105874	194560
FJettyLine9	N	126077	12831.3	83789.9	177652
FJettyLine10	N	127297	12363.4	86479	177002
FJettyLine11	N	111215	14496.4	60298.2	166444
FJettyLine12	N	102251	18773.4	43767.3	159360
FJettyLine13	N	106489	17088.4	52508.7	158855
FJettyLine14	N	116562	16960.4	59266.8	171722
FJettyLine15	N	138061	13822.3	82344.5	183242
FJettyLine16	N	138061	13822.3	82344.5	183242
FJettyFend1	N	847029	185619	313640	1377860
FJettyFend2	N	873449	161765	435012	1335180
FJettyFend3	N	938075	132432	597421	1314430

ballasted_270degN_RP1yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.1631	0.0625546	3.94522	4.37085
yCOG_FSRU	m	0.257495	0.0493181	0.122432	0.403103
zCOG_FSRU	m	3.75395	0.0292531	3.65066	3.85607
xREF_FSRU	m	0.0960153	0.062487	-0.131094	0.310435
yREF_FSRU	m	0.272354	0.06898	0.0557557	0.526951
zREF_FSRU	m	-9.34594	0.0270718	-9.44173	-9.25154
ROLL_FSRU	rad	0.00122036	0.00325353	-0.0101024	0.013004
PITCH_FSRU	rad	5.95282E-06	0.000693855	-0.00243937	0.00229121
YAW_FSRU	rad	0.000277419	0.000461313	-0.00120289	0.00182159
distManExc	m	0.278568	0.0637437	0.0803851	0.520985
xManExc	m	-0.090956	0.0653354	-0.312701	0.122601
yManExc	m	-0.242697	0.0743743	-0.469584	-0.00371803
zManExc	m	-0.0267406	0.0630338	-0.279388	0.215452
WaveHeight-COG	m	-5.99049E-05	0.274855	-1.10892	1.049
windSpeed	m/s	18.4957	2.02061	12.8299	24.1753
FJettyLine1	N	115524	10024	83097.3	154481
FJettyLine2	N	114416	10346.9	81041.4	154652
FJettyLine3	N	99855	13636.7	53318.8	151021
FJettyLine4	N	100886	15024	47686.7	150980
FJettyLine5	N	99841	14845.1	47170	148631
FJettyLine6	N	119853	12771	71313.1	164509
FJettyLine7	N	155669	11244.3	119026	193902
FJettyLine8	N	155579	11245.9	118987	193844
FJettyLine9	N	127295	11617.6	87581.5	169631
FJettyLine10	N	128394	11209.7	90165	169194
FJettyLine11	N	113823	11787.6	68925.4	153552
FJettyLine12	N	106111	14491.5	55546	149648
FJettyLine13	N	109892	13208.4	63194	149851
FJettyLine14	N	119044	13304	72022.4	162604
FJettyLine15	N	139806	11554.2	95914.2	175668
FJettyLine16	N	139806	11554.2	95914.2	175668
FJettyFend1	N	858495	157063	359345	1379150
FJettyFend2	N	882379	145886	444402	1340440
FJettyFend3	N	940855	162410	474181	1451970

loaded_270degN_RP5yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.56507	0.181375	2.85323	4.21729
yCOG_FSRU	m	0.266512	0.0554468	0.116428	0.425042
zCOG_FSRU	m	9.20045	0.0471753	9.03383	9.36116
xREF_FSRU	m	0.0759141	0.181015	-0.648738	0.721078
yREF_FSRU	m	0.430913	0.124127	0.051751	0.830961
zREF_FSRU	m	-10.7986	0.0446382	-10.9572	-10.6456
ROLL_FSRU	rad	0.00827254	0.00460839	-0.006734	0.0231541
PITCH_FSRU	rad	6.35058E-06	0.00101364	-0.00364279	0.00345194
YAW_FSRU	rad	0.000300445	0.00062506	-0.00217554	0.00280285
distManExc	m	0.320956	0.0939766	0.066015	0.785696
xManExc	m	-0.0704506	0.181726	-0.713278	0.654739
yManExc	m	-0.181204	0.0637197	-0.372882	-0.00308114
zManExc	m	-0.156113	0.112206	-0.578484	0.242102
WaveHeight-COG	m	-0.000193442	0.398531	-1.609	1.55246
windSpeed	m/s	21.2955	2.29546	14.7709	27.8287
FJettyLine1	N	113063	23480.5	26198.6	209226
FJettyLine2	N	111851	24087	23257.3	210779
FJettyLine3	N	92109.8	21429.5	7988.68	176920
FJettyLine4	N	89277.4	16096.3	31392.1	139392
FJettyLine5	N	87922.7	15878.9	30488.5	137468
FJettyLine6	N	108865	20795.3	23161.6	177897
FJettyLine7	N	148942	31103.9	20952.1	267684
FJettyLine8	N	148788	31095	20820.3	267539
FJettyLine9	N	127388	33293	5989.64	268728
FJettyLine10	N	128618	32180.6	10252.3	264479
FJettyLine11	N	106606	27054.5	3276.35	217751
FJettyLine12	N	93381.2	27450.3	0	181121
FJettyLine13	N	98478.7	25253.2	5459.8	180567
FJettyLine14	N	106841	25321.4	10449.6	195117
FJettyLine15	N	130207	28387	8765.56	243164
FJettyLine16	N	130207	28387	8765.56	243164
FJettyFend1	N	992395	252339	233264	1816720
FJettyFend2	N	1018170	216930	404965	1723150
FJettyFend3	N	1081560	177057	613201	1652290

ballasted_270degN_RP5yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.146	0.132786	3.65429	4.55793
yCOG_FSRU	m	0.306853	0.0653933	0.117385	0.495729
zCOG_FSRU	m	3.7539	0.0455441	3.59347	3.90645
xREF_FSRU	m	0.0789239	0.132588	-0.422933	0.491824
yREF_FSRU	m	0.32565	0.101197	-0.049071	0.70136
zREF_FSRU	m	-9.34587	0.0421882	-9.49469	-9.20617
ROLL_FSRU	rad	0.00151756	0.00521821	-0.0157153	0.0199901
PITCH_FSRU	rad	5.60225E-06	0.00106368	-0.00388622	0.00364128
YAW_FSRU	rad	0.000266554	0.000631342	-0.00206135	0.00251955
distManExc	m	0.345711	0.0949487	0.0734936	0.739301
xManExc	m	-0.0740498	0.135388	-0.489905	0.413933
yManExc	m	-0.286218	0.110019	-0.683651	0.0906511
zManExc	m	-0.0321584	0.09828	-0.408916	0.374923
WaveHeight-COG	m	-0.00016844	0.398554	-1.61239	1.5353
windSpeed	m/s	21.2955	2.29546	14.7709	27.8287
FJettyLine1	N	113639	18642	52834.1	181503
FJettyLine2	N	112462	19172.8	50232.4	182446
FJettyLine3	N	93902.9	20915.9	18918.9	176273
FJettyLine4	N	91839.8	20557.5	18762.4	166068
FJettyLine5	N	90908.6	20262.9	18276.5	163319
FJettyLine6	N	111614	19944.8	30857.2	188880
FJettyLine7	N	151236	22930.3	63544.2	229340
FJettyLine8	N	151132	22926.8	63442.5	229258
FJettyLine9	N	128836	24251	50474.7	218590
FJettyLine10	N	129949	23413.8	53679.1	216379
FJettyLine11	N	109782	20221.7	40805.5	176969
FJettyLine12	N	97961.7	20980.6	26417.2	164558
FJettyLine13	N	102563	19271.5	36544.2	163872
FJettyLine14	N	109950	19321.6	42304	179910
FJettyLine15	N	132464	20796.8	54137.1	207831
FJettyLine16	N	132464	20796.8	54137.1	207831
FJettyFend1	N	1005680	210965	332283	1697170
FJettyFend2	N	1028590	194495	456524	1622330
FJettyFend3	N	1085110	216511	425596	1735050

loaded_270degN_RP10yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.54796	0.293376	2.47505	4.54512
yCOG_FSRU	m	0.286946	0.0627067	0.1116	0.487815
zCOG_FSRU	m	9.2004	0.0625282	8.98236	9.40646
xREF_FSRU	m	0.0588262	0.292647	-1.03926	1.07672
yREF_FSRU	m	0.460999	0.138171	0.019415	0.914829
zREF_FSRU	m	-10.7985	0.059179	-11.0057	-10.6052
ROLL_FSRU	rad	0.00875631	0.00517063	-0.00734417	0.0252006
PITCH_FSRU	rad	5.44425E-06	0.00132551	-0.00482025	0.00456343
YAW_FSRU	rad	0.000307547	0.000769909	-0.00324346	0.00366756
distManExc	m	0.397239	0.141621	0.0560847	1.06881
xManExc	m	-0.0531883	0.293012	-1.0385	0.994052
yManExc	m	-0.196283	0.0724289	-0.449683	0.0223517
zManExc	m	-0.165149	0.134625	-0.621402	0.324975
WaveHeight-COG	m	-0.000170137	0.499134	-2.00942	1.94618
windSpeed	m/s	22.3954	2.4016	15.5364	29.2578
FJettyLine1	N	112798	37404.7	0	255000
FJettyLine2	N	111625	38292.5	0	257148
FJettyLine3	N	89608.5	31516.9	0	194655
FJettyLine4	N	84500.4	20100.7	4915.37	155348
FJettyLine5	N	83296.2	19628	6378.57	156689
FJettyLine6	N	103419	31722.1	0	207972
FJettyLine7	N	145287	51073.6	0	346483
FJettyLine8	N	145121	51055	0	346191
FJettyLine9	N	129768	53984	0	352021
FJettyLine10	N	130807	52340.5	0	343217
FJettyLine11	N	105550	38979.3	0	247132
FJettyLine12	N	90181	33326.6	0	211852
FJettyLine13	N	95567.3	30953.5	0	208488
FJettyLine14	N	102138	31841.9	0	227790
FJettyLine15	N	125480	43643.6	0	282744
FJettyLine16	N	125480	43643.6	0	282744
FJettyFend1	N	1058610	288908	111469	1984030
FJettyFend2	N	1085010	245515	360531	1901360
FJettyFend3	N	1150030	203360	593665	1731840

ballasted_270degN_RP10yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.13033	0.215206	3.30032	4.89698
yCOG_FSRU	m	0.329613	0.0733113	0.12175	0.550416
zCOG_FSRU	m	3.75388	0.0598248	3.54703	3.94648
xREF_FSRU	m	0.0632644	0.214863	-0.773405	0.837654
yREF_FSRU	m	0.350149	0.125656	-0.0499236	0.77951
zREF_FSRU	m	-9.34576	0.0554211	-9.5386	-9.16705
ROLL_FSRU	rad	0.00165241	0.00686848	-0.0207734	0.0232436
PITCH_FSRU	rad	5.02826E-06	0.00139493	-0.00509687	0.00488526
YAW_FSRU	rad	0.000273487	0.000738733	-0.00291123	0.00326041
distManExc	m	0.406968	0.124683	0.0169181	0.951274
xManExc	m	-0.058228	0.217347	-0.809503	0.747489
yManExc	m	-0.306527	0.136647	-0.738617	0.197489
zManExc	m	-0.0345101	0.129292	-0.463017	0.427275
WaveHeight-COG	m	-0.00011822	0.499154	-2.01183	1.92985
windSpeed	m/s	22.3954	2.4016	15.5364	29.2578
FJettyLine1	N	113350	28747.1	7101.72	232348
FJettyLine2	N	112191	29486	4057.08	234544
FJettyLine3	N	91486.5	28004.9	0	217274
FJettyLine4	N	87219.7	23674.5	0	173832
FJettyLine5	N	86448.2	23279.3	0	173057
FJettyLine6	N	106601	27028.5	0	197662
FJettyLine7	N	147818	37120.6	8449.71	283123
FJettyLine8	N	147707	37110.1	8458.96	282870
FJettyLine9	N	130868	39464.5	0	290401
FJettyLine10	N	131900	38154.6	0	285192
FJettyLine11	N	108857	29399.6	1396.57	208247
FJettyLine12	N	94964.8	25925	0	193162
FJettyLine13	N	99872.6	23981	10532	190593
FJettyLine14	N	105594	24092.8	1297.28	187137
FJettyLine15	N	128102	31729.6	7117.42	242069
FJettyLine16	N	128102	31729.6	7117.42	242069
FJettyFend1	N	1072270	240027	284858	1946790
FJettyFend2	N	1095770	219095	424148	1830200
FJettyFend3	N	1153880	243462	354138	1931650

loaded_270degN_RP25yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.53752	0.357688	2.16761	4.703
yCOG_FSRU	m	0.308634	0.0694687	0.0990007	0.517584
zCOG_FSRU	m	9.20038	0.0724067	8.9499	9.4301
xREF_FSRU	m	0.0484004	0.356825	-1.35024	1.22403
yREF_FSRU	m	0.494956	0.155072	-0.0167666	1.11022
zREF_FSRU	m	-10.7984	0.0685373	-11.0364	-10.5795
ROLL_FSRU	rad	0.00936954	0.00586398	-0.0103794	0.0320028
PITCH_FSRU	rad	4.67655E-06	0.00153093	-0.00549767	0.00530621
YAW_FSRU	rad	0.000306089	0.000911142	-0.0033917	0.00376342
distManExc	m	0.452827	0.17343	0.0358125	1.32394
xManExc	m	-0.0427541	0.356906	-1.18864	1.2884
yManExc	m	-0.210883	0.0812139	-0.441574	0.0184261
zManExc	m	-0.176638	0.153791	-0.8103	0.352088
WaveHeight-COG	m	-0.000568536	0.551477	-2.20552	2.14587
windSpeed	m/s	23.5954	2.51623	16.3752	30.8174
FJettyLine1	N	111891	46227.2	0	295387
FJettyLine2	N	110742	47251.2	0	298111
FJettyLine3	N	86638.5	38702	0	220078
FJettyLine4	N	79690	23380.6	0	174503
FJettyLine5	N	78547.2	22990.7	0	175837
FJettyLine6	N	98694.5	37406.9	0	236083
FJettyLine7	N	142837	62305	0	387031
FJettyLine8	N	142661	62275.6	0	386748
FJettyLine9	N	131354	65986.3	0	440705
FJettyLine10	N	132223	64050.9	0	428297
FJettyLine11	N	103604	47165.5	0	265102
FJettyLine12	N	86038.2	38951.3	0	225166
FJettyLine13	N	91691.1	36516.7	0	219889
FJettyLine14	N	97186.9	36696.3	0	224903
FJettyLine15	N	121485	51969.4	0	308292
FJettyLine16	N	121485	51969.4	0	308292
FJettyFend1	N	1131750	325581	128900	2177050
FJettyFend2	N	1158170	274660	280249	2076560
FJettyFend3	N	1223050	230478	531505	2014620

ballasted_270degN_RP25yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.11961	0.282054	2.94873	5.19133
yCOG_FSRU	m	0.354262	0.0819606	0.118505	0.656463
zCOG_FSRU	m	3.75391	0.0687379	3.51967	3.97837
xREF_FSRU	m	0.0525617	0.281647	-1.11803	1.12618
yREF_FSRU	m	0.376696	0.143878	-0.0892833	0.900523
zREF_FSRU	m	-9.34561	0.0636411	-9.56268	-9.13857
ROLL_FSRU	rad	0.00179685	0.00796465	-0.0218869	0.026306
PITCH_FSRU	rad	4.34759E-06	0.0016169	-0.00581991	0.00564668
YAW_FSRU	rad	0.000272298	0.000857696	-0.00338424	0.00322365
distManExc	m	0.462587	0.157869	0.0317544	1.3615
xManExc	m	-0.047517	0.283753	-1.08902	1.13485
yManExc	m	-0.328369	0.156764	-0.899276	0.235743
zManExc	m	-0.0371306	0.149519	-0.564816	0.505759
WaveHeight-COG	m	-0.000493325	0.551479	-2.21015	2.1369
windSpeed	m/s	23.5954	2.51623	16.3752	30.8174
FJettyLine1	N	112541	37212	0	258558
FJettyLine2	N	111394	38085.9	0	261324
FJettyLine3	N	88669.6	34292.5	0	248508
FJettyLine4	N	82542.2	27023	0	183513
FJettyLine5	N	81865.3	26554	0	188363
FJettyLine6	N	101979	33403.3	0	230149
FJettyLine7	N	145333	49132.1	0	343925
FJettyLine8	N	145214	49114.7	0	343582
FJettyLine9	N	132302	52218.3	0	397509
FJettyLine10	N	133216	50563.1	0	387231
FJettyLine11	N	107052	37428	0	261650
FJettyLine12	N	91097.1	30809.3	0	203151
FJettyLine13	N	96350	28654.9	0	200344
FJettyLine14	N	100885	28830.6	0	192318
FJettyLine15	N	124083	41113.4	0	292572
FJettyLine16	N	124083	41113.4	0	292572
FJettyFend1	N	1145780	271562	278514	2165940
FJettyFend2	N	1169270	246206	439645	2097080
FJettyFend3	N	1227060	273461	299005	2070120

loaded_270degN_RP50yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.5318	0.394625	2.05489	4.82964
yCOG_FSRU	m	0.325027	0.0759993	0.105665	0.555994
zCOG_FSRU	m	9.20031	0.0774647	8.9322	9.44805
xREF_FSRU	m	0.0426914	0.393702	-1.4669	1.35069
yREF_FSRU	m	0.521425	0.167934	-0.000730323	1.08957
zREF_FSRU	m	-10.7983	0.0732907	-11.0532	-10.5623
ROLL_FSRU	rad	0.0098721	0.00636626	-0.00978187	0.0317338
PITCH_FSRU	rad	4.23644E-06	0.0016468	-0.00585827	0.00570041
YAW_FSRU	rad	0.000298775	0.000997772	-0.00324489	0.00400787
distManExc	m	0.490029	0.187977	0.0563532	1.45352
xManExc	m	-0.0371535	0.393719	-1.31459	1.3948
yManExc	m	-0.221297	0.089558	-0.472766	0.0304519
zManExc	m	-0.185978	0.165794	-0.759396	0.438905
WaveHeight-COG	m	-0.000576289	0.575095	-2.30053	2.24982
windSpeed	m/s	24.4953	2.60142	17.0068	31.9894
FJettyLine1	N	111144	50483	0	300937
FJettyLine2	N	110018	51538.5	0	304472
FJettyLine3	N	84454.4	41763.6	0	239131
FJettyLine4	N	76196.7	25382.6	0	157470
FJettyLine5	N	75078	24830.9	0	156026
FJettyLine6	N	95501.9	41296.1	0	228563
FJettyLine7	N	141549	68615.1	0	416604
FJettyLine8	N	141364	68579.8	0	416118
FJettyLine9	N	132296	72423.7	0	468406
FJettyLine10	N	133062	70330.9	0	456500
FJettyLine11	N	102047	50849.3	0	272190
FJettyLine12	N	82916.3	41606.2	0	230145
FJettyLine13	N	88683.1	39347.7	0	225096
FJettyLine14	N	93402.2	40314.9	0	234548
FJettyLine15	N	118702	57239.1	0	351178
FJettyLine16	N	118702	57239.1	0	351178
FJettyFend1	N	1188080	356000	111990	2300880
FJettyFend2	N	1214340	300205	343704	2091880
FJettyFend3	N	1278030	248621	449394	1994250

ballasted_270degN_RP50yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.11296	0.337485	2.74452	5.34929
yCOG_FSRU	m	0.373096	0.0883459	0.102294	0.648995
zCOG_FSRU	m	3.75388	0.0731796	3.50661	3.99863
xREF_FSRU	m	0.045922	0.337009	-1.31748	1.2788
yREF_FSRU	m	0.397121	0.152713	-0.130126	0.947317
zREF_FSRU	m	-9.3456	0.0676922	-9.57309	-9.12101
ROLL_FSRU	rad	0.00191669	0.00840168	-0.0262646	0.0291958
PITCH_FSRU	rad	3.95036E-06	0.0017451	-0.00621263	0.00615448
YAW_FSRU	rad	0.000267253	0.000942903	-0.00300309	0.00367724
distManExc	m	0.506504	0.18324	0.0198551	1.46742
xManExc	m	-0.0409509	0.338699	-1.2766	1.33219
yManExc	m	-0.344825	0.166692	-0.915974	0.223112
zManExc	m	-0.039294	0.159668	-0.651126	0.561186
WaveHeight-COG	m	-0.000481561	0.575112	-2.3084	2.24483
windSpeed	m/s	24.4953	2.60142	17.0068	31.9894
FJettyLine1	N	111838	44356.3	0	285331
FJettyLine2	N	110716	45333.8	0	287813
FJettyLine3	N	86508.6	39699.4	0	215355
FJettyLine4	N	79169	29228.6	0	180592
FJettyLine5	N	78551.9	28741.6	0	176779
FJettyLine6	N	98705.5	38163.1	0	238337
FJettyLine7	N	143958	58864	0	409391
FJettyLine8	N	143833	58838.6	0	408994
FJettyLine9	N	133510	62334.1	0	464838
FJettyLine10	N	134277	60430.5	0	451805
FJettyLine11	N	105530	43977.2	0	291247
FJettyLine12	N	88013.1	34666.1	0	200924
FJettyLine13	N	93484.9	32475.8	0	197809
FJettyLine14	N	97242.5	32261.3	0	197802
FJettyLine15	N	121256	48338.5	0	308585
FJettyLine16	N	121256	48338.5	0	308585
FJettyFend1	N	1202360	294755	196212	2129670
FJettyFend2	N	1225570	266387	340242	2055140
FJettyFend3	N	1281950	294826	429957	2163980

loaded_270degN_RP100yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.52629	0.447814	1.87417	4.97622
yCOG_FSRU	m	0.342515	0.0818096	0.0934645	0.680485
zCOG_FSRU	m	9.20025	0.08025	8.9285	9.45745
xREF_FSRU	m	0.0371921	0.446713	-1.64892	1.49808
yREF_FSRU	m	0.549505	0.185823	-0.0709948	1.26021
zREF_FSRU	m	-10.7981	0.0758578	-11.0526	-10.5483
ROLL_FSRU	rad	0.0103998	0.00700813	-0.0130915	0.0359339
PITCH_FSRU	rad	3.84963E-06	0.0017352	-0.00616154	0.00603263
YAW_FSRU	rad	0.000287446	0.00116185	-0.00434958	0.00454911
distManExc	m	0.537654	0.209942	0.0662874	1.63085
xManExc	m	-0.0318469	0.446575	-1.48337	1.56155
yManExc	m	-0.232381	0.0951117	-0.60106	0.0682611
zManExc	m	-0.195791	0.176982	-0.84865	0.451371
WaveHeight-COG	m	-0.00040319	0.599113	-2.39738	2.34797
windSpeed	m/s	25.3986	2.67415	15.9991	34.0933
FJettyLine1	N	110456	57470.3	0	336957
FJettyLine2	N	109375	58603	0	341270
FJettyLine3	N	82271.6	47601.4	0	274350
FJettyLine4	N	72614.6	29615	0	177666
FJettyLine5	N	71517.6	29037.9	0	179304
FJettyLine6	N	92202.8	46721.1	0	280897
FJettyLine7	N	140700	77762.2	0	481319
FJettyLine8	N	140505	77715.6	0	480793
FJettyLine9	N	133862	81704.4	0	520868
FJettyLine10	N	134429	79366.1	0	506179
FJettyLine11	N	100401	56901.6	0	309020
FJettyLine12	N	79584.4	45908.3	0	246805
FJettyLine13	N	85433.5	43693.9	0	242157
FJettyLine14	N	89695.6	44056	0	241006
FJettyLine15	N	116315	63328.9	0	364962
FJettyLine16	N	116315	63328.9	0	364962
FJettyFend1	N	1247790	387485	0	2821290
FJettyFend2	N	1273840	325383	221040	2595990
FJettyFend3	N	1335610	279419	443669	2285070

ballasted_270degN_RP100yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.10831	0.382178	2.61112	5.48842
yCOG_FSRU	m	0.392951	0.0942923	0.124955	0.689472
zCOG_FSRU	m	3.75385	0.0767559	3.49261	4.01503
xREF_FSRU	m	0.0412681	0.381641	-1.44919	1.41827
yREF_FSRU	m	0.418578	0.159473	-0.0861891	0.945543
zREF_FSRU	m	-9.34558	0.0709576	-9.58267	-9.1072
ROLL_FSRU	rad	0.00203819	0.00871005	-0.0262302	0.0300975
PITCH_FSRU	rad	3.80591E-06	0.00184845	-0.00654781	0.00658499
YAW_FSRU	rad	0.000264672	0.00106511	-0.0042789	0.00428258
distManExc	m	0.54548	0.20513	0.0220029	1.58196
xManExc	m	-0.0363343	0.383218	-1.4274	1.46082
yManExc	m	-0.362355	0.175128	-1.02941	0.258955
zManExc	m	-0.0415177	0.1666	-0.647453	0.563817
WaveHeight-COG	m	-0.000300648	0.599121	-2.40579	2.34214
windSpeed	m/s	25.3952	2.68595	17.6404	33.1593
FJettyLine1	N	110966	49749.5	0	318778
FJettyLine2	N	109868	50767	0	322757
FJettyLine3	N	84208.6	43748.7	0	293062
FJettyLine4	N	75703.3	31982.9	0	191800
FJettyLine5	N	75095.5	31428.6	0	199306
FJettyLine6	N	95631.2	42844.2	0	265327
FJettyLine7	N	143176	66700.8	0	450549
FJettyLine8	N	143045	66668.7	0	450038
FJettyLine9	N	134731	70143.3	0	514974
FJettyLine10	N	135367	68014.9	0	498896
FJettyLine11	N	103977	48640.8	0	316819
FJettyLine12	N	84709.7	38167.7	0	212328
FJettyLine13	N	90398.4	35943.4	0	208940
FJettyLine14	N	93637.4	36019.1	0	211279
FJettyLine15	N	118936	54034.3	0	319114
FJettyLine16	N	118936	54034.3	0	319114
FJettyFend1	N	1261450	319351	268927	2224380
FJettyFend2	N	1284640	285592	424714	2149290
FJettyFend3	N	1339470	315932	300572	2382270

loaded_300degN_RP1yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.69684	0.0835011	3.46447	3.91751
yCOG_FSRU	m	0.202336	0.0366334	0.11076	0.294257
zCOG_FSRU	m	9.2006	0.0191607	9.13368	9.27179
xREF_FSRU	m	0.20792	0.0833963	-0.0151716	0.416738
yREF_FSRU	m	0.333107	0.0910051	0.0563548	0.608267
zREF_FSRU	m	-10.7989	0.0178448	-10.8618	-10.7316
ROLL_FSRU	rad	0.00645019	0.00321405	-0.00355915	0.0161312
PITCH_FSRU	rad	6.0664E-07	0.000504686	-0.00180414	0.00173247
YAW_FSRU	rad	-0.000506814	0.000451408	-0.00198227	0.000926951
distManExc	m	0.289826	0.0697905	0.102757	0.513765
xManExc	m	-0.217366	0.0845986	-0.44515	0.0273723
yManExc	m	-0.115773	0.03909	-0.2248	-0.00857303
zManExc	m	-0.122203	0.0678225	-0.37478	0.117933
WaveHeight-COG	m	1.76495E-05	0.275039	-1.10089	1.12154
windSpeed	m/s	19.3956	2.1097	13.4568	25.3522
FJettyLine1	N	112880	10709.2	83445.8	146539
FJettyLine2	N	111783	11020.3	81552.5	146419
FJettyLine3	N	108889	9472.74	77756.1	139540
FJettyLine4	N	124488	6797.15	99377.7	147820
FJettyLine5	N	121643	6586.97	97202.1	144119
FJettyLine6	N	146639	9005.8	119442	174136
FJettyLine7	N	179484	14182.5	138808	219896
FJettyLine8	N	179362	14172	138683	219779
FJettyLine9	N	100803	16562	50941.4	148098
FJettyLine10	N	102876	15990.3	54500.6	148321
FJettyLine11	N	85933.3	18385.8	19377.6	141412
FJettyLine12	N	78618.3	22220.6	3074.51	144600
FJettyLine13	N	84435.3	20435.4	14244.2	145021
FJettyLine14	N	106143	18965.6	40791	162702
FJettyLine15	N	143097	15208.5	89452.4	193724
FJettyLine16	N	143097	15208.5	89452.4	193724
FJettyFend1	N	907205	195829	338539	1506580
FJettyFend2	N	863455	161782	401676	1337360
FJettyFend3	N	756691	96754.9	489317	1017530

ballasted_300degN_RP1yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.27679	0.0503301	4.11472	4.44802
yCOG_FSRU	m	0.23322	0.0402553	0.121998	0.357251
zCOG_FSRU	m	3.75395	0.0198266	3.68427	3.82584
xREF_FSRU	m	0.209799	0.0503125	0.0420913	0.37595
yREF_FSRU	m	0.249798	0.0494131	0.0980764	0.417379
zREF_FSRU	m	-9.34602	0.0181014	-9.41083	-9.2791
ROLL_FSRU	rad	0.00110011	0.00181753	-0.00458145	0.00698392
PITCH_FSRU	rad	2.95986E-07	0.000539397	-0.00186189	0.00181633
YAW_FSRU	rad	-0.000532699	0.00056795	-0.00240021	0.00112819
distManExc	m	0.304589	0.0482059	0.155875	0.484336
xManExc	m	-0.219845	0.0535151	-0.408405	-0.0507184
yManExc	m	-0.199034	0.0438426	-0.361249	-0.054164
zManExc	m	-0.0246877	0.0419109	-0.173131	0.126978
WaveHeight-COG	m	0.000016165	0.275044	-1.0884	1.09357
windSpeed	m/s	19.3956	2.1097	13.4568	25.3522
FJettyLine1	N	113294	7774.81	83318.5	145768
FJettyLine2	N	112242	8027.75	81403.3	145756
FJettyLine3	N	110228	9753.93	70932.5	148145
FJettyLine4	N	126459	10476.3	89002.7	163785
FJettyLine5	N	123927	10200.1	87065.2	159810
FJettyLine6	N	148687	9457.99	111391	186164
FJettyLine7	N	181218	9229.33	150231	215918
FJettyLine8	N	181137	9227.03	150126	215843
FJettyLine9	N	102137	10654.4	62009.4	134650
FJettyLine10	N	104123	10245.6	65166.8	135323
FJettyLine11	N	88474.2	15532.1	30902.5	139408
FJettyLine12	N	82175.1	20734.6	12893.7	144903
FJettyLine13	N	87608.7	19068	23287	145273
FJettyLine14	N	108440	18524.2	45593.2	163055
FJettyLine15	N	144745	12694	101214	186789
FJettyLine16	N	144745	12694	101214	186789
FJettyFend1	N	917672	190954	358313	1528610
FJettyFend2	N	871665	149492	436752	1341760
FJettyFend3	N	759441	90889.9	461862	1082100

loaded_300degN_RP5yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.71528	0.11941	3.3146	4.08963
yCOG_FSRU	m	0.229165	0.0455928	0.114299	0.345036
zCOG_FSRU	m	9.20052	0.0273284	9.10321	9.29829
xREF_FSRU	m	0.226459	0.119252	-0.175582	0.605817
yREF_FSRU	m	0.378063	0.113956	0.0345628	0.725319
zREF_FSRU	m	-10.7988	0.0256118	-10.891	-10.7065
ROLL_FSRU	rad	0.00732024	0.00403092	-0.00542305	0.0197234
PITCH_FSRU	rad	-1.7619E-06	0.000673995	-0.00236574	0.00224687
YAW_FSRU	rad	-0.000714963	0.000566598	-0.00261251	0.00146387
distManExc	m	0.329085	0.0948878	0.0965101	0.658011
xManExc	m	-0.239672	0.120669	-0.607059	0.173499
yManExc	m	-0.127006	0.0488807	-0.258359	0.00884163
zManExc	m	-0.138527	0.0871009	-0.457313	0.172919
WaveHeight-COG	m	-1.38314E-05	0.324899	-1.30655	1.21866
windSpeed	m/s	21.6955	2.33417	15.0489	28.3488
FJettyLine1	N	110476	15399.1	61045.5	159536
FJettyLine2	N	109328	15816.9	58955.7	159722
FJettyLine3	N	106770	13269.5	58731.7	149837
FJettyLine4	N	124252	8615.71	91170.7	153352
FJettyLine5	N	121048	8361.82	89689.9	149488
FJettyLine6	N	147910	12325.4	111275	191958
FJettyLine7	N	183121	20646.1	115839	251910
FJettyLine8	N	182983	20628.4	115769	251729
FJettyLine9	N	94567.4	23673	22615.8	172741
FJettyLine10	N	96843.3	22945.8	26781.1	172262
FJettyLine11	N	75454.2	24428.6	0	153931
FJettyLine12	N	65658.5	27933.9	0	156369
FJettyLine13	N	72348.7	26049.6	0	155824
FJettyLine14	N	96161.4	24289.1	16714.8	174952
FJettyLine15	N	139017	20323.4	56328.6	212431
FJettyLine16	N	139017	20323.4	56328.6	212431
FJettyFend1	N	1031670	245933	273927	1807010
FJettyFend2	N	969563	202673	382736	1588800
FJettyFend3	N	818730	121109	481566	1167540

ballasted_300degN_RP5yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.29584	0.0759374	3.98723	4.57642
yCOG_FSRU	m	0.264225	0.0501836	0.124108	0.427274
zCOG_FSRU	m	3.75392	0.0276649	3.65671	3.85398
xREF_FSRU	m	0.228874	0.0758877	-0.0751677	0.507038
yREF_FSRU	m	0.284292	0.0665081	0.0865307	0.518047
zREF_FSRU	m	-9.34602	0.0254204	-9.4361	-9.25372
ROLL_FSRU	rad	0.0013009	0.00283905	-0.00891641	0.0114167
PITCH_FSRU	rad	-1.74524E-06	0.000711723	-0.00249922	0.00234676
YAW_FSRU	rad	-0.00074368	0.000714956	-0.00285842	0.00146436
distManExc	m	0.342826	0.0674746	0.0839741	0.61462
xManExc	m	-0.242822	0.0792602	-0.530924	0.0896803
yManExc	m	-0.220718	0.0618822	-0.457653	-0.00565201
zManExc	m	-0.0284571	0.0590108	-0.252411	0.197113
WaveHeight-COG	m	-1.29595E-05	0.324896	-1.2975	1.20372
windSpeed	m/s	21.6955	2.33417	15.0489	28.3488
FJettyLine1	N	110974	11245.9	67208.1	153250
FJettyLine2	N	109868	11589.7	65065.2	153491
FJettyLine3	N	108297	13143.4	58726	155636
FJettyLine4	N	126456	13382.7	78981.6	172632
FJettyLine5	N	123593	13044.5	77422.7	169176
FJettyLine6	N	150242	12531.4	101996	195732
FJettyLine7	N	184961	13774.3	130391	237082
FJettyLine8	N	184870	13768.2	130316	236944
FJettyLine9	N	96086.7	15663	38820.1	157699
FJettyLine10	N	98296	15151.7	42330.8	157705
FJettyLine11	N	78277.3	20212.3	5873.62	154441
FJettyLine12	N	69548.7	26074.4	0	157223
FJettyLine13	N	75897	24192.3	0	156830
FJettyLine14	N	98822.4	23786.4	25340	171079
FJettyLine15	N	140934	16919.8	78767.9	201257
FJettyLine16	N	140934	16919.8	78767.9	201257
FJettyFend1	N	1043270	239153	290086	1801710
FJettyFend2	N	978614	186582	405535	1571760
FJettyFend3	N	821727	114542	457914	1193600

loaded_300degN_RP10yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.7214	0.110439	3.37516	4.06448
yCOG_FSRU	m	0.239407	0.0491173	0.111508	0.370809
zCOG_FSRU	m	9.20049	0.0314202	9.08835	9.31441
xREF_FSRU	m	0.232623	0.11038	-0.110296	0.590248
yREF_FSRU	m	0.394958	0.123035	0.0254815	0.770298
zREF_FSRU	m	-10.7987	0.0295148	-10.905	-10.6916
ROLL_FSRU	rad	0.00763945	0.00436142	-0.00636583	0.0209017
PITCH_FSRU	rad	-2.91317E-06	0.000756095	-0.00261236	0.00254924
YAW_FSRU	rad	-0.000792156	0.00061889	-0.00281193	0.00128742
distManExc	m	0.339865	0.0907356	0.103933	0.671369
xManExc	m	-0.24722	0.112061	-0.582428	0.0996559
yManExc	m	-0.131494	0.0528022	-0.289473	0.0189996
zManExc	m	-0.144517	0.0954048	-0.494773	0.225992
WaveHeight-COG	m	-8.47315E-05	0.350678	-1.40954	1.32407
windSpeed	m/s	22.4954	2.41119	15.6062	29.3876
FJettyLine1	N	109706	14484.7	61542	157220
FJettyLine2	N	108539	14884.4	59412.5	157484
FJettyLine3	N	106049	13138.6	55387	151584
FJettyLine4	N	124099	9679.45	86521.4	154225
FJettyLine5	N	120767	9421.64	81341	151116
FJettyLine6	N	148275	12193.1	107140	194708
FJettyLine7	N	184196	19172	125574	247115
FJettyLine8	N	184052	19155.4	125457	246942
FJettyLine9	N	92531.9	22239.4	20476.9	155834
FJettyLine10	N	94899.5	21556.3	24729.6	156094
FJettyLine11	N	71672.6	24787	0	149255
FJettyLine12	N	60959.7	29435.2	0	152195
FJettyLine13	N	67915.4	27579.3	0	151476
FJettyLine14	N	92326	26370.1	0	175834
FJettyLine15	N	137388	20526.6	49620.1	202816
FJettyLine16	N	137388	20526.6	49620.1	202816
FJettyFend1	N	1078910	266074	288360	1919720
FJettyFend2	N	1009920	218970	398692	1702410
FJettyFend3	N	842595	131489	477132	1244460

ballasted_300degN_RP10yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.3019	0.0886234	3.95873	4.61103
yCOG_FSRU	m	0.275988	0.0540697	0.110708	0.443392
zCOG_FSRU	m	3.75391	0.0315551	3.64429	3.86827
xREF_FSRU	m	0.234954	0.0885373	-0.105	0.542599
yREF_FSRU	m	0.297349	0.0741187	-0.0114346	0.542575
zREF_FSRU	m	-9.34601	0.0290527	-9.44787	-9.24018
ROLL_FSRU	rad	0.00137556	0.00332444	-0.0106443	0.0141662
PITCH_FSRU	rad	-2.65245E-06	0.000796008	-0.00272289	0.00264632
YAW_FSRU	rad	-0.000821138	0.000773111	-0.00317031	0.0015971
distManExc	m	0.358048	0.0762856	0.0744189	0.707444
xManExc	m	-0.250328	0.0919537	-0.558654	0.0968723
yManExc	m	-0.229029	0.0700999	-0.501267	0.00679031
zManExc	m	-0.0298534	0.0681087	-0.29469	0.235102
WaveHeight-COG	m	-8.56843E-05	0.350686	-1.40184	1.30264
windSpeed	m/s	22.4954	2.41119	15.6062	29.3876
FJettyLine1	N	110190	12854.3	60073.3	159798
FJettyLine2	N	109066	13239.9	57701.6	160272
FJettyLine3	N	107601	14568.9	45071.7	166143
FJettyLine4	N	126372	14537.8	69943.1	174890
FJettyLine5	N	123397	14169.6	67781.1	170642
FJettyLine6	N	150677	13910.1	97833.1	204698
FJettyLine7	N	186220	16045.8	124446	243158
FJettyLine8	N	186125	16038.3	124358	243025
FJettyLine9	N	93976.8	18032.2	34117.8	156674
FJettyLine10	N	96250.6	17469.3	37678.2	156681
FJettyLine11	N	74596.7	22140.6	0	153430
FJettyLine12	N	64992	27937.7	0	153413
FJettyLine13	N	71603.8	26096	0	153234
FJettyLine14	N	95131.1	25936.1	2796.16	173765
FJettyLine15	N	139376	18937	55133.7	204615
FJettyLine16	N	139376	18937	55133.7	204615
FJettyFend1	N	1090710	258317	312696	1913180
FJettyFend2	N	1019170	201381	426883	1669890
FJettyFend3	N	845752	123516	433052	1279750

loaded_300degN_RP25yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.7306	0.141759	3.1235	4.27938
yCOG_FSRU	m	0.253784	0.05406	0.115897	0.411583
zCOG_FSRU	m	9.20043	0.037742	9.06758	9.33618
xREF_FSRU	m	0.241889	0.141582	-0.364317	0.787821
yREF_FSRU	m	0.419069	0.136442	0.0159419	0.848097
zREF_FSRU	m	-10.7987	0.0356015	-10.9245	-10.6698
ROLL_FSRU	rad	0.00810641	0.00485507	-0.00709998	0.0230567
PITCH_FSRU	rad	-4.07013E-06	0.000861443	-0.0028575	0.00297264
YAW_FSRU	rad	-0.000905434	0.000696713	-0.00334662	0.00134146
distManExc	m	0.36415	0.11042	0.0893265	0.895064
xManExc	m	-0.258527	0.143218	-0.814194	0.361741
yManExc	m	-0.137436	0.058427	-0.30731	0.0265217
zManExc	m	-0.153249	0.107993	-0.547631	0.227431
WaveHeight-COG	m	-0.000109674	0.374534	-1.51183	1.42615
windSpeed	m/s	23.5954	2.51623	16.3752	30.8174
FJettyLine1	N	108450	18506.9	37895.8	185651
FJettyLine2	N	107268	18985.2	35470.6	186619
FJettyLine3	N	104945	16288.5	47414.1	173892
FJettyLine4	N	124006	11233.2	82273.4	161772
FJettyLine5	N	120486	10932.4	80808	156867
FJettyLine6	N	148932	15169.1	89228.7	217185
FJettyLine7	N	186191	24876.8	81321.5	292361
FJettyLine8	N	186039	24857.2	81197.5	292150
FJettyLine9	N	89252.7	27989.3	0	201703
FJettyLine10	N	91694.5	27205	0	200155
FJettyLine11	N	66228	28486.5	0	160922
FJettyLine12	N	54507.3	31955	0	159525
FJettyLine13	N	61675.6	30358.1	0	158641
FJettyLine14	N	86826.7	29671.4	0	177040
FJettyLine15	N	135069	24730.4	26246	233147
FJettyLine16	N	135069	24730.4	26246	233147
FJettyFend1	N	1146270	294818	290675	2058320
FJettyFend2	N	1067390	242695	384409	1842050
FJettyFend3	N	875709	146535	438402	1282480

ballasted_300degN_RP25yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.31112	0.115264	3.87488	4.67153
yCOG_FSRU	m	0.292621	0.0598691	0.120991	0.483746
zCOG_FSRU	m	3.75388	0.0372934	3.62276	3.88794
xREF_FSRU	m	0.244192	0.115107	-0.206138	0.597077
yREF_FSRU	m	0.315854	0.0865296	0.0327224	0.641902
zREF_FSRU	m	-9.346	0.0344536	-9.46664	-9.22079
ROLL_FSRU	rad	0.00148303	0.00411892	-0.0140421	0.0174503
PITCH_FSRU	rad	-3.59759E-06	0.000903339	-0.00300798	0.00303702
YAW_FSRU	rad	-0.000935368	0.000865144	-0.0037005	0.0018151
distManExc	m	0.382112	0.0939074	0.0839793	0.739361
xManExc	m	-0.26168	0.118317	-0.639453	0.166582
yManExc	m	-0.240604	0.0832866	-0.571359	0.0707445
zManExc	m	-0.0318264	0.080705	-0.336299	0.28665
WaveHeight-COG	m	-0.000100618	0.374555	-1.50977	1.40729
windSpeed	m/s	23.5954	2.51623	16.3752	30.8174
FJettyLine1	N	109010	16199.7	46447.7	163847
FJettyLine2	N	107869	16656.8	43971	164345
FJettyLine3	N	106623	17206.8	35058.6	165710
FJettyLine4	N	126376	16237.3	67211.1	190280
FJettyLine5	N	123237	15817.3	66023.8	184549
FJettyLine6	N	151443	16357.1	84622	214072
FJettyLine7	N	188294	20881.2	114421	259622
FJettyLine8	N	188193	20870.4	114370	259494
FJettyLine9	N	90808.3	23045.9	15006.5	174336
FJettyLine10	N	93163.3	22378.6	19018.3	173803
FJettyLine11	N	69277.3	25543.5	0	168758
FJettyLine12	N	58680.1	30437	0	166059
FJettyLine13	N	65546.7	28807.7	0	165192
FJettyLine14	N	89800	29357.1	0	179395
FJettyLine15	N	137171	22718.2	53033.5	222073
FJettyLine16	N	137171	22718.2	53033.5	222073
FJettyFend1	N	1158550	287630	287037	2054210
FJettyFend2	N	1077060	224301	424350	1819440
FJettyFend3	N	879105	135582	367579	1425200

loaded_300degN_RP50yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.73547	0.175279	3.15663	4.33989
yCOG_FSRU	m	0.263643	0.057507	0.108817	0.426749
zCOG_FSRU	m	9.20041	0.0425804	9.05286	9.35212
xREF_FSRU	m	0.246797	0.174966	-0.332751	0.843943
yREF_FSRU	m	0.435234	0.145853	-0.0139489	0.895313
zREF_FSRU	m	-10.7986	0.0401966	-10.9392	-10.6562
ROLL_FSRU	rad	0.00840856	0.00520282	-0.00798134	0.0248913
PITCH_FSRU	rad	-4.9889E-06	0.000951775	-0.00307878	0.00322509
YAW_FSRU	rad	-0.000980972	0.000755932	-0.00394684	0.00177212
distManExc	m	0.384522	0.127848	0.0980974	0.938587
xManExc	m	-0.264788	0.176365	-0.892651	0.331974
yManExc	m	-0.141768	0.0624313	-0.345798	0.0370328
zManExc	m	-0.158914	0.117199	-0.620165	0.253524
WaveHeight-COG	m	-0.000117373	0.400459	-1.61016	1.52962
windSpeed	m/s	24.2953	2.58255	16.8663	31.7291
FJettyLine1	N	107704	22703.1	24194	191884
FJettyLine2	N	106524	23263.3	21441.6	193149
FJettyLine3	N	104254	19404.4	29716.3	181360
FJettyLine4	N	123886	12640.5	71407.4	173365
FJettyLine5	N	120250	12286.1	69030.2	168482
FJettyLine6	N	149227	18348.3	87791.7	229469
FJettyLine7	N	187454	31025.6	89336.1	312605
FJettyLine8	N	187296	31003.9	89254.7	312416
FJettyLine9	N	87296.7	33928.4	0	200123
FJettyLine10	N	89757.7	33056.5	0	198687
FJettyLine11	N	62964.6	31433	0	170597
FJettyLine12	N	50664.6	33185.1	0	156694
FJettyLine13	N	57812.1	31947.7	0	155914
FJettyLine14	N	83080.4	32141.9	0	194480
FJettyLine15	N	133314	29248.4	14678.2	259947
FJettyLine16	N	133314	29248.4	14678.2	259947
FJettyFend1	N	1191780	314313	214574	2228330
FJettyFend2	N	1106500	259090	356763	1965900
FJettyFend3	N	898498	158154	466429	1398410

ballasted_300degN_RP50yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.31651	0.131264	3.8436	4.75647
yCOG_FSRU	m	0.303894	0.0637364	0.120376	0.522517
zCOG_FSRU	m	3.75388	0.0417876	3.6065	3.90115
xREF_FSRU	m	0.249592	0.131067	-0.21797	0.67256
yREF_FSRU	m	0.328371	0.0964597	-0.00147021	0.685226
zREF_FSRU	m	-9.34597	0.0386434	-9.48143	-9.20906
ROLL_FSRU	rad	0.00155466	0.00480123	-0.016148	0.0189831
PITCH_FSRU	rad	-4.30071E-06	0.000997334	-0.00344963	0.00328495
YAW_FSRU	rad	-0.0010105	0.000927484	-0.00441545	0.00193435
distManExc	m	0.399316	0.104633	0.0460953	0.817072
xManExc	m	-0.268467	0.134551	-0.76352	0.194227
yManExc	m	-0.248512	0.0945143	-0.584327	0.138971
zManExc	m	-0.0331363	0.0918361	-0.359199	0.297494
WaveHeight-COG	m	-0.000102276	0.400486	-1.61236	1.50726
windSpeed	m/s	24.2953	2.58255	16.8663	31.7291
FJettyLine1	N	108275	18273	34660.4	186318
FJettyLine2	N	107127	18771.7	31945.2	187491
FJettyLine3	N	105973	18948.1	21513.3	184138
FJettyLine4	N	126310	17477.9	60026	186938
FJettyLine5	N	123069	17020.2	57636.1	181003
FJettyLine6	N	151846	18030.3	78712.9	237033
FJettyLine7	N	189541	23863.8	111395	289028
FJettyLine8	N	189437	23851.2	111307	288911
FJettyLine9	N	88864.2	26163.3	0	176475
FJettyLine10	N	91265.2	25444.4	0	175833
FJettyLine11	N	65920.6	27725	0	167171
FJettyLine12	N	54748.8	31861.6	0	167992
FJettyLine13	N	61709.2	30435.8	0	166905
FJettyLine14	N	86232.1	31430.3	0	185418
FJettyLine15	N	135602	24961.1	28467.7	238746
FJettyLine16	N	135602	24961.1	28467.7	238746
FJettyFend1	N	1204080	306202	275007	2166320
FJettyFend2	N	1116290	239305	405107	1912370
FJettyFend3	N	902093	144458	389848	1404780

loaded_300degN_RP100yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.74451	0.165105	3.00926	4.41824
yCOG_FSRU	m	0.273023	0.0623326	0.0951568	0.492764
zCOG_FSRU	m	9.20035	0.0424305	9.0531	9.35037
xREF_FSRU	m	0.255876	0.164766	-0.501671	0.916868
yREF_FSRU	m	0.451706	0.158504	-0.116011	1.06483
zREF_FSRU	m	-10.7986	0.0400418	-10.939	-10.6539
ROLL_FSRU	rad	0.00874888	0.0056561	-0.013167	0.0293004
PITCH_FSRU	rad	-5.5527E-06	0.000949971	-0.00317672	0.00323993
YAW_FSRU	rad	-0.00106309	0.000798028	-0.00426994	0.0013057
distManExc	m	0.396155	0.120868	0.0460536	0.982425
xManExc	m	-0.275356	0.166054	-0.964901	0.422026
yManExc	m	-0.144993	0.066384	-0.371362	0.0741545
zManExc	m	-0.165243	0.124168	-0.658285	0.364778
WaveHeight-COG	m	-0.00013172	0.399769	-1.61014	1.52802
windSpeed	m/s	24.9986	2.63691	15.744	33.5642
FJettyLine1	N	106717	21566.5	24404.4	208008
FJettyLine2	N	105510	22102.4	21635	209740
FJettyLine3	N	103507	18980.5	27116.2	186748
FJettyLine4	N	124019	13481.1	73373.9	174639
FJettyLine5	N	120225	13150.8	68101.7	166615
FJettyLine6	N	150056	18064	75980.9	230345
FJettyLine7	N	189083	29375.2	68705.5	331387
FJettyLine8	N	188920	29355.2	68593.8	331100
FJettyLine9	N	84723.1	31998.1	0	210163
FJettyLine10	N	87293.6	31195.7	0	208512
FJettyLine11	N	58883	31078.8	0	165928
FJettyLine12	N	46348.4	33859.8	0	165274
FJettyLine13	N	53398.7	33005.3	0	163849
FJettyLine14	N	79435.5	34043.3	0	181101
FJettyLine15	N	132022	29531.8	0	241008
FJettyLine16	N	132022	29531.8	0	241008
FJettyFend1	N	1237380	336860	217631	2399500
FJettyFend2	N	1145070	279360	293864	2150240
FJettyFend3	N	919594	173384	336674	1659520

ballasted_300degN_RP100yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.32511	0.13343	3.75112	4.79501
yCOG_FSRU	m	0.314912	0.0680104	0.106497	0.545458
zCOG_FSRU	m	3.75385	0.0424914	3.60378	3.90241
xREF_FSRU	m	0.258204	0.133223	-0.326545	0.732598
yREF_FSRU	m	0.340711	0.0992427	0.0316436	0.739244
zREF_FSRU	m	-9.346	0.039308	-9.48499	-9.20854
ROLL_FSRU	rad	0.00162965	0.00475745	-0.0146037	0.018497
PITCH_FSRU	rad	-4.69425E-06	0.00100903	-0.00356673	0.00331623
YAW_FSRU	rad	-0.00109419	0.000995034	-0.00426837	0.00204091
distManExc	m	0.411542	0.105945	0.0999493	0.838635
xManExc	m	-0.278637	0.136574	-0.7683	0.233899
yManExc	m	-0.255936	0.0952677	-0.590175	0.0519801
zManExc	m	-0.0345344	0.0923518	-0.398389	0.315729
WaveHeight-COG	m	-0.000118748	0.399793	-1.61294	1.50829
windSpeed	m/s	24.9953	2.64846	17.3586	32.6396
FJettyLine1	N	107320	18762.7	38147.9	196385
FJettyLine2	N	106153	19275.7	35579.8	197886
FJettyLine3	N	105298	19744.8	33602.6	189183
FJettyLine4	N	126543	18470	57233.1	190069
FJettyLine5	N	123161	17983.9	55500.8	185519
FJettyLine6	N	152735	18757	74669.2	237373
FJettyLine7	N	191305	24403.8	108718	294378
FJettyLine8	N	191197	24391.3	108650	294275
FJettyLine9	N	86325.6	26614.9	0	172792
FJettyLine10	N	88809.9	25904.6	0	172215
FJettyLine11	N	62067	28549.1	0	164915
FJettyLine12	N	50621.4	32788.3	0	159634
FJettyLine13	N	57637.5	31589.4	0	159392
FJettyLine14	N	82713.5	33645.3	0	187284
FJettyLine15	N	134323	26530.7	0	228811
FJettyLine16	N	134323	26530.7	0	228811
FJettyFend1	N	1249550	327540	222271	2279040
FJettyFend2	N	1155230	257046	352851	2002980
FJettyFend3	N	923035	151190	430254	1425670

loaded_330degN_RP1yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.76778	0.12217	3.54481	3.99855
yCOG_FSRU	m	0.13693	0.0163101	0.0960633	0.178307
zCOG_FSRU	m	9.20078	0.00190647	9.19393	9.20765
xREF_FSRU	m	0.278802	0.121775	0.0579521	0.508175
yREF_FSRU	m	0.226921	0.0462775	0.100339	0.352829
zREF_FSRU	m	-10.799	0.00173689	-10.8054	-10.7928
ROLL_FSRU	rad	0.00442272	0.00164993	-8.07936E-05	0.00880347
PITCH_FSRU	rad	1.17601E-06	5.91975E-05	-0.000225759	0.000204101
YAW_FSRU	rad	-0.00044055	0.00037623	-0.00142424	0.000459879
distManExc	m	0.314704	0.111234	0.1135	0.537689
xManExc	m	-0.287093	0.122458	-0.524693	-0.0592753
yManExc	m	-0.0751639	0.0165779	-0.122739	-0.0294181
zManExc	m	-0.0842127	0.0312565	-0.170904	0.00788816
WaveHeight-COG	m	-1.7512E-06	0.0750343	-0.285497	0.288375
windSpeed	m/s	17.6958	1.94083	12.2738	23.127
FJettyLine1	N	109653	15257.5	76012.7	142175
FJettyLine2	N	108522	15666.3	74081.8	142019
FJettyLine3	N	112807	12308.8	78614.1	145583
FJettyLine4	N	137483	8006.02	119012	155589
FJettyLine5	N	134163	7654.53	115401	153170
FJettyLine6	N	162602	12831.9	133396	191487
FJettyLine7	N	194847	21901.5	154869	239417
FJettyLine8	N	194748	21885.8	154804	239286
FJettyLine9	N	90222	23605.4	42153.9	135359
FJettyLine10	N	92415.4	22952.2	45557.2	136024
FJettyLine11	N	88194.1	18125.7	38223.9	132780
FJettyLine12	N	90969.3	15317.7	42627.9	132652
FJettyLine13	N	95464.9	14184.5	50371.9	134032
FJettyLine14	N	123793	12159.9	86989.3	157877
FJettyLine15	N	161119	16732.8	118751	202559
FJettyLine16	N	161119	16732.8	118751	202559
FJettyFend1	N	677472	106611	382385	979267
FJettyFend2	N	639518	81043.7	412997	869832
FJettyFend3	N	546713	60707	373601	723519

ballasted_330degN_RP1yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.34797	0.0684256	4.20857	4.47943
yCOG_FSRU	m	0.157916	0.0178291	0.108855	0.210359
zCOG_FSRU	m	3.75402	0.00214118	3.74602	3.76166
xREF_FSRU	m	0.280977	0.0683	0.142221	0.412175
yREF_FSRU	m	0.16812	0.0197137	0.116144	0.22452
zREF_FSRU	m	-9.34597	0.00191336	-9.35313	-9.33909
ROLL_FSRU	rad	0.00063602	0.000393884	-0.000552988	0.00183346
PITCH_FSRU	rad	1.86705E-07	6.43253E-05	-0.000237843	0.000231333
YAW_FSRU	rad	-0.000460183	0.00040265	-0.00160666	0.000683474
distManExc	m	0.321216	0.062743	0.191179	0.459581
xManExc	m	-0.289666	0.0689388	-0.431935	-0.14954
yManExc	m	-0.134107	0.0121836	-0.167246	-0.101983
zManExc	m	-0.0160332	0.00818169	-0.0455518	0.0141429
WaveHeight-COG	m	-2.28883E-06	0.0750331	-0.285713	0.291737
windSpeed	m/s	17.6958	1.94083	12.2738	23.127
FJettyLine1	N	109994	8919.43	83427.5	135894
FJettyLine2	N	108883	9184.51	81598.1	135602
FJettyLine3	N	113729	8344.34	84443.6	141949
FJettyLine4	N	138891	7198.33	117905	159771
FJettyLine5	N	135787	6919.33	116042	155210
FJettyLine6	N	164139	8436.31	138900	189735
FJettyLine7	N	195757	12379.7	169186	225084
FJettyLine8	N	195691	12370.9	169127	225004
FJettyLine9	N	91194.2	13608.6	58701.7	121156
FJettyLine10	N	93389.8	13214.6	61717.2	122277
FJettyLine11	N	89942.5	12670.2	48103.4	127299
FJettyLine12	N	93331.3	13859.7	46692.7	134627
FJettyLine13	N	97570.9	12724.8	54193.1	135592
FJettyLine14	N	125314	12019.1	88013.8	160582
FJettyLine15	N	162362	11291.6	126081	197542
FJettyLine16	N	162362	11291.6	126081	197542
FJettyFend1	N	685377	112219	363268	1018120
FJettyFend2	N	645731	79367.6	419318	882703
FJettyFend3	N	548788	32345.5	452077	644851

loaded_330degN_RP5yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.81529	0.138968	3.55739	4.07456
yCOG_FSRU	m	0.149733	0.0215885	0.0949167	0.206061
zCOG_FSRU	m	9.20074	0.0049803	9.1835	9.21846
xREF_FSRU	m	0.326389	0.138528	0.06864	0.589685
yREF_FSRU	m	0.249985	0.0617453	0.0785389	0.418938
zREF_FSRU	m	-10.799	0.0045729	-10.8146	-10.7825
ROLL_FSRU	rad	0.00489304	0.0022025	-0.00119628	0.0107007
PITCH_FSRU	rad	-1.36309E-06	0.000144366	-0.000518686	0.000499151
YAW_FSRU	rad	-0.000685514	0.000490047	-0.00198529	0.000494376
distManExc	m	0.366914	0.12878	0.128096	0.627136
xManExc	m	-0.339174	0.139484	-0.606308	-0.0745133
yManExc	m	-0.0759512	0.0221256	-0.139518	-0.0137827
zManExc	m	-0.0930889	0.0423261	-0.214376	0.0359075
WaveHeight-COG	m	-2.63213E-05	0.100072	-0.391295	0.392146
windSpeed	m/s	20.2956	2.19807	14.0779	26.5266
FJettyLine1	N	105489	17695.7	64949.8	145295
FJettyLine2	N	104290	18140.3	62859.2	145271
FJettyLine3	N	111456	14682.7	68802.7	152371
FJettyLine4	N	141446	10352.1	117678	165867
FJettyLine5	N	137500	9944.27	112410	163261
FJettyLine6	N	169514	15122.7	134753	206542
FJettyLine7	N	204841	25666.5	157902	257452
FJettyLine8	N	204732	25649	157818	257298
FJettyLine9	N	78799.4	27341.1	20960.8	132704
FJettyLine10	N	81303.8	26666.9	24837.8	133437
FJettyLine11	N	75529.1	21860.1	12611.8	131422
FJettyLine12	N	78260.4	19746.4	15227.7	132722
FJettyLine13	N	83654.5	18363.2	24745.1	133969
FJettyLine14	N	117403	15776.7	69058	160791
FJettyLine15	N	161904	19521.6	110359	213814
FJettyLine16	N	161904	19521.6	110359	213814
FJettyFend1	N	760515	140687	367765	1166720
FJettyFend2	N	701458	107447	399209	1012180
FJettyFend3	N	557053	79934.1	327363	792871

ballasted_330degN_RP5yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.39535	0.0867567	4.21016	4.56594
yCOG_FSRU	m	0.172911	0.0235743	0.107258	0.24317
zCOG_FSRU	m	3.754	0.0052966	3.73609	3.77263
xREF_FSRU	m	0.328385	0.0865916	0.144168	0.503243
yREF_FSRU	m	0.185501	0.0261641	0.113419	0.263816
zREF_FSRU	m	-9.346	0.00476404	-9.36202	-9.32938
ROLL_FSRU	rad	0.000741976	0.000558842	-0.000985782	0.00246049
PITCH_FSRU	rad	-2.14911E-06	0.000156506	-0.000564699	0.000568071
YAW_FSRU	rad	-0.000705673	0.000535969	-0.00225031	0.00082478
distManExc	m	0.371995	0.0805299	0.200782	0.557511
xManExc	m	-0.341628	0.087173	-0.532738	-0.162056
yManExc	m	-0.140622	0.016498	-0.188308	-0.0941333
zManExc	m	-0.0180706	0.0135163	-0.0676352	0.0290869
WaveHeight-COG	m	-2.78876E-05	0.100072	-0.383033	0.382697
windSpeed	m/s	20.2956	2.19807	14.0779	26.5266
FJettyLine1	N	105933	11706.5	69837.9	140803
FJettyLine2	N	104741	12036.3	67796.9	140703
FJettyLine3	N	112514	11104.9	72379.8	150106
FJettyLine4	N	142962	9559.09	115266	171255
FJettyLine5	N	139256	9220.51	112961	165609
FJettyLine6	N	171146	10795.3	138272	206442
FJettyLine7	N	205859	16344.2	170826	246127
FJettyLine8	N	205785	16334.1	170763	246045
FJettyLine9	N	79808.4	17394.7	37069.9	119047
FJettyLine10	N	82311.1	16990.2	40531.9	120242
FJettyLine11	N	77419	16346.1	22052.4	127212
FJettyLine12	N	80901.2	18382.7	18513.2	137024
FJettyLine13	N	86024.6	16996.5	27850.3	137744
FJettyLine14	N	119075	16267.4	68227.6	166718
FJettyLine15	N	163231	14907.9	114963	211913
FJettyLine16	N	163231	14907.9	114963	211913
FJettyFend1	N	768949	148946	337670	1217930
FJettyFend2	N	708154	105226	406084	1027310
FJettyFend3	N	559496	43146.3	428738	690259

loaded_330degN_RP10yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.83735	0.146153	3.56742	4.11395
yCOG_FSRU	m	0.155627	0.0240052	0.0943554	0.217913
zCOG_FSRU	m	9.20071	0.0062165	9.17927	9.22269
xREF_FSRU	m	0.348498	0.145697	0.0750783	0.628284
yREF_FSRU	m	0.260658	0.0688462	0.0690067	0.450988
zREF_FSRU	m	-10.799	0.00574892	-10.8188	-10.778
ROLL_FSRU	rad	0.00511225	0.00245579	-0.00172653	0.0116423
PITCH_FSRU	rad	-2.60581E-06	0.000173152	-0.000646378	0.000644625
YAW_FSRU	rad	-0.000799002	0.000542051	-0.00226195	0.000513298
distManExc	m	0.391313	0.13626	0.138153	0.665298
xManExc	m	-0.363359	0.146767	-0.648661	-0.0805377
yManExc	m	-0.0762596	0.0246744	-0.14696	-0.00731232
zManExc	m	-0.097225	0.0473841	-0.242127	0.0530344
WaveHeight-COG	m	-3.09758E-05	0.0998701	-0.394901	0.401265
windSpeed	m/s	21.3955	2.30515	14.8403	27.9588
FJettyLine1	N	103545	18765.5	59864.6	146226
FJettyLine2	N	102317	19223.3	57706.8	146259
FJettyLine3	N	110827	15754.7	63842	155468
FJettyLine4	N	143290	11418.5	115719	171168
FJettyLine5	N	139054	10985.2	110166	168120
FJettyLine6	N	172741	16169	135065	213696
FJettyLine7	N	209527	27297.8	158239	265049
FJettyLine8	N	209414	27279.7	158180	264886
FJettyLine9	N	73467.9	28936	12346.2	132566
FJettyLine10	N	76110.5	28253.3	16406.1	133305
FJettyLine11	N	69618.7	23489	1443.93	131485
FJettyLine12	N	72339.6	21731.2	2027.02	133151
FJettyLine13	N	78131.8	20228.6	12462.3	134400
FJettyLine14	N	114405	17508.7	59976.8	162740
FJettyLine15	N	162287	20786.6	105256	218623
FJettyLine16	N	162287	20786.6	105256	218623
FJettyFend1	N	798931	156348	357889	1253450
FJettyFend2	N	730097	119587	392299	1076990
FJettyFend3	N	561787	88703.4	308261	832225

ballasted_330degN_RP10yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.41729	0.0952093	4.21801	4.60744
yCOG_FSRU	m	0.179827	0.0262427	0.106626	0.258883
zCOG_FSRU	m	3.75399	0.00646607	3.73213	3.77704
xREF_FSRU	m	0.350341	0.0950297	0.149809	0.541422
yREF_FSRU	m	0.193524	0.0295552	0.110243	0.282077
zREF_FSRU	m	-9.34602	0.00586021	-9.36599	-9.3247
ROLL_FSRU	rad	0.000791166	0.000699866	-0.00149107	0.00299875
PITCH_FSRU	rad	-3.27157E-06	0.000184528	-0.000672061	0.000650419
YAW_FSRU	rad	-0.000819463	0.000597666	-0.00255049	0.000902979
distManExc	m	0.395732	0.0887618	0.203113	0.594332
xManExc	m	-0.365692	0.0955844	-0.568194	-0.159952
yManExc	m	-0.143605	0.0190239	-0.200629	-0.0869021
zManExc	m	-0.0190163	0.0164209	-0.0764576	0.0489543
WaveHeight-COG	m	-3.17694E-05	0.0998718	-0.390032	0.389186
windSpeed	m/s	21.3955	2.30515	14.8403	27.9588
FJettyLine1	N	104028	13009.1	64500	141733
FJettyLine2	N	102804	13360.9	62390.6	141693
FJettyLine3	N	111947	12388.3	67985.7	153232
FJettyLine4	N	144856	10656.3	113560	176522
FJettyLine5	N	140873	10288.2	111043	170318
FJettyLine6	N	174408	11926.5	137324	213506
FJettyLine7	N	210614	18163	170757	253621
FJettyLine8	N	210537	18152.6	170689	253537
FJettyLine9	N	74501.4	19110.5	27946.1	118673
FJettyLine10	N	77132.3	18692.8	31628.8	119883
FJettyLine11	N	71589.9	18023.6	10014	127907
FJettyLine12	N	75104.3	20450	5342.49	138304
FJettyLine13	N	80615.4	18941.5	15551.9	138924
FJettyLine14	N	116158	18271.1	58533.5	168397
FJettyLine15	N	163648	16588.8	110951	217109
FJettyLine16	N	163648	16588.8	110951	217109
FJettyFend1	N	807623	165970	327744	1313500
FJettyFend2	N	737014	117192	398671	1095800
FJettyFend3	N	564386	48164.2	411960	708923

loaded_330degN_RP25yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.86272	0.153771	3.57172	4.16285
yCOG_FSRU	m	0.162406	0.0267921	0.0936039	0.233465
zCOG_FSRU	m	9.20069	0.00755693	9.17402	9.22819
xREF_FSRU	m	0.37391	0.153299	0.0840157	0.671316
yREF_FSRU	m	0.272942	0.0770875	0.0580629	0.483649
zREF_FSRU	m	-10.799	0.00704074	-10.8242	-10.7728
ROLL_FSRU	rad	0.00536471	0.00275008	-0.00239353	0.0126966
PITCH_FSRU	rad	-3.96199E-06	0.000199516	-0.000687753	0.000702867
YAW_FSRU	rad	-0.000929395	0.000601745	-0.002549	0.000545341
distManExc	m	0.41944	0.144242	0.146462	0.724163
xManExc	m	-0.391156	0.15449	-0.701103	-0.0934608
yManExc	m	-0.0766119	0.0276007	-0.15589	0.00126565
zManExc	m	-0.101983	0.0532313	-0.273014	0.0722655
WaveHeight-COG	m	1.18553E-05	0.0998234	-0.399636	0.372861
windSpeed	m/s	22.5954	2.42078	15.6759	29.5173
FJettyLine1	N	101306	19925.7	53067.7	148070
FJettyLine2	N	100046	20397.1	50790.9	148192
FJettyLine3	N	110100	16957.8	58257	159621
FJettyLine4	N	145408	12649	114976	177334
FJettyLine5	N	140840	12188.1	108894	174340
FJettyLine6	N	176489	17400.8	135016	222558
FJettyLine7	N	214943	29046.8	159876	276546
FJettyLine8	N	214824	29028.2	159793	276367
FJettyLine9	N	67323.5	30628.7	0	130018
FJettyLine10	N	70121.9	29938.3	3274.04	130842
FJettyLine11	N	62846.4	25161	0	129864
FJettyLine12	N	65559.2	23862.9	0	133740
FJettyLine13	N	71763.5	22326.4	0	134806
FJettyLine14	N	110920	19536.1	49171.5	164656
FJettyLine15	N	162735	22199.7	99635.9	225460
FJettyLine16	N	162735	22199.7	99635.9	225460
FJettyFend1	N	843151	174416	349220	1361060
FJettyFend2	N	763062	133590	384989	1157220
FJettyFend3	N	567288	98939.8	285671	861282

ballasted_330degN_RP25yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.44242	0.105151	4.21754	4.65313
yCOG_FSRU	m	0.187784	0.0292463	0.105907	0.277996
zCOG_FSRU	m	3.75397	0.00768998	3.72669	3.78126
xREF_FSRU	m	0.375491	0.104953	0.152802	0.58388
yREF_FSRU	m	0.202754	0.0328248	0.110683	0.311348
zREF_FSRU	m	-9.34604	0.00702192	-9.37136	-9.32057
ROLL_FSRU	rad	0.000847799	0.000774133	-0.0017912	0.00347459
PITCH_FSRU	rad	-4.53583E-06	0.000209567	-0.000739708	0.000727076
YAW_FSRU	rad	-0.000950194	0.000668422	-0.00292067	0.000992973
distManExc	m	0.422973	0.0983991	0.213487	0.656983
xManExc	m	-0.393264	0.105466	-0.630244	-0.172725
yManExc	m	-0.147041	0.0212446	-0.214286	-0.0846495
zManExc	m	-0.0201051	0.0182348	-0.0856715	0.0433955
WaveHeight-COG	m	1.10054E-05	0.0998214	-0.395902	0.369382
windSpeed	m/s	22.5954	2.42078	15.6759	29.5173
FJettyLine1	N	101832	14532.7	58085.7	144350
FJettyLine2	N	100575	14908.7	55876.2	144407
FJettyLine3	N	111296	13880.9	62396.3	158111
FJettyLine4	N	147031	11919.9	111538	183423
FJettyLine5	N	142729	11517.4	109076	176837
FJettyLine6	N	178169	13292.9	137001	223618
FJettyLine7	N	216120	20261.4	172632	266075
FJettyLine8	N	216039	20250.9	172565	265985
FJettyLine9	N	68404.7	21106	14870.1	116423
FJettyLine10	N	71177.1	20667.8	18826.2	117718
FJettyLine11	N	64897.3	19935.9	0	127214
FJettyLine12	N	68465.8	22718.7	0	138742
FJettyLine13	N	74379.7	21140.8	1184.13	139288
FJettyLine14	N	112769	20597.7	47949	171107
FJettyLine15	N	164123	18548.7	105247	223979
FJettyLine16	N	164123	18548.7	105247	223979
FJettyFend1	N	852145	185496	312646	1426690
FJettyFend2	N	770220	130816	391903	1176110
FJettyFend3	N	570053	53900.8	402918	737021

loaded_330degN_RP50yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.88411	0.163824	3.57811	4.20687
yCOG_FSRU	m	0.168445	0.0292567	0.093343	0.248045
zCOG_FSRU	m	9.20067	0.0111906	9.16055	9.24073
xREF_FSRU	m	0.395347	0.16334	0.083803	0.71726
yREF_FSRU	m	0.283758	0.0844597	0.0454753	0.517333
zREF_FSRU	m	-10.7989	0.0104905	-10.8372	-10.761
ROLL_FSRU	rad	0.00558374	0.00301401	-0.00296965	0.0136822
PITCH_FSRU	rad	-5.21566E-06	0.000277089	-0.000926316	0.00093563
YAW_FSRU	rad	-0.0010433	0.000656901	-0.00282819	0.000565156
distManExc	m	0.443786	0.154132	0.145262	0.779568
xManExc	m	-0.414671	0.164645	-0.761461	-0.0991885
yManExc	m	-0.0770504	0.0301719	-0.16363	0.00787227
zManExc	m	-0.106117	0.0594492	-0.298899	0.0823499
WaveHeight-COG	m	1.34099E-06	0.125228	-0.501496	0.467429
windSpeed	m/s	23.5954	2.51623	16.3752	30.8174
FJettyLine1	N	99413.6	21353	46385.1	151237
FJettyLine2	N	98130.1	21845	44007.7	151468
FJettyLine3	N	109504	18306.2	52490.2	164208
FJettyLine4	N	147230	13838.9	113573	182831
FJettyLine5	N	142379	13347.4	107475	179212
FJettyLine6	N	179730	18868.1	135443	233687
FJettyLine7	N	219594	31170.9	160851	289574
FJettyLine8	N	219470	31151.8	160785	289434
FJettyLine9	N	62115.7	32644	0	128808
FJettyLine10	N	65012.3	31982.9	0	129656
FJettyLine11	N	57099.3	26780.6	0	129150
FJettyLine12	N	59760.3	25636.3	0	133368
FJettyLine13	N	66265.1	24170.9	0	134461
FJettyLine14	N	107795	21435.9	41259.2	167430
FJettyLine15	N	163032	23854.9	95974.6	233808
FJettyLine16	N	163032	23854.9	95974.6	233808
FJettyFend1	N	882167	190606	341261	1443440
FJettyFend2	N	792208	146016	378911	1221190
FJettyFend3	N	572443	108553	257450	899657

ballasted_330degN_RP50yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.46369	0.113774	4.21568	4.70235
yCOG_FSRU	m	0.194843	0.0319667	0.102865	0.293417
zCOG_FSRU	m	3.75397	0.0111705	3.71455	3.7945
xREF_FSRU	m	0.396783	0.113567	0.148615	0.626976
yREF_FSRU	m	0.210926	0.036397	0.102882	0.331059
zREF_FSRU	m	-9.34605	0.0102639	-9.38268	-9.30859
ROLL_FSRU	rad	0.000897283	0.000949308	-0.00227814	0.0042947
PITCH_FSRU	rad	-5.6746E-06	0.000288704	-0.00099615	0.000950759
YAW_FSRU	rad	-0.00106441	0.000732363	-0.00319591	0.0010694
distManExc	m	0.446469	0.106865	0.212238	0.708407
xManExc	m	-0.416669	0.114163	-0.682419	-0.167425
yManExc	m	-0.150147	0.0243571	-0.225372	-0.0746109
zManExc	m	-0.0210591	0.0229654	-0.109148	0.0760528
WaveHeight-COG	m	-9.93762E-07	0.125228	-0.499185	0.462345
windSpeed	m/s	23.5954	2.51623	16.3752	30.8174
FJettyLine1	N	99980.9	15845.4	52167.6	148087
FJettyLine2	N	98699.1	16241.7	49872.4	148283
FJettyLine3	N	110767	15194.7	57434.6	162790
FJettyLine4	N	148903	13086.8	109911	187866
FJettyLine5	N	144330	12650.5	106556	181337
FJettyLine6	N	181405	14590.5	136583	233881
FJettyLine7	N	220831	22075.8	172801	277769
FJettyLine8	N	220747	22065.2	172732	277676
FJettyLine9	N	63202.3	22853.9	2984.72	116424
FJettyLine10	N	66091.8	22391.9	7177.95	117709
FJettyLine11	N	59192.9	21480.5	0	127911
FJettyLine12	N	62792.1	24514.8	0	140486
FJettyLine13	N	68984.5	23037.7	0	140866
FJettyLine14	N	109733	22691.7	38167.3	173785
FJettyLine15	N	164451	20249.9	98555.3	230649
FJettyLine16	N	164451	20249.9	98555.3	230649
FJettyFend1	N	891419	203130	288931	1519460
FJettyFend2	N	799567	143063	375603	1242310
FJettyFend3	N	575338	59327.3	388046	764323

loaded_330degN_RP100yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.90261	0.170798	3.55651	4.23135
yCOG_FSRU	m	0.173383	0.0313312	0.0931019	0.255926
zCOG_FSRU	m	9.20065	0.0122138	9.15759	9.24459
xREF_FSRU	m	0.413891	0.170292	0.0639837	0.740974
yREF_FSRU	m	0.292726	0.0907944	0.0404838	0.542203
zREF_FSRU	m	-10.7989	0.0114978	-10.8397	-10.7571
ROLL_FSRU	rad	0.00576859	0.0032438	-0.00366614	0.0146286
PITCH_FSRU	rad	-6.28314E-06	0.000289917	-0.000968807	0.00106475
YAW_FSRU	rad	-0.00113877	0.000706738	-0.00303456	0.000595963
distManExc	m	0.464598	0.161049	0.140251	0.833651
xManExc	m	-0.434956	0.171699	-0.793404	-0.081971
yManExc	m	-0.0772775	0.0323736	-0.171703	0.014589
zManExc	m	-0.1096	0.0639476	-0.311695	0.103027
WaveHeight-COG	m	-1.80855E-05	0.124849	-0.5035	0.472584
windSpeed	m/s	24.3953	2.59199	16.9365	31.8593
FJettyLine1	N	97770.8	22400.1	41560.3	155530
FJettyLine2	N	96466.2	22905.8	39131.6	155892
FJettyLine3	N	108970	19409.4	48393.8	169715
FJettyLine4	N	148787	14960.7	111918	187448
FJettyLine5	N	143694	14445.2	105397	183849
FJettyLine6	N	182548	20093.4	135727	240261
FJettyLine7	N	223601	32696.7	159749	296418
FJettyLine8	N	223474	32677.5	159665	296228
FJettyLine9	N	57752.3	33866	0	130321
FJettyLine10	N	60675.5	33326	0	131136
FJettyLine11	N	52311.1	27827.4	0	131253
FJettyLine12	N	54945.8	26985.7	0	135198
FJettyLine13	N	61695	25535.4	0	136198
FJettyLine14	N	105197	23057.5	32550.6	167634
FJettyLine15	N	163370	25112.2	88120.3	237735
FJettyLine16	N	163370	25112.2	88120.3	237735
FJettyFend1	N	914577	204380	337569	1528530
FJettyFend2	N	816316	156482	373880	1277320
FJettyFend3	N	576437	117520	228883	936531

ballasted_330degN_RP100yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.48198	0.120666	4.22179	4.73671
yCOG_FSRU	m	0.200643	0.0343022	0.102455	0.305091
zCOG_FSRU	m	3.75396	0.0120455	3.71203	3.79747
xREF_FSRU	m	0.415081	0.120442	0.159641	0.674101
yREF_FSRU	m	0.217656	0.0391774	0.0984894	0.345777
zREF_FSRU	m	-9.34606	0.0111069	-9.38483	-9.30568
ROLL_FSRU	rad	0.000938607	0.00104158	-0.00320404	0.00482733
PITCH_FSRU	rad	-6.64179E-06	0.000300825	-0.000986653	0.00107085
YAW_FSRU	rad	-0.0011601	0.00078803	-0.00345808	0.00112657
distManExc	m	0.466425	0.113616	0.206239	0.725193
xManExc	m	-0.436737	0.121051	-0.701333	-0.175669
yManExc	m	-0.152639	0.0264055	-0.247426	-0.0660017
zManExc	m	-0.0218536	0.0243908	-0.113041	0.0657846
WaveHeight-COG	m	-1.96781E-05	0.124852	-0.501921	0.467421
windSpeed	m/s	24.3953	2.59199	16.9365	31.8593
FJettyLine1	N	98379.6	16923.9	44983.4	149515
FJettyLine2	N	97077.2	17335.8	42581.5	149776
FJettyLine3	N	110297	16306.7	50819.5	166394
FJettyLine4	N	150499	14095.9	108506	193662
FJettyLine5	N	145695	13630.4	105116	186273
FJettyLine6	N	184200	15704	136282	238759
FJettyLine7	N	224883	23522.8	172346	281736
FJettyLine8	N	224796	23512.2	172277	281642
FJettyLine9	N	58754.7	24245.4	0	117411
FJettyLine10	N	61741.9	23764.3	2641.11	118649
FJettyLine11	N	54435.2	22605.9	0	129061
FJettyLine12	N	58099.5	25916	0	141358
FJettyLine13	N	64518.4	24471.7	0	141629
FJettyLine14	N	107206	24513.4	28841.9	176626
FJettyLine15	N	164802	21690.7	93617.7	237388
FJettyLine16	N	164802	21690.7	93617.7	237388
FJettyFend1	N	924031	218479	287098	1601200
FJettyFend2	N	823837	153680	373825	1302290
FJettyFend3	N	579442	63953.6	376800	783379

loaded_0degN_RP1yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.69768	0.0874953	3.53812	3.8601
yCOG_FSRU	m	0.0956634	0.000574122	0.0940557	0.0973627
zCOG_FSRU	m	9.20091	0.00190549	9.19394	9.20764
xREF_FSRU	m	0.208505	0.0872053	0.0486006	0.372514
yREF_FSRU	m	0.152323	0.00115104	0.148768	0.156017
zREF_FSRU	m	-10.799	0.00173743	-10.8054	-10.7928
ROLL_FSRU	rad	0.00289903	3.02441E-05	0.00279629	0.00300467
PITCH_FSRU	rad	0.000007771	5.68737E-05	-0.000209625	0.000208344
YAW_FSRU	rad	0.000378717	2.85841E-05	0.000312938	0.000443161
distManExc	m	0.225396	0.0769385	0.100081	0.374817
xManExc	m	-0.201622	0.0871405	-0.36329	-0.0423214
yManExc	m	-0.0734452	0.000486826	-0.0750647	-0.0721805
zManExc	m	-0.0554395	0.00318553	-0.066747	-0.0439162
WaveHeight-COG	m	-1.73223E-06	0.0750337	-0.286468	0.288084
windSpeed	m/s	13.5961	1.5229	9.45808	17.7482
FJettyLine1	N	112591	10524.1	92581.1	131624
FJettyLine2	N	111458	10824.2	90901.7	131016
FJettyLine3	N	109664	7571.32	95158.1	123367
FJettyLine4	N	125582	1102.65	123107	128073
FJettyLine5	N	123510	341.955	122404	124530
FJettyLine6	N	147733	7935.19	133064	162741
FJettyLine7	N	178366	14652.7	151621	206436
FJettyLine8	N	178293	14645.1	151561	206339
FJettyLine9	N	110900	15814.7	80527	139473
FJettyLine10	N	112415	15258.2	82959.8	139999
FJettyLine11	N	117590	9871.14	99150.9	135742
FJettyLine12	N	125227	4740.26	116332	134196
FJettyLine13	N	126901	4584.26	118307	135554
FJettyLine14	N	148158	4175.7	140558	156222
FJettyLine15	N	169549	11367.8	148868	190892
FJettyLine16	N	169549	11367.8	148868	190892
FJettyFend1	N	405639	6319.93	392721	418149
FJettyFend2	N	438265	3937.54	429165	446517
FJettyFend3	N	518040	2591.32	508799	526360

ballasted_0degN_RP1yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.27627	0.042771	4.19465	4.36478
yCOG_FSRU	m	0.109645	0.000416531	0.108345	0.111116
zCOG_FSRU	m	3.75409	0.00214144	3.74611	3.76166
xREF_FSRU	m	0.209191	0.0426955	0.127961	0.297776
yREF_FSRU	m	0.112054	0.000782927	0.10919	0.115221
zREF_FSRU	m	-9.34588	0.0019129	-9.35303	-9.33907
ROLL_FSRU	rad	0.000297163	3.60932E-05	0.000160237	0.000435137
PITCH_FSRU	rad	5.84942E-06	6.33207E-05	-0.000225263	0.000234693
YAW_FSRU	rad	0.000365006	1.46145E-05	0.000320934	0.000413551
distManExc	m	0.233573	0.0369053	0.166272	0.313788
xManExc	m	-0.202476	0.0426563	-0.292385	-0.119786
yManExc	m	-0.114011	0.000504592	-0.116145	-0.112292
zManExc	m	-0.00955384	0.00348803	-0.021822	0.00306785
WaveHeight-COG	m	-2.22893E-06	0.0750333	-0.285322	0.291713
windSpeed	m/s	13.5961	1.5229	9.45808	17.7482
FJettyLine1	N	112827	5119.59	102203	122533
FJettyLine2	N	111726	5257.72	100814	121692
FJettyLine3	N	110316	3685.92	102489	117405
FJettyLine4	N	126490	572.009	124732	128118
FJettyLine5	N	124571	240.066	123536	125492
FJettyLine6	N	148677	3893.38	141092	156953
FJettyLine7	N	179153	7157.84	165437	193929
FJettyLine8	N	179101	7155.12	165390	193871
FJettyLine9	N	111637	7612.77	95565.5	126196
FJettyLine10	N	113079	7342.51	97691.3	127138
FJettyLine11	N	118670	4847.92	108612	128033
FJettyLine12	N	126763	2343.11	121657	131583
FJettyLine13	N	128264	2264.68	123347	132893
FJettyLine14	N	149167	2038.46	145106	153776
FJettyLine15	N	170292	5563.22	159782	181903
FJettyLine16	N	170292	5563.22	159782	181903
FJettyFend1	N	411131	3119.82	402378	420225
FJettyFend2	N	442577	1979.74	437284	448651
FJettyFend3	N	519469	1748.26	513121	525482

loaded_0degN_RP5yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.75524	0.126548	3.5213	3.99805
yCOG_FSRU	m	0.0953997	0.00105694	0.091823	0.0991558
zCOG_FSRU	m	9.20091	0.0070491	9.17675	9.22663
xREF_FSRU	m	0.266082	0.126152	0.0338791	0.505845
yREF_FSRU	m	0.151711	0.00203915	0.144665	0.157901
zREF_FSRU	m	-10.799	0.00655246	-10.8218	-10.7747
ROLL_FSRU	rad	0.00288424	6.83757E-05	0.00261594	0.00313441
PITCH_FSRU	rad	6.88769E-06	0.000189059	-0.000662994	0.000681757
YAW_FSRU	rad	0.000393781	4.52449E-05	0.000261994	0.000514668
distManExc	m	0.279907	0.114817	0.087904	0.511265
xManExc	m	-0.258887	0.126047	-0.504454	-0.0234876
yManExc	m	-0.0737588	0.000986817	-0.0775281	-0.0702124
zManExc	m	-0.0551843	0.0115775	-0.0956552	-0.0141374
WaveHeight-COG	m	7.82923E-06	0.100014	-0.399167	0.403994
windSpeed	m/s	17.5958	1.93082	12.2044	22.9958
FJettyLine1	N	105398	15613.4	75182	133991
FJettyLine2	N	104094	16007.5	73268.5	133459
FJettyLine3	N	104495	11280.8	81911.5	125859
FJettyLine4	N	126359	1735.82	121613	131198
FJettyLine5	N	123742	846.354	120664	126763
FJettyLine6	N	153007	11491.7	131279	175907
FJettyLine7	N	188634	22030.2	148685	233450
FJettyLine8	N	188553	22016	148621	233349
FJettyLine9	N	99976.9	23494.5	53647.3	142318
FJettyLine10	N	101782	22793	56571.1	142749
FJettyLine11	N	110855	14534.7	81487.9	137714
FJettyLine12	N	122066	6823.4	108078	135618
FJettyLine13	N	123845	6599.57	110385	136883
FJettyLine14	N	150860	6122.87	138339	163619
FJettyLine15	N	177053	16551	146116	209446
FJettyLine16	N	177053	16551	146116	209446
FJettyFend1	N	402198	9913.35	377753	428461
FJettyFend2	N	436122	6266.35	419244	452204
FJettyFend3	N	519072	4849.93	503354	536342

ballasted_0degN_RP5yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.33534	0.0663554	4.19978	4.47668
yCOG_FSRU	m	0.109343	0.00122835	0.104984	0.113713
zCOG_FSRU	m	3.75409	0.00723386	3.72888	3.78004
xREF_FSRU	m	0.268279	0.0662529	0.133137	0.409253
yREF_FSRU	m	0.111671	0.00486539	0.0954448	0.127434
zREF_FSRU	m	-9.34588	0.0065892	-9.36929	-9.32177
ROLL_FSRU	rad	0.000295784	0.000318068	-0.000727854	0.00131085
PITCH_FSRU	rad	4.7391E-06	0.000199617	-0.000692243	0.000702232
YAW_FSRU	rad	0.000380323	2.64693E-05	0.000293799	0.000477814
distManExc	m	0.286912	0.0601238	0.169724	0.422106
xManExc	m	-0.26124	0.0662831	-0.407736	-0.124906
yManExc	m	-0.114142	0.00535072	-0.131111	-0.0972591
zManExc	m	-0.0095565	0.0120597	-0.0524705	0.0366588
WaveHeight-COG	m	6.1052E-06	0.100014	-0.39583	0.396284
windSpeed	m/s	17.5958	1.93082	12.2044	22.9958
FJettyLine1	N	105675	8101.22	87794	122304
FJettyLine2	N	104361	8337.88	86055.6	121462
FJettyLine3	N	105210	5828.39	91624.5	117603
FJettyLine4	N	127276	1060.43	124135	130635
FJettyLine5	N	124796	691.908	122466	127210
FJettyLine6	N	154084	6059.26	141434	167613
FJettyLine7	N	189190	11329.9	166489	215158
FJettyLine8	N	189131	11322.9	166443	215087
FJettyLine9	N	100689	12327.5	73461.5	125192
FJettyLine10	N	102515	11911	75992.7	126166
FJettyLine11	N	111933	7520.38	95132.1	127249
FJettyLine12	N	123484	3637.08	115130	131367
FJettyLine13	N	125097	3513.75	117061	132675
FJettyLine14	N	151922	3218.83	144471	159790
FJettyLine15	N	177943	8651.1	159951	196620
FJettyLine16	N	177943	8651.1	159951	196620
FJettyFend1	N	407707	5468.25	390942	425031
FJettyFend2	N	440473	3891.88	427606	452679
FJettyFend3	N	520593	4789.94	503283	537247

loaded_0degN_RP10yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.78336	0.1379	3.52484	4.05012
yCOG_FSRU	m	0.0953345	0.00149181	0.0903427	0.101217
zCOG_FSRU	m	9.20091	0.0115255	9.15961	9.24272
xREF_FSRU	m	0.294211	0.137494	0.0323604	0.561743
yREF_FSRU	m	0.151443	0.00272231	0.140178	0.163273
zREF_FSRU	m	-10.799	0.0108201	-10.8383	-10.7597
ROLL_FSRU	rad	0.00287543	0.00010097	0.00248062	0.00332595
PITCH_FSRU	rad	6.3999E-06	0.000279965	-0.000938405	0.000964796
YAW_FSRU	rad	0.00040136	5.27837E-05	0.000233482	0.000557728
distManExc	m	0.306499	0.126727	0.0915379	0.563339
xManExc	m	-0.286857	0.137394	-0.558779	-0.0290953
yManExc	m	-0.0739995	0.00151059	-0.079801	-0.0684052
zManExc	m	-0.055035	0.018174	-0.119868	0.00851778
WaveHeight-COG	m	1.83215E-05	0.124995	-0.503945	0.475724
windSpeed	m/s	19.2956	2.09983	13.388	25.2216
FJettyLine1	N	101854	17167	67246.7	133935
FJettyLine2	N	100477	17573.3	65203.8	133404
FJettyLine3	N	101936	12430.6	75617.4	126024
FJettyLine4	N	126727	2052.19	120171	133153
FJettyLine5	N	123845	1212.78	119333	128449
FJettyLine6	N	155574	12547.1	131678	181111
FJettyLine7	N	193747	24394.6	149469	243759
FJettyLine8	N	193664	24379.2	149409	243664
FJettyLine9	N	94645.9	25820.1	43876.2	141624
FJettyLine10	N	96585.1	25095.3	46976.2	142082
FJettyLine11	N	107496	16013.9	75224	136945
FJettyLine12	N	120520	7457.4	104859	135512
FJettyLine13	N	122351	7210.11	107353	136708
FJettyLine14	N	152179	6719.75	137433	167075
FJettyLine15	N	180819	18230.3	145980	218863
FJettyLine16	N	180819	18230.3	145980	218863
FJettyFend1	N	400648	11646.8	367261	436504
FJettyFend2	N	435225	7590.6	412608	458662
FJettyFend3	N	519774	6526.74	494741	542970

ballasted_0degN_RP10yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.36378	0.0775225	4.18665	4.53644
yCOG_FSRU	m	0.109231	0.00210866	0.0999146	0.119702
zCOG_FSRU	m	3.7541	0.0114554	3.71378	3.79569
xREF_FSRU	m	0.296727	0.077411	0.11918	0.469549
yREF_FSRU	m	0.111517	0.00924139	0.0742459	0.145591
zREF_FSRU	m	-9.34588	0.0105418	-9.38335	-9.30744
ROLL_FSRU	rad	0.000295065	0.00060497	-0.00204602	0.00254264
PITCH_FSRU	rad	4.12488E-06	0.000291329	-0.000979065	0.000988627
YAW_FSRU	rad	0.000388328	3.56477E-05	0.000256149	0.000527851
distManExc	m	0.313596	0.071239	0.161942	0.485362
xManExc	m	-0.289516	0.0775329	-0.467621	-0.112924
yManExc	m	-0.114254	0.0101613	-0.153305	-0.0770269
zManExc	m	-0.00955991	0.0183788	-0.0770803	0.0609701
WaveHeight-COG	m	1.87922E-05	0.124993	-0.50207	0.464897
windSpeed	m/s	19.2956	2.09983	13.388	25.2216
FJettyLine1	N	102110	9637.87	79698.6	123778
FJettyLine2	N	100711	9892.4	77859.9	122979
FJettyLine3	N	102646	6972.76	85693.4	118753
FJettyLine4	N	127639	1395.76	122613	132663
FJettyLine5	N	124889	1038.61	120853	129099
FJettyLine6	N	156674	7092.43	140467	173381
FJettyLine7	N	194272	13615.4	164294	226931
FJettyLine8	N	194210	13606.6	164250	226861
FJettyLine9	N	95289.7	14627.2	62050.8	127631
FJettyLine10	N	97261.2	14188.8	64785.7	128518
FJettyLine11	N	108630	8892.53	87878.3	129065
FJettyLine12	N	121920	4277.27	111673	132302
FJettyLine13	N	123585	4128.01	113845	133459
FJettyLine14	N	153261	3825.11	143779	163317
FJettyLine15	N	181638	10135	158680	205606
FJettyLine16	N	181638	10135	158680	205606
FJettyFend1	N	406060	7640.55	378804	437179
FJettyFend2	N	439515	5879.43	417794	469790
FJettyFend3	N	521320	7481.46	488436	552490

loaded_0degN_RP25yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.82543	0.151937	3.49509	4.15346
yCOG_FSRU	m	0.09527	0.00236727	0.0874254	0.104401
zCOG_FSRU	m	9.20091	0.0165233	9.14184	9.26014
xREF_FSRU	m	0.336291	0.151508	0.00851408	0.65805
yREF_FSRU	m	0.151063	0.00415592	0.136119	0.164695
zREF_FSRU	m	-10.799	0.015599	-10.855	-10.7431
ROLL_FSRU	rad	0.00286161	0.000160265	0.00226509	0.00350212
PITCH_FSRU	rad	5.64525E-06	0.00037153	-0.00119933	0.00128999
YAW_FSRU	rad	0.000412607	6.76407E-05	0.000174729	0.000644014
distManExc	m	0.346475	0.141835	0.0766212	0.672211
xManExc	m	-0.328701	0.15143	-0.667702	0.00149871
yManExc	m	-0.074397	0.00243474	-0.0839596	-0.0643782
zManExc	m	-0.0547906	0.0253679	-0.141495	0.0332657
WaveHeight-COG	m	2.29369E-05	0.149283	-0.60413	0.579704
windSpeed	m/s	21.5955	2.3245	14.9793	28.2188
FJettyLine1	N	96536.1	19127.2	54588.9	136786
FJettyLine2	N	95053.6	19541.1	52375.3	136317
FJettyLine3	N	98091.4	13894.5	65991.8	127346
FJettyLine4	N	127278	2524.63	119485	136197
FJettyLine5	N	123999	1730.59	118349	130633
FJettyLine6	N	159414	13868	129200	191931
FJettyLine7	N	201448	27424.3	144440	264309
FJettyLine8	N	201360	27407.8	144380	264217
FJettyLine9	N	86648	28742.2	23826.4	146932
FJettyLine10	N	88783.7	27998.7	27280.3	147207
FJettyLine11	N	102434	17910.5	61522.2	140471
FJettyLine12	N	118206	8279.62	97549	136673
FJettyLine13	N	120114	7998.28	100525	137800
FJettyLine14	N	154148	7499.29	137345	172423
FJettyLine15	N	186542	20462	143433	233460
FJettyLine16	N	186542	20462	143433	233460
FJettyFend1	N	398432	15491.4	341217	456820
FJettyFend2	N	433979	10594.6	394882	471754
FJettyFend3	N	520900	9445.34	483425	558397

ballasted_0degN_RP25yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.40581	0.0954765	4.16662	4.61404
yCOG_FSRU	m	0.109091	0.00351087	0.0966724	0.122308
zCOG_FSRU	m	3.7541	0.0160334	3.69652	3.81063
xREF_FSRU	m	0.338772	0.0953288	0.0994158	0.550178
yREF_FSRU	m	0.11132	0.0158059	0.0549923	0.171117
zREF_FSRU	m	-9.34588	0.0148361	-9.39951	-9.29373
ROLL_FSRU	rad	0.000294385	0.00103343	-0.00333136	0.0040541
PITCH_FSRU	rad	3.20925E-06	0.000385312	-0.00134251	0.00126375
YAW_FSRU	rad	0.000400257	5.28757E-05	0.000191499	0.00057973
distManExc	m	0.353771	0.0889085	0.149601	0.562278
xManExc	m	-0.331306	0.0955639	-0.546336	-0.0912571
yManExc	m	-0.114438	0.0173364	-0.175175	-0.0522819
zManExc	m	-0.00956268	0.0259703	-0.109573	0.097751
WaveHeight-COG	m	0.000020571	0.149281	-0.60404	0.571199
windSpeed	m/s	21.5955	2.3245	14.9793	28.2188
FJettyLine1	N	96766.4	12094.4	69370.9	126481
FJettyLine2	N	95257.9	12367.4	67370.2	125755
FJettyLine3	N	98781.2	8811.33	77317.1	120735
FJettyLine4	N	128174	1932.64	121302	134667
FJettyLine5	N	125026	1546.26	119545	130829
FJettyLine6	N	160500	8765.19	139664	180957
FJettyLine7	N	201997	17336.1	161169	241817
FJettyLine8	N	201931	17325.6	161127	241745
FJettyLine9	N	87218.6	18263.9	46873	131090
FJettyLine10	N	89390	17791.6	49901.1	131858
FJettyLine11	N	103615	11231.9	77583.7	131016
FJettyLine12	N	119612	5349.51	105959	134300
FJettyLine13	N	121354	5153.66	108345	135353
FJettyLine14	N	155243	4812.36	142165	168664
FJettyLine15	N	187223	12707.9	155779	218185
FJettyLine16	N	187223	12707.9	155779	218185
FJettyFend1	N	403686	12040.5	359040	446055
FJettyFend2	N	438167	9556.13	404256	473769
FJettyFend3	N	522481	11628.2	481003	560878

loaded_0degN_RP50yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.85882	0.163756	3.49652	4.20321
yCOG_FSRU	m	0.0951676	0.00303016	0.0860672	0.106682
zCOG_FSRU	m	9.20091	0.0222726	9.12257	9.27436
xREF_FSRU	m	0.369696	0.16332	0.0155974	0.719112
yREF_FSRU	m	0.150744	0.00527756	0.132841	0.1719
zREF_FSRU	m	-10.799	0.0210859	-10.8732	-10.73
ROLL_FSRU	rad	0.00285225	0.000196745	0.0020999	0.00361899
PITCH_FSRU	rad	5.09995E-06	0.000475527	-0.00171525	0.00165427
YAW_FSRU	rad	0.000421015	8.12494E-05	9.14919E-05	0.000714842
distManExc	m	0.378979	0.153979	0.087427	0.718054
xManExc	m	-0.361929	0.163274	-0.714149	0.00319255
yManExc	m	-0.0746291	0.00303908	-0.0856838	-0.0636279
zManExc	m	-0.0546303	0.0334643	-0.16608	0.0602911
WaveHeight-COG	m	-5.07417E-05	0.175459	-0.702895	0.682708
windSpeed	m/s	23.2954	2.48768	16.1652	30.4262
FJettyLine1	N	92296.8	20754.2	47234.1	136605
FJettyLine2	N	90734.6	21175.8	44931.3	136130
FJettyLine3	N	95036	15101.2	61485	129073
FJettyLine4	N	127741	2897.13	118293	137759
FJettyLine5	N	124146	2102.15	117039	132269
FJettyLine6	N	162480	14981.2	129228	196392
FJettyLine7	N	207637	29944.2	144694	273790
FJettyLine8	N	207546	29926.9	144625	273695
FJettyLine9	N	80250.9	31163.6	13199.5	146041
FJettyLine10	N	82536.4	30401.7	16874.9	146358
FJettyLine11	N	98378.4	19503.3	54587.9	139184
FJettyLine12	N	116364	9007.87	93751.7	140086
FJettyLine13	N	118336	8688.22	96919.7	140869
FJettyLine14	N	155709	8193.31	133744	175674
FJettyLine15	N	191160	22383	142714	241856
FJettyLine16	N	191160	22383	142714	241856
FJettyFend1	N	396623	19594.8	325974	468286
FJettyFend2	N	432896	13621.2	385939	480958
FJettyFend3	N	521589	10850.9	480266	557467

ballasted_0degN_RP50yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.43905	0.109364	4.16509	4.7024
yCOG_FSRU	m	0.108941	0.0042782	0.0936486	0.123971
zCOG_FSRU	m	3.7541	0.0211592	3.68058	3.82263
xREF_FSRU	m	0.372013	0.109194	0.0861975	0.646913
yREF_FSRU	m	0.111122	0.0190831	0.050393	0.170822
zREF_FSRU	m	-9.34588	0.0196241	-9.41399	-9.28326
ROLL_FSRU	rad	0.000293463	0.00124103	-0.00357076	0.00410842
PITCH_FSRU	rad	2.50853E-06	0.000495056	-0.00178474	0.00171056
YAW_FSRU	rad	0.000408952	6.89661E-05	0.000162187	0.000651512
distManExc	m	0.385912	0.102751	0.139371	0.626509
xManExc	m	-0.36436	0.109606	-0.618539	-0.095331
yManExc	m	-0.114532	0.0207581	-0.177104	-0.050826
zManExc	m	-0.00955942	0.0327794	-0.127109	0.110666
WaveHeight-COG	m	-5.15981E-05	0.175461	-0.705434	0.677294
windSpeed	m/s	23.2954	2.48768	16.1652	30.4262
FJettyLine1	N	92521.1	13978.9	56903.6	127370
FJettyLine2	N	90932.5	14262.9	54727.2	126701
FJettyLine3	N	95720.2	10211.9	68003.6	122766
FJettyLine4	N	128626	2330.76	120381	137160
FJettyLine5	N	125164	1898.37	118859	132233
FJettyLine6	N	163547	10072.2	137068	187615
FJettyLine7	N	208209	20227.3	160941	257405
FJettyLine8	N	208140	20216.2	160896	257307
FJettyLine9	N	80789.6	21053.7	30343.1	131155
FJettyLine10	N	83107.1	20554	33666.8	131921
FJettyLine11	N	99581.2	13091.8	67434.3	131290
FJettyLine12	N	117782	6234.73	100324	134693
FJettyLine13	N	119584	5996.4	103094	135521
FJettyLine14	N	156803	5622.46	140896	173802
FJettyLine15	N	191779	14878.5	154592	231676
FJettyLine16	N	191779	14878.5	154592	231676
FJettyFend1	N	401806	16383.9	331259	461371
FJettyFend2	N	437034	12487.2	386833	483395
FJettyFend3	N	523173	13361.6	476071	565744

loaded_0degN_RP100yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.89462	0.175698	3.46501	4.28765
yCOG_FSRU	m	0.095221	0.00430707	0.0811375	0.112523
zCOG_FSRU	m	9.20091	0.0268078	9.10804	9.28677
xREF_FSRU	m	0.405508	0.175265	-0.0123051	0.80326
yREF_FSRU	m	0.150466	0.00755695	0.123331	0.18119
zREF_FSRU	m	-10.799	0.0253783	-10.8864	-10.7167
ROLL_FSRU	rad	0.00283746	0.000279327	0.00177397	0.00396063
PITCH_FSRU	rad	4.36497E-06	0.000570426	-0.0020544	0.00197433
YAW_FSRU	rad	0.000431209	0.000111939	3.15981E-05	0.000852323
distManExc	m	0.4139	0.166311	0.0788533	0.791417
xManExc	m	-0.397524	0.175225	-0.786857	0.0374745
yManExc	m	-0.0751264	0.00435535	-0.0916659	-0.0601712
zManExc	m	-0.0543741	0.0402945	-0.188821	0.086386
WaveHeight-COG	m	-2.84875E-05	0.199687	-0.804145	0.791952
windSpeed	m/s	24.9953	2.64846	17.3586	32.6396
FJettyLine1	N	87708	22428.6	35095.7	139517
FJettyLine2	N	86062.5	22857.5	32615.1	139111
FJettyLine3	N	91699.1	16397.5	50239.7	129062
FJettyLine4	N	128189	3523.06	116129	140417
FJettyLine5	N	124258	2797.32	114579	135238
FJettyLine6	N	165731	16119.3	125416	201565
FJettyLine7	N	214304	32494	139043	288806
FJettyLine8	N	214209	32476.1	138972	288681
FJettyLine9	N	73374.7	33602.6	0	151807
FJettyLine10	N	75814.3	32824.4	2107.17	151926
FJettyLine11	N	94017.3	21146.9	44613.7	144144
FJettyLine12	N	114387	9914.16	86686.4	142239
FJettyLine13	N	116434	9522.09	90213	142778
FJettyLine14	N	157394	9071.55	132101	184389
FJettyLine15	N	196164	24410.7	138347	256533
FJettyLine16	N	196164	24410.7	138347	256533
FJettyFend1	N	394915	27483.7	293076	489974
FJettyFend2	N	432066	19247.4	360328	498872
FJettyFend3	N	522909	14840.7	469566	571307

ballasted_0degN_RP100yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.47432	0.130046	4.14973	4.78033
yCOG_FSRU	m	0.108922	0.00588163	0.089153	0.129572
zCOG_FSRU	m	3.7541	0.0252218	3.6683	3.83891
xREF_FSRU	m	0.407294	0.12986	0.0765168	0.710922
yREF_FSRU	m	0.111065	0.025507	0.0259197	0.199182
zREF_FSRU	m	-9.34587	0.0233757	-9.4247	-9.26892
ROLL_FSRU	rad	0.000293656	0.0016546	-0.00519509	0.0057886
PITCH_FSRU	rad	1.63934E-06	0.000598399	-0.00214435	0.00209412
YAW_FSRU	rad	0.000419119	0.000102343	-7.42247E-06	0.00078763
distManExc	m	0.420925	0.122683	0.135174	0.723103
xManExc	m	-0.39942	0.130342	-0.709014	-0.0716141
yManExc	m	-0.11477	0.0276513	-0.207701	-0.0237182
zManExc	m	-0.00957697	0.0409302	-0.168957	0.147066
WaveHeight-COG	m	-2.27353E-05	0.199688	-0.805894	0.780693
windSpeed	m/s	24.9953	2.64846	17.3586	32.6396
FJettyLine1	N	87939.6	16735	46533.1	130636
FJettyLine2	N	86276.1	17049	44225.9	130052
FJettyLine3	N	92383.6	12300.9	60352.7	126164
FJettyLine4	N	129066	3087.99	116425	140191
FJettyLine5	N	125272	2623.98	114017	136028
FJettyLine6	N	166750	12019.4	135981	196103
FJettyLine7	N	214929	24327.3	158043	273550
FJettyLine8	N	214857	24315.1	157999	273463
FJettyLine9	N	73913.9	25109	15142.3	134082
FJettyLine10	N	76369.8	24544.4	18753.4	134754
FJettyLine11	N	95226.8	15793.8	55772.4	133109
FJettyLine12	N	115843	7629.87	94389.5	139286
FJettyLine13	N	117711	7315.8	97575.5	139813
FJettyLine14	N	158464	6922.72	133773	180975
FJettyLine15	N	196759	18097.8	150505	246389
FJettyLine16	N	196759	18097.8	150505	246389
FJettyFend1	N	400087	24403.8	306137	506055
FJettyFend2	N	436188	18121.1	371547	507203
FJettyFend3	N	524463	18176.9	458435	593161

loaded_30degN_RP1yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.73742	0.118575	3.51115	3.97037
yCOG_FSRU	m	0.0658728	0.0116205	0.0356411	0.0950944
zCOG_FSRU	m	9.20099	0.0115277	9.15968	9.24289
xREF_FSRU	m	0.248167	0.11824	0.0169924	0.482405
yREF_FSRU	m	0.0982816	0.0321879	0.0106352	0.186796
zREF_FSRU	m	-10.7989	0.0108228	-10.8382	-10.7596
ROLL_FSRU	rad	0.0017924	0.00114077	-0.00143934	0.0051046
PITCH_FSRU	rad	1.09039E-05	0.000279631	-0.000940097	0.000970716
YAW_FSRU	rad	0.000985669	0.000269659	0.000311106	0.00176473
distManExc	m	0.250952	0.105756	0.0648375	0.476012
xManExc	m	-0.229913	0.117966	-0.470984	-0.00718775
yManExc	m	-0.0726355	0.0113856	-0.106959	-0.0384027
zManExc	m	-0.0345398	0.0280521	-0.138072	0.0710394
WaveHeight-COG	m	0.000018241	0.124994	-0.503934	0.476629
windSpeed	m/s	14.896	1.65708	10.3443	19.4535
FJettyLine1	N	103495	15010.6	71429	134581
FJettyLine2	N	102093	15390	69384	134057
FJettyLine3	N	99229.4	11908.7	71164.7	126291
FJettyLine4	N	118312	5675.98	100142	135674
FJettyLine5	N	116285	5403.07	99642	131702
FJettyLine6	N	145355	11507.5	116306	175029
FJettyLine7	N	182612	20298.6	145115	225425
FJettyLine8	N	182546	20287.6	145053	225312
FJettyLine9	N	108608	21601.7	60828.5	150188
FJettyLine10	N	110090	20902	63627.6	150199
FJettyLine11	N	127323	14121.2	88943.3	163505
FJettyLine12	N	143949	10173	112587	174977
FJettyLine13	N	143939	9504.32	114695	172872
FJettyLine14	N	169714	10124.1	140345	201990
FJettyLine15	N	187534	17097	147359	231828
FJettyLine16	N	187534	17097	147359	231828
FJettyFend1	N	207065	76329.5	0	414076
FJettyFend2	N	291956	57667.4	122899	450724
FJettyFend3	N	499595	41621	374695	624279

ballasted_30degN_RP1yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.31701	0.0622393	4.1737	4.46191
yCOG_FSRU	m	0.0748601	0.0127653	0.0349457	0.112331
zCOG_FSRU	m	3.75415	0.0114574	3.71382	3.79577
xREF_FSRU	m	0.249909	0.0621695	0.105976	0.394459
yREF_FSRU	m	0.0716002	0.0167498	0.015911	0.134022
zREF_FSRU	m	-9.34582	0.0105446	-9.38326	-9.30731
ROLL_FSRU	rad	5.44045E-05	0.000664101	-0.00249562	0.00248821
PITCH_FSRU	rad	8.00434E-06	0.00029116	-0.000976154	0.000995936
YAW_FSRU	rad	0.000976786	0.000281643	0.000146539	0.00182524
distManExc	m	0.254835	0.0562985	0.123153	0.40803
xManExc	m	-0.231682	0.0622983	-0.39293	-0.0793873
yManExc	m	-0.0999446	0.0132414	-0.14745	-0.0474025
zManExc	m	-0.0049559	0.0190705	-0.0735666	0.0666667
WaveHeight-COG	m	1.87206E-05	0.124993	-0.502108	0.465671
windSpeed	m/s	14.896	1.65708	10.3443	19.4535
FJettyLine1	N	103701	8144.54	82454.2	125219
FJettyLine2	N	102281	8386.2	80532.4	124479
FJettyLine3	N	99710.5	7270.1	77724.7	121757
FJettyLine4	N	118863	5039.42	101611	135495
FJettyLine5	N	116917	4855.05	101176	132593
FJettyLine6	N	146052	6780.78	123117	169760
FJettyLine7	N	183060	10535.1	155879	213410
FJettyLine8	N	183008	10531	155832	213347
FJettyLine9	N	109072	11312.5	76376.6	137880
FJettyLine10	N	110550	10903	78832.6	138304
FJettyLine11	N	127868	8810.57	97240.3	157846
FJettyLine12	N	144867	8978.12	116073	174323
FJettyLine13	N	144747	8289.23	117946	172114
FJettyLine14	N	170431	8895.87	142322	200026
FJettyLine15	N	187949	10087.8	157866	219349
FJettyLine16	N	187949	10087.8	157866	219349
FJettyFend1	N	210824	78741.2	0	442012
FJettyFend2	N	294893	56080.1	122296	460622
FJettyFend3	N	500662	23314.8	417764	586310

loaded_30degN_RP5yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.80909	0.153066	3.48638	4.12344
yCOG_FSRU	m	0.0454038	0.0230751	-0.0179291	0.109487
zCOG_FSRU	m	9.20104	0.0218855	9.12368	9.27397
xREF_FSRU	m	0.319836	0.152664	-0.00154798	0.644026
yREF_FSRU	m	0.0633392	0.063848	-0.118774	0.240535
zREF_FSRU	m	-10.7988	0.0207177	-10.8721	-10.7303
ROLL_FSRU	rad	0.00113748	0.00247659	-0.00706327	0.00923322
PITCH_FSRU	rad	1.19194E-05	0.000468891	-0.00166761	0.00161561
YAW_FSRU	rad	0.00137978	0.000567014	-0.000163875	0.00293097
distManExc	m	0.316667	0.138128	0.0493464	0.630981
xManExc	m	-0.294131	0.152374	-0.624978	0.0396526
yManExc	m	-0.0702148	0.0310204	-0.172373	0.0333665
zManExc	m	-0.0221693	0.056945	-0.223512	0.188531
WaveHeight-COG	m	-8.14235E-05	0.175201	-0.703504	0.685805
windSpeed	m/s	18.7957	2.05039	13.039	24.5679
FJettyLine1	N	91840.8	20502	43873.9	137457
FJettyLine2	N	90183.2	20938.1	41342.5	137024
FJettyLine3	N	88287	18253.5	41118.2	129923
FJettyLine4	N	114502	12936.2	73242.7	152714
FJettyLine5	N	112037	12589.9	73058.8	148942
FJettyLine6	N	148303	17024.9	93547.2	195474
FJettyLine7	N	193854	27328.3	132329	257106
FJettyLine8	N	193788	27315.5	132281	256991
FJettyLine9	N	98423.6	28444.9	29524.3	164256
FJettyLine10	N	100106	27632	32935	163676
FJettyLine11	N	128239	19890.3	61787.5	192117
FJettyLine12	N	153378	17932.2	93629.8	216179
FJettyLine13	N	152371	16574.3	97082.9	210044
FJettyLine14	N	185984	18563.1	133839	251911
FJettyLine15	N	206281	25154.7	142604	279204
FJettyLine16	N	206281	25154.7	142604	279204
FJettyFend1	N	104388	105470	0	451883
FJettyFend2	N	195842	104540	0	470080
FJettyFend3	N	485034	94996.8	186718	783937

ballasted_30degN_RP5yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.38926	0.0946273	4.15819	4.6188
yCOG_FSRU	m	0.0508961	0.0253366	-0.030246	0.118174
zCOG_FSRU	m	3.75419	0.0208404	3.68118	3.82239
xREF_FSRU	m	0.322153	0.094499	0.0861982	0.562385
yREF_FSRU	m	0.0441442	0.0329649	-0.0770439	0.146723
zREF_FSRU	m	-9.34577	0.0193315	-9.41347	-9.28333
ROLL_FSRU	rad	-8.78159E-05	0.00131464	-0.00433834	0.00397872
PITCH_FSRU	rad	8.27045E-06	0.000487451	-0.00174792	0.00170802
YAW_FSRU	rad	0.00137732	0.000603792	-0.000289192	0.00322588
distManExc	m	0.314288	0.090031	0.0806895	0.580016
xManExc	m	-0.296339	0.0959471	-0.556519	-0.043953
yManExc	m	-0.0892264	0.0279747	-0.192238	0.00830661
zManExc	m	-0.00228888	0.0333199	-0.118887	0.110519
WaveHeight-COG	m	-7.78346E-05	0.175197	-0.705653	0.678031
windSpeed	m/s	18.7957	2.05039	13.039	24.5679
FJettyLine1	N	91901.9	13322.4	56583.3	127262
FJettyLine2	N	90201.7	13617.2	54178.7	126602
FJettyLine3	N	88495.5	13460.7	49453.5	126638
FJettyLine4	N	114867	11777.8	75504.7	150828
FJettyLine5	N	112448	11399.7	75700.4	146506
FJettyLine6	N	148859	12660.5	104176	193690
FJettyLine7	N	193943	17240.5	147109	247218
FJettyLine8	N	193888	17232.4	147066	247136
FJettyLine9	N	98715.4	18318.7	41685.9	150218
FJettyLine10	N	100452	17755.4	44824	150113
FJettyLine11	N	128589	16420.4	66063.4	188345
FJettyLine12	N	154122	18702	92004.5	224093
FJettyLine13	N	153019	17195.4	95639.4	217083
FJettyLine14	N	186716	18236.8	135751	247210
FJettyLine15	N	206618	17838.7	155053	265912
FJettyLine16	N	206618	17838.7	155053	265912
FJettyFend1	N	108451	110528	0	528235
FJettyFend2	N	198415	102453	0	509871
FJettyFend3	N	484551	60111.2	277723	694090

loaded_30degN_RP10yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.84286	0.173563	3.45283	4.22202
yCOG_FSRU	m	0.0303844	0.0363118	-0.0724524	0.123296
zCOG_FSRU	m	9.20107	0.0259261	9.11065	9.28538
xREF_FSRU	m	0.35359	0.173108	-0.0347418	0.734795
yREF_FSRU	m	0.0416237	0.0863974	-0.201309	0.287584
zREF_FSRU	m	-10.7987	0.0245526	-10.8844	-10.7201
ROLL_FSRU	rad	0.000843332	0.00355466	-0.010924	0.0130497
PITCH_FSRU	rad	1.28915E-05	0.000550928	-0.00198967	0.00188796
YAW_FSRU	rad	0.00161281	0.000802828	-0.000524451	0.00371873
distManExc	m	0.351729	0.154858	0.0122913	0.728162
xManExc	m	-0.32348	0.172447	-0.720413	0.0931275
yManExc	m	-0.0647813	0.0535673	-0.217569	0.101645
zManExc	m	-0.0165829	0.077308	-0.316977	0.266903
WaveHeight-COG	m	-0.000117482	0.20051	-0.802966	0.785513
windSpeed	m/s	20.3956	2.20785	14.1471	26.657
FJettyLine1	N	86140.8	24150.9	23853.2	143167
FJettyLine2	N	84371.8	24645.2	20992.8	142921
FJettyLine3	N	82842.6	23246.8	22641.8	139850
FJettyLine4	N	112382	18960.2	54415.3	170310
FJettyLine5	N	109729	18534.2	55716.5	165727
FJettyLine6	N	149538	21334.7	79147.8	216591
FJettyLine7	N	199151	31466.5	122536	280044
FJettyLine8	N	199085	31454.1	122470	280008
FJettyLine9	N	94042.3	32287.1	13740.7	173620
FJettyLine10	N	95785.7	31406.6	17359.5	172703
FJettyLine11	N	130029	23569.4	51874.7	210046
FJettyLine12	N	159939	23839.2	86726.1	247634
FJettyLine13	N	158264	21907.2	90540	238675
FJettyLine14	N	196236	25969.1	129340	280338
FJettyLine15	N	216766	31086.3	137533	310004
FJettyLine16	N	216766	31086.3	137533	310004
FJettyFend1	N	74530.7	103283	0	492648
FJettyFend2	N	148885	118676	0	469426
FJettyFend3	N	469082	142659	33315.1	922558

ballasted_30degN_RP10yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.42289	0.112462	4.14172	4.71858
yCOG_FSRU	m	0.0348434	0.0388728	-0.0889197	0.129429
zCOG_FSRU	m	3.75421	0.0245607	3.66968	3.83331
xREF_FSRU	m	0.355786	0.112309	0.0625124	0.646425
yREF_FSRU	m	0.0262994	0.0470272	-0.14525	0.183998
zREF_FSRU	m	-9.34573	0.0227843	-9.42481	-9.273
ROLL_FSRU	rad	-0.000152881	0.00169741	-0.00568121	0.00567541
PITCH_FSRU	rad	8.79675E-06	0.000574804	-0.00208322	0.00199317
YAW_FSRU	rad	0.00160842	0.000822566	-0.000748705	0.00414844
distManExc	m	0.342823	0.107965	0.0673326	0.665144
xManExc	m	-0.325601	0.114376	-0.65872	-0.0293562
yManExc	m	-0.0805018	0.044247	-0.244736	0.0863288
zManExc	m	-0.00105999	0.0405817	-0.158201	0.175676
WaveHeight-COG	m	-0.000116013	0.20052	-0.805775	0.772994
windSpeed	m/s	20.3956	2.20785	14.1471	26.657
FJettyLine1	N	86170	16570.8	39754.7	131913
FJettyLine2	N	84357.8	16921.4	37077	131428
FJettyLine3	N	82979.5	18197.4	28146.3	133262
FJettyLine4	N	112701	17417.1	56301.7	163040
FJettyLine5	N	110074	16943.4	57410.1	157243
FJettyLine6	N	150013	17066.4	87813	211910
FJettyLine7	N	199109	21182.3	141992	269341
FJettyLine8	N	199053	21174.4	141932	269287
FJettyLine9	N	94248.3	22137	23337.9	155332
FJettyLine10	N	96059.1	21503.5	26740.8	155044
FJettyLine11	N	130199	20965.9	54709	205267
FJettyLine12	N	160478	25156	82526.4	258761
FJettyLine13	N	158720	23054.1	86697	248839
FJettyLine14	N	196681	25026.1	123412	279861
FJettyLine15	N	216990	22853.5	150465	291865
FJettyLine16	N	216990	22853.5	150465	291865
FJettyFend1	N	77096.5	110576	0	613123
FJettyFend2	N	151608	116762	0	555619
FJettyFend3	N	468608	111918	77382.9	838660

loaded_30degN_RP25yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.88757	0.212148	3.32767	4.39161
yCOG_FSRU	m	0.00196678	0.063917	-0.204846	0.145842
zCOG_FSRU	m	9.20112	0.0335163	9.08517	9.30845
xREF_FSRU	m	0.39828	0.211607	-0.144251	0.915535
yREF_FSRU	m	0.00450431	0.117677	-0.311402	0.305332
zREF_FSRU	m	-10.7986	0.0317334	-10.9078	-10.696
ROLL_FSRU	rad	0.00047248	0.00510468	-0.0155386	0.0152663
PITCH_FSRU	rad	1.44569E-05	0.000712927	-0.00254649	0.00248644
YAW_FSRU	rad	0.00198108	0.0010646	-0.000565502	0.00479186
distManExc	m	0.40545	0.181311	0.0115583	0.902555
xManExc	m	-0.361214	0.210111	-0.877331	0.226743
yManExc	m	-0.0504245	0.0910186	-0.284018	0.145942
zManExc	m	-0.00950121	0.108277	-0.35852	0.423152
WaveHeight-COG	m	-5.24088E-05	0.249611	-1.00527	0.989314
windSpeed	m/s	22.3954	2.4016	15.5364	29.2578
FJettyLine1	N	78522.3	30122.9	0	156910
FJettyLine2	N	76617.3	30709.6	0	157041
FJettyLine3	N	75656.9	30082.5	0	151765
FJettyLine4	N	109565	26055.5	34635.1	178672
FJettyLine5	N	106714	25528.7	35471.7	173166
FJettyLine6	N	151234	27733.1	66159.4	241903
FJettyLine7	N	206186	38957.6	106071	316485
FJettyLine8	N	206125	38945.3	106109	316432
FJettyLine9	N	88860.7	39190.9	0	202687
FJettyLine10	N	90622.1	38213.7	0	200234
FJettyLine11	N	134351	28960.1	33856.4	248414
FJettyLine12	N	171773	31483.4	79376.9	287832
FJettyLine13	N	168884	28778	83407	276344
FJettyLine14	N	213122	36133.6	128932	346485
FJettyLine15	N	233128	41370.2	138329	381085
FJettyLine16	N	233128	41370.2	138329	381085
FJettyFend1	N	46432.1	92385.4	0	575486
FJettyFend2	N	98716.3	119088	0	577236
FJettyFend3	N	433886	209750	0	1013600

ballasted_30degN_RP25yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.46785	0.153252	4.06104	4.8742
yCOG_FSRU	m	0.00138535	0.0674848	-0.180939	0.168754
zCOG_FSRU	m	3.75425	0.0315194	3.64708	3.86045
xREF_FSRU	m	0.400735	0.153044	-0.012889	0.80297
yREF_FSRU	m	-0.00984907	0.0753278	-0.259444	0.235078
zREF_FSRU	m	-9.34568	0.0292173	-9.4442	-9.24924
ROLL_FSRU	rad	-0.000234963	0.00224364	-0.00806539	0.0079073
PITCH_FSRU	rad	9.85103E-06	0.000748153	-0.00265669	0.00261879
YAW_FSRU	rad	0.00200557	0.0011033	-0.0011711	0.00557483
distManExc	m	0.382995	0.14622	0.0172051	0.829101
xManExc	m	-0.363036	0.155903	-0.823109	0.074995
yManExc	m	-0.0590949	0.0748963	-0.308607	0.203009
zManExc	m	0.000507423	0.0535022	-0.19381	0.197827
WaveHeight-COG	m	-4.35521E-05	0.249612	-1.00748	0.975324
windSpeed	m/s	22.3954	2.4016	15.5364	29.2578
FJettyLine1	N	78397.6	22895.1	12824.9	145787
FJettyLine2	N	76448.5	23355.8	9640.96	145713
FJettyLine3	N	75588.7	25670.9	1558.22	149662
FJettyLine4	N	109716	25184.5	20991.7	185867
FJettyLine5	N	106870	24583.8	22886.2	180098
FJettyLine6	N	151585	24258	59844.1	243739
FJettyLine7	N	206065	29368.5	122014	304642
FJettyLine8	N	206011	29359.7	121952	304576
FJettyLine9	N	89095	30332.6	0	175693
FJettyLine10	N	90927.3	29522.6	0	174653
FJettyLine11	N	135184	28853.2	41635.7	239768
FJettyLine12	N	173494	35072.9	70301.5	303663
FJettyLine13	N	170415	32076	75156.2	289604
FJettyLine14	N	214811	35041.9	121658	324124
FJettyLine15	N	234054	31568.1	141785	341995
FJettyLine16	N	234054	31568.1	141785	341995
FJettyFend1	N	57691.6	105405	0	590053
FJettyFend2	N	102940	130919	0	541367
FJettyFend3	N	426748	193826	0	1045300

loaded_30degN_RP50yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.92203	0.227729	3.2427	4.56511
yCOG_FSRU	m	-0.0284869	0.0890222	-0.279506	0.188665
zCOG_FSRU	m	9.20119	0.037445	9.07262	9.32093
xREF_FSRU	m	0.432732	0.227138	-0.250142	1.081
yREF_FSRU	m	-0.0319172	0.158586	-0.44396	0.372153
zREF_FSRU	m	-10.7983	0.03545	-10.9195	-10.6834
ROLL_FSRU	rad	0.000227961	0.00699946	-0.0205731	0.0196939
PITCH_FSRU	rad	1.56964E-05	0.000795423	-0.00283029	0.00282365
YAW_FSRU	rad	0.00228987	0.00135546	-0.000709138	0.00539734
distManExc	m	0.451638	0.191385	0.0141727	1.03014
xManExc	m	-0.38982	0.225497	-1.02251	0.27201
yManExc	m	-0.0308994	0.127728	-0.344	0.256348
zManExc	m	-0.00479554	0.143192	-0.46998	0.481021
WaveHeight-COG	m	-0.000133957	0.274901	-1.10234	1.0875
windSpeed	m/s	23.7953	2.53522	16.5154	31.078
FJettyLine1	N	73138.7	33544.3	0	173818
FJettyLine2	N	71172.9	34127	0	174496
FJettyLine3	N	71016.8	36032.3	0	178444
FJettyLine4	N	108095	34484	17758.3	195424
FJettyLine5	N	105119	33857.5	18293.8	189638
FJettyLine6	N	153241	33820.1	49390.2	266928
FJettyLine7	N	211676	42633.2	99082.7	363622
FJettyLine8	N	211621	42624.2	99157.4	363558
FJettyLine9	N	85491.1	41888.9	0	209208
FJettyLine10	N	87229.4	40925.8	0	206447
FJettyLine11	N	139080	33546.3	27665.5	252639
FJettyLine12	N	183546	40426.1	74716.4	292904
FJettyLine13	N	179434	36846	79208.5	281036
FJettyLine14	N	228966	46430.9	114742	392714
FJettyLine15	N	247835	49445.5	127562	433161
FJettyLine16	N	247835	49445.5	127562	433161
FJettyFend1	N	36597	92608.7	0	675662
FJettyFend2	N	73258.5	118045	0	642719
FJettyFend3	N	398486	266424	0	1163080

ballasted_30degN_RP50yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.50305	0.179349	3.95299	5.04272
yCOG_FSRU	m	-0.0301029	0.0906186	-0.261344	0.180036
zCOG_FSRU	m	3.75431	0.0351256	3.63528	3.87339
xREF_FSRU	m	0.435932	0.179092	-0.126199	0.991082
yREF_FSRU	m	-0.0434441	0.0975323	-0.337796	0.239348
zREF_FSRU	m	-9.3456	0.0325569	-9.45463	-9.23724
ROLL_FSRU	rad	-0.000296043	0.00248653	-0.00857463	0.00801124
PITCH_FSRU	rad	0.000010554	0.000836241	-0.00296924	0.00295394
YAW_FSRU	rad	0.00232685	0.00125645	-0.00111995	0.00600519
distManExc	m	0.416085	0.168426	0.0044171	0.981273
xManExc	m	-0.392147	0.182292	-0.975066	0.188949
yManExc	m	-0.0372636	0.0972307	-0.345078	0.240085
zManExc	m	0.0016254	0.0603251	-0.213558	0.230514
WaveHeight-COG	m	-0.000126404	0.274899	-1.10642	1.07844
windSpeed	m/s	23.7953	2.53522	16.5154	31.078
FJettyLine1	N	72686.7	26746.7	0	156384
FJettyLine2	N	70646.3	27234.7	0	156599
FJettyLine3	N	70508.5	29907.4	0	159072
FJettyLine4	N	108080	29553.4	17995.5	198556
FJettyLine5	N	105081	28895.1	19013	189400
FJettyLine6	N	153355	28595.4	45805.7	272775
FJettyLine7	N	211617	34663	98810.6	348832
FJettyLine8	N	211567	34653.4	98780.4	348798
FJettyLine9	N	85425.8	35342.7	0	201392
FJettyLine10	N	87241.1	34479.6	0	199268
FJettyLine11	N	139902	33895.3	24481.3	250563
FJettyLine12	N	185341	41974.4	79452.7	307606
FJettyLine13	N	181058	38358	82648.1	291827
FJettyLine14	N	230648	42110	124530	365927
FJettyLine15	N	248510	37977	132044	409484
FJettyLine16	N	248510	37977	132044	409484
FJettyFend1	N	45024.6	92422	0	510100
FJettyFend2	N	82392.9	126248	0	536131
FJettyFend3	N	387252	239450	0	1129200

loaded_30degN_RP100yr

name	unit	mean	std	min	max
xCOG_FSRU	m	3.96029	0.243575	3.2247	4.65384
yCOG_FSRU	m	-0.0620964	0.0980899	-0.334521	0.204974
zCOG_FSRU	m	9.2012	0.0380102	9.07231	9.32357
xREF_FSRU	m	0.470966	0.2429	-0.275832	1.17003
yREF_FSRU	m	-0.071654	0.205654	-0.553014	0.407388
zREF_FSRU	m	-10.7979	0.0360095	-10.9198	-10.6798
ROLL_FSRU	rad	-2.07242E-05	0.00912159	-0.0245865	0.0231459
PITCH_FSRU	rad	1.80114E-05	0.000810077	-0.00285494	0.00286925
YAW_FSRU	rad	0.00262049	0.00144311	-0.000633661	0.0060093
distManExc	m	0.497688	0.204984	0.0172244	1.15997
xManExc	m	-0.421828	0.239906	-1.14706	0.27188
yManExc	m	-0.00875442	0.146275	-0.383392	0.3636
zManExc	m	0.000155096	0.180958	-0.481509	0.530053
WaveHeight-COG	m	-0.000113558	0.275008	-1.10469	1.08086
windSpeed	m/s	25.1953	2.66722	17.4994	32.8995
FJettyLine1	N	67310.1	35434.5	0	181846
FJettyLine2	N	65278.5	35979.6	0	182759
FJettyLine3	N	66247.7	38071.5	0	174642
FJettyLine4	N	106945	37663.9	9507.15	210676
FJettyLine5	N	103832	37025.7	4299.42	205070
FJettyLine6	N	155722	37347.8	53023.4	288387
FJettyLine7	N	217903	46290	106280	402155
FJettyLine8	N	217855	46286.4	106437	402205
FJettyLine9	N	81657	43931.2	0	211998
FJettyLine10	N	83388.8	42986.6	0	209067
FJettyLine11	N	144217	34316.2	41817	251688
FJettyLine12	N	196255	43974.9	87237.5	315413
FJettyLine13	N	190875	39984.5	91589.8	295683
FJettyLine14	N	246617	53549.5	107697	447847
FJettyLine15	N	264333	57309	119355	482920
FJettyLine16	N	264333	57309	119355	482920
FJettyFend1	N	26324.8	80696.6	0	663136
FJettyFend2	N	50107.5	105571	0	627213
FJettyFend3	N	359266	280292	0	1230380

ballasted_30degN_RP100yr

name	unit	mean	std	min	max
xCOG_FSRU	m	4.54136	0.198196	3.98859	5.09141
yCOG_FSRU	m	-0.0677998	0.120684	-0.372545	0.18416
zCOG_FSRU	m	3.75433	0.0355724	3.63403	3.87571
xREF_FSRU	m	0.47423	0.197898	-0.0778254	1.02328
yREF_FSRU	m	-0.0832859	0.126996	-0.471532	0.240549
zREF_FSRU	m	-9.34557	0.032949	-9.45558	-9.23489
ROLL_FSRU	rad	-0.000357809	0.00284218	-0.00969329	0.00882886
PITCH_FSRU	rad	1.22345E-05	0.000854237	-0.00298118	0.00302365
YAW_FSRU	rad	0.00265532	0.00138722	-0.00106521	0.0065898
distManExc	m	0.453366	0.187576	0.0139933	1.07776
xManExc	m	-0.424252	0.201184	-1.04122	0.15913
yManExc	m	-0.00941855	0.126733	-0.369959	0.349328
zManExc	m	0.00284485	0.0640492	-0.226839	0.225586
WaveHeight-COG	m	-0.000110779	0.275013	-1.10774	1.07501
windSpeed	m/s	25.1953	2.66722	17.4994	32.8995
FJettyLine1	N	67006.7	29663.6	0	165129
FJettyLine2	N	64886.5	30168.3	0	165594
FJettyLine3	N	66047.4	33487.4	0	167424
FJettyLine4	N	107420	33938.5	9735.81	212613
FJettyLine5	N	104251	33250.1	9428.59	200775
FJettyLine6	N	156181	32766.7	48328.2	291875
FJettyLine7	N	217955	38927.8	111573	374296
FJettyLine8	N	217910	38919.3	111512	374231
FJettyLine9	N	81537.1	38778.2	0	189497
FJettyLine10	N	83324.3	37912.1	0	187875
FJettyLine11	N	145168	38504.3	16883.7	259576
FJettyLine12	N	198635	49576.7	78597.6	345941
FJettyLine13	N	193014	45222.4	81637.5	324085
FJettyLine14	N	248784	50973.5	127459	394745
FJettyLine15	N	264985	44911.6	130945	406727
FJettyLine16	N	264985	44911.6	130945	406727
FJettyFend1	N	33537.8	86491.4	0	551171
FJettyFend2	N	63990.5	122863	0	559743
FJettyFend3	N	348355	279218	0	1187240

Statistics of simulation runs for A03

Extreme touchdown catenary shapes of runs for A03

loaded_60degN_RP50yr

name	units	mean	std	min	max
xCOG_FSRU	m	2.41464	0.942413	-0.087802	4.88873
yCOG_FSRU	m	-13.5387	0.927274	-15.8219	-11.3921
zCOG_FSRU	m	9.1895	0.0608348	8.95352	9.41951
xREF_FSRU	m	-1.06914	0.940007	-3.56582	1.44114
yREF_FSRU	m	-13.7667	0.912236	-16.1902	-11.4302
zREF_FSRU	m	-10.8093	0.0568033	-11.029	-10.5959
ROLL_FSRU	rad	-0.00638371	0.0083591	-0.0272283	0.0136002
PITCH_FSRU	rad	2.37706E-05	0.00170439	-0.006462	0.00617678
YAW_FSRU	rad	0.028772	0.0177886	-0.025506	0.0803717
WaveHeight-COG	m	-9.69865E-05	0.377177	-1.48023	1.51036
windSpeed	ms-1	22.2955	2.39201	15.4641	29.1224
FairleadTension1	kN	1146.73	205.858	566.731	1764.11
FairleadTension2	kN	1232.74	215.875	602.49	1875.87
FairleadTension3	kN	1517.96	229.706	806.018	2165.67
FairleadTension4	kN	1337.59	215.303	664.809	1948.12
FairleadTension5	kN	52.8027	12.534	32.8289	123.657
FairleadTension6	kN	48.4208	10.8524	31.0467	109.617
FairleadTension7	kN	168.407	67.6303	63.6156	467.337
FairleadTension8	kN	181.484	69.8789	68.6968	483.578
AnchorTension1	kN	1132.73	206.868	548.281	1752.49
AnchorTension2	kN	1219.15	216.825	584.5	1864.36
AnchorTension3	kN	1506.48	230.389	791.337	2155.79
AnchorTension4	kN	1325.52	216.084	648.923	1937.86
AnchorTension5	kN	29.1031	12.5085	9.4674	99.221
AnchorTension6	kN	24.721	10.8262	7.71466	85.1871
AnchorTension7	kN	139.598	68.2392	34.7385	444.559
AnchorTension8	kN	152.763	70.6117	39.8205	461.124
xManExc	m	-5.12441	1.20807	-8.38241	-1.82603
yManExc	m	-12.6944	1.14949	-15.6569	-9.86256
zManExc	m	-20.1324	0.186291	-20.737	-19.495
xFairLeadML6	m	-4.89343	1.1054	-7.93391	-1.98441
yFairLeadML6	m	-9.81872	2.6937	-18.3538	-1.61997
zFairLeadML6	m	-20.0701	0.279143	-21.1719	-19.0633
xFairLeadML10	m	-5.15687	1.21097	-8.3412	-1.70208
yFairLeadML10	m	-16.089	1.61036	-20.2183	-11.7399
zFairLeadML10	m	-20.1511	0.218275	-20.9196	-19.5206

ballasted_60degN_RP50yr

name	units	mean	std	min	max
xCOG_FSRU	m	3.00357	0.835165	0.672556	5.52012
yCOG_FSRU	m	-14.1068	1.83324	-17.2266	-10.5589
zCOG_FSRU	m	3.74234	0.055207	3.53042	3.95708
xREF_FSRU	m	-1.06063	0.833878	-3.41501	1.50692
yREF_FSRU	m	-14.2473	1.80668	-17.4073	-10.4267
zREF_FSRU	m	-9.35735	0.0502332	-9.54941	-9.16474
ROLL_FSRU	rad	-0.00165795	0.00546672	-0.0226856	0.0186872
PITCH_FSRU	rad	1.63955E-05	0.00183734	-0.00678506	0.00661551
YAW_FSRU	rad	0.029219	0.0177135	-0.0129705	0.070723
WaveHeight-COG	m	-2.43703E-05	0.377096	-1.50241	1.47088
windSpeed	ms-1	22.2955	2.39201	15.4641	29.1224
FairleadTension1	kN	1144.94	217.013	534.627	1812.86
FairleadTension2	kN	1235.23	242.153	577.651	1942.78
FairleadTension3	kN	1521.55	215.049	720.845	2239.14
FairleadTension4	kN	1336.4	197.755	618.459	2002.11
FairleadTension5	kN	56.931	11.4079	38.5473	107.395
FairleadTension6	kN	52.3038	9.97169	36.0793	96.7503
FairleadTension7	kN	172.427	69.4812	68.8836	473.957
FairleadTension8	kN	184.658	70.5018	74.2901	488.127
AnchorTension1	kN	1130.1	218.133	514.821	1800.53
AnchorTension2	kN	1220.81	243.267	558.462	1930.74
AnchorTension3	kN	1509.29	215.714	704.549	2228.45
AnchorTension4	kN	1323.53	198.503	601.119	1991.01
AnchorTension5	kN	31.4881	11.3774	13.4311	81.4075
AnchorTension6	kN	26.8607	9.94025	10.97	70.7621
AnchorTension7	kN	142.024	70.3032	38.4554	450.53
AnchorTension8	kN	154.361	71.4529	43.8412	464.987
xManExc	m	-5.6987	1.14177	-8.73483	-2.60557
yManExc	m	-13.3081	2.06087	-17.2055	-9.3507
zManExc	m	-13.1398	0.122039	-13.6083	-12.7156
xFairLeadML6	m	-5.46666	1.0297	-8.29185	-2.58229
yFairLeadML6	m	-10.3062	3.45164	-18.5242	-2.44257
zFairLeadML6	m	-13.1246	0.278449	-14.1503	-12.1224
xFairLeadML10	m	-5.73355	1.14409	-8.70286	-2.51883
yFairLeadML10	m	-16.6734	1.89367	-21.9492	-11.4087
zFairLeadML10	m	-13.1434	0.171227	-13.9672	-12.377

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name	units	mean	std	min	max
xCOG_FSRU	m	2.28832	0.777327	-0.0117703	4.5609
yCOG_FSRU	m	-14.4786	0.97914	-16.6931	-12.1822
zCOG_FSRU	m	9.18941	0.0653767	8.93329	9.44214
xREF_FSRU	m	-1.19468	0.776941	-3.54005	1.11049
yREF_FSRU	m	-14.7265	0.96108	-17.1437	-12.2414
zREF_FSRU	m	-10.8091	0.060767	-11.0476	-10.5778
ROLL_FSRU	rad	-0.00687905	0.00916285	-0.0297229	0.0153724
PITCH_FSRU	rad	2.52654E-05	0.00200349	-0.0073524	0.0072576
YAW_FSRU	rad	0.031658	0.0140104	-0.00734115	0.069907
WaveHeight-COG	m	7.87521E-05	0.400508	-1.58893	1.59499
windSpeed	ms-1	23.2954	2.48771	16.1626	30.4262
FairleadTension1	kN	1240.66	196.401	721.551	1812.54
FairleadTension2	kN	1333.88	208.227	783.148	1917.8
FairleadTension3	kN	1634.75	210.079	999.198	2229.75
FairleadTension4	kN	1437.36	199.316	848.615	2001.79
FairleadTension5	kN	47.8159	7.54732	33.4384	83.5265
FairleadTension6	kN	43.9923	6.47248	31.5778	73.9624
FairleadTension7	kN	160.457	54.1108	71.2289	338.903
FairleadTension8	kN	174.165	56.335	77.0373	355.973
AnchorTension1	kN	1227.13	197.251	705.125	1800.84
AnchorTension2	kN	1320.73	209.034	767.025	1906.37
AnchorTension3	kN	1623.61	210.634	985.711	2219.71
AnchorTension4	kN	1425.65	199.959	834.202	1991.67
AnchorTension5	kN	24.1105	7.50109	10.4003	59.6055
AnchorTension6	kN	20.2867	6.42403	8.54399	50.041
AnchorTension7	kN	131.493	54.3634	42.8154	312.665
AnchorTension8	kN	145.273	56.7039	48.6188	330.23
xManExc	m	-5.30641	0.970499	-8.00343	-2.46061
yManExc	m	-13.5507	1.17892	-16.2925	-10.8015
zManExc	m	-20.142	0.205147	-20.8964	-19.4814
xFairLeadML6	m	-5.04885	0.898343	-7.65682	-2.45445
yFairLeadML6	m	-10.3843	2.35648	-16.5197	-4.70885
zFairLeadML6	m	-20.0747	0.321055	-21.2869	-18.8759
xFairLeadML10	m	-5.34522	0.969231	-8.06564	-2.49342
yFairLeadML10	m	-17.2834	1.26808	-20.5991	-13.253
zFairLeadML10	m	-20.1621	0.246238	-20.9885	-19.3701

ballasted_60degN_RP100yr

name	units	mean	std	min	max
xCOG_FSRU	m	2.92114	0.923129	-0.044597	5.92836
yCOG_FSRU	m	-15.0368	2.07678	-18.8635	-11.3484
zCOG_FSRU	m	3.74224	0.0596373	3.51466	3.97575
xREF_FSRU	m	-1.14262	0.922185	-4.1097	1.91225
yREF_FSRU	m	-15.1872	2.04823	-19.1193	-11.4027
zREF_FSRU	m	-9.35744	0.0540824	-9.56103	-9.14895
ROLL_FSRU	rad	-0.00179045	0.00553484	-0.0238657	0.0202564
PITCH_FSRU	rad	0.000017196	0.00215451	-0.00766721	0.00760076
YAW_FSRU	rad	0.0312259	0.0190841	-0.0265429	0.0809823
WaveHeight-COG	m	0.000159953	0.400508	-1.6104	1.56745
windSpeed	ms-1	23.2954	2.48771	16.1626	30.4262
FairleadTension1	kN	1239.72	256.191	551.335	1939.73
FairleadTension2	kN	1338.06	283.893	598.916	2092.88
FairleadTension3	kN	1640.89	254.424	740.907	2377
FairleadTension4	kN	1440.59	235.357	651.689	2184.09
FairleadTension5	kN	53.8742	11.5669	34.7214	112.77
FairleadTension6	kN	49.5229	10.0421	32.9218	98.979
FairleadTension7	kN	169.368	74.9198	60.9665	557.038
FairleadTension8	kN	181.917	76.4132	65.5607	577.624
AnchorTension1	kN	1225.29	257.36	531.954	1927.6
AnchorTension2	kN	1324.04	285.048	580.186	2081.02
AnchorTension3	kN	1628.95	255.125	724.834	2366.66
AnchorTension4	kN	1428.06	236.151	634.758	2173.44
AnchorTension5	kN	28.4298	11.5303	9.99133	86.7563
AnchorTension6	kN	24.0782	10.004	8.19369	72.9648
AnchorTension7	kN	138.986	75.8774	30.6128	534.854
AnchorTension8	kN	151.639	77.5017	35.1856	555.773
xManExc	m	-5.82144	1.24515	-9.67721	-1.98944
yManExc	m	-14.1838	2.31665	-18.4965	-9.59586
zManExc	m	-13.1424	0.129383	-13.6072	-12.6027
xFairLeadML6	m	-5.5782	1.12905	-9.2155	-2.1
yFairLeadML6	m	-10.9757	3.79106	-20.9067	-1.30468
zFairLeadML6	m	-13.126	0.320675	-14.2518	-11.9869
xFairLeadML10	m	-5.85333	1.24597	-9.61432	-1.8862
yFairLeadML10	m	-17.7805	2.11742	-23.0482	-11.8073
zFairLeadML10	m	-13.1464	0.194569	-14.1236	-12.3591

loaded_90degN_RP50yr

name	units	mean	std	min	max
xCOG_FSRU	m	3.13129	1.533	-0.705796	6.93734
yCOG_FSRU	m	-14.5555	1.15475	-17.2761	-11.9839
zCOG_FSRU	m	9.18955	0.0810541	8.87714	9.49613
xREF_FSRU	m	-0.355911	1.52943	-4.27482	3.39236
yREF_FSRU	m	-14.7043	1.16329	-17.6753	-11.9338
zREF_FSRU	m	-10.8091	0.0758139	-11.1012	-10.5238
ROLL_FSRU	rad	-0.0068803	0.00887187	-0.02947	0.0151236
PITCH_FSRU	rad	1.16733E-05	0.00221322	-0.0084962	0.00777705
YAW_FSRU	rad	0.00323318	0.032071	-0.0730972	0.0849838
WaveHeight-COG	m	-0.000206053	0.502868	-1.97962	2.01448
windSpeed	ms-1	21.0955	2.27607	14.6296	27.5635
FairleadTension1	kN	1317.19	250.486	569.222	2126.71
FairleadTension2	kN	1451.88	257.028	617.649	2319.63
FairleadTension3	kN	1473.07	272.753	621.306	2248.42
FairleadTension4	kN	1323.59	247.754	519.568	2120.02
FairleadTension5	kN	86.4161	64.1443	29.4889	413.175
FairleadTension6	kN	78.7661	58.7175	28.0936	388.622
FairleadTension7	kN	121.449	73.2718	43.7905	474.873
FairleadTension8	kN	132.193	77.9364	46.8866	496.028
AnchorTension1	kN	1303.91	251.501	550.773	2115.8
AnchorTension2	kN	1439.11	257.93	599.781	2309.02
AnchorTension3	kN	1461.41	273.629	604.99	2238.47
AnchorTension4	kN	1311.44	248.696	502.053	2109.88
AnchorTension5	kN	62.7432	64.2502	6.76914	391.987
AnchorTension6	kN	55.0826	58.7873	5.38465	366.93
AnchorTension7	kN	92.5492	73.8367	15.7303	452.266
AnchorTension8	kN	103.352	78.6177	18.8283	473.855
xManExc	m	-3.92202	2.08209	-8.88747	0.91185
yManExc	m	-14.4014	1.37814	-17.8882	-10.622
zManExc	m	-20.1415	0.212492	-20.904	-19.3879
xFairLeadML6	m	-3.94374	1.79659	-8.53544	0.20083
yFairLeadML6	m	-14.1779	4.22205	-25.0992	-1.97722
zFairLeadML6	m	-20.0728	0.360054	-21.4698	-18.7661
xFairLeadML10	m	-3.87376	2.17267	-8.95133	1.3409
yFairLeadML10	m	-14.8893	3.13144	-22.5438	-6.73351
zFairLeadML10	m	-20.1632	0.245917	-21.0197	-19.4016

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name	units	mean	std	min	max
xCOG_FSRU	m	3.74038	1.29976	-0.172602	7.83029
yCOG_FSRU	m	-15.1364	2.2509	-19.3181	-10.7195
zCOG_FSRU	m	3.74244	0.0734963	3.46038	4.02825
xREF_FSRU	m	-0.325134	1.29959	-4.21707	3.75046
yREF_FSRU	m	-15.1734	2.239	-19.4892	-10.5805
zREF_FSRU	m	-9.35727	0.0670013	-9.61413	-9.10026
ROLL_FSRU	rad	-0.00177711	0.00563858	-0.0251785	0.020108
PITCH_FSRU	rad	5.95197E-06	0.00238293	-0.00889938	0.00835268
YAW_FSRU	rad	0.00339039	0.026779	-0.0608834	0.0705192
WaveHeight-COG	m	-0.00011163	0.502768	-2.01322	1.95505
windSpeed	ms-1	21.0955	2.27607	14.6296	27.5635
FairleadTension1	kN	1306.47	296.326	534.333	2216.07
FairleadTension2	kN	1445.13	323.22	590.77	2460.19
FairleadTension3	kN	1471.77	316.021	523.544	2447.19
FairleadTension4	kN	1318.67	289.308	434.48	2325.48
FairleadTension5	kN	81.6046	41.6847	35.4668	306.173
FairleadTension6	kN	74.2872	37.0764	33.5026	281.884
FairleadTension7	kN	119.942	61.9476	48.6532	413.513
FairleadTension8	kN	130.2	65.2415	51.3566	440.834
AnchorTension1	kN	1292.29	297.579	514.458	2204.69
AnchorTension2	kN	1431.48	324.398	571.783	2449.18
AnchorTension3	kN	1459.26	317.077	505.058	2436.84
AnchorTension4	kN	1305.62	290.453	414.64	2314.96
AnchorTension5	kN	56.1646	41.6714	10.5896	281.389
AnchorTension6	kN	48.846	37.0585	8.62763	256.556
AnchorTension7	kN	89.265	62.4106	18.0851	388.615
AnchorTension8	kN	99.5698	65.8022	20.7885	416.591
xManExc	m	-4.46745	1.74911	-9.0092	0.279113
yManExc	m	-15.0209	2.45058	-19.8254	-9.74889
zManExc	m	-13.1417	0.144133	-13.7122	-12.6123
xFairLeadML6	m	-4.47158	1.51669	-8.69541	-0.092824
yFairLeadML6	m	-14.6964	4.38536	-25.3444	-2.99414
zFairLeadML6	m	-13.1242	0.362698	-14.4286	-11.7848
xFairLeadML10	m	-4.4374	1.82452	-9.03706	0.415543
yFairLeadML10	m	-15.4394	3.03366	-22.5943	-7.78928
zFairLeadML10	m	-13.1469	0.201252	-14.172	-12.2358

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name	units	mean	std	min	max
xCOG_FSRU	m	3.08134	1.35934	-0.699251	6.72439
yCOG_FSRU	m	-15.4834	1.21785	-18.485	-12.49
zCOG_FSRU	m	9.1896	0.0895465	8.83854	9.53398
xREF_FSRU	m	-0.406131	1.3573	-4.19253	3.28958
yREF_FSRU	m	-15.6463	1.21317	-19.0062	-12.4181
zREF_FSRU	m	-10.8088	0.0834167	-11.1365	-10.4875
ROLL_FSRU	rad	-0.00739925	0.00964621	-0.0310648	0.0176676
PITCH_FSRU	rad	1.25385E-05	0.00263467	-0.00999231	0.00962162
YAW_FSRU	rad	0.00429243	0.0267166	-0.0569918	0.0681697
WaveHeight-COG	m	-0.000163058	0.550289	-2.19622	2.21797
windSpeed	ms-1	21.9955	2.36314	15.2551	28.7331
FairleadTension1	kN	1407.19	270.86	541.752	2338.3
FairleadTension2	kN	1551.67	281.633	644.816	2543.06
FairleadTension3	kN	1573.6	294.339	640.428	2548.45
FairleadTension4	kN	1411.35	274.566	571.473	2350.46
FairleadTension5	kN	70.6677	37.451	29.2765	328.026
FairleadTension6	kN	64.0524	32.8382	27.8385	302.065
FairleadTension7	kN	108.954	52.9715	46.1875	327.416
FairleadTension8	kN	119.575	57.7296	49.2507	350.327
AnchorTension1	kN	1394.25	271.852	523.299	2327.79
AnchorTension2	kN	1539.22	282.519	627.644	2532.84
AnchorTension3	kN	1562.24	295.191	624.423	2539.02
AnchorTension4	kN	1399.49	275.508	554.683	2340.99
AnchorTension5	kN	46.9607	37.4333	7.1463	305.522
AnchorTension6	kN	40.3446	32.8161	5.70823	279.063
AnchorTension7	kN	79.8989	53.075	17.2882	302.271
AnchorTension8	kN	90.5522	57.9121	20.2576	325.84
xManExc	m	-3.98798	1.78431	-8.31023	0.669998
yManExc	m	-15.2918	1.42935	-19.1978	-11.8922
zManExc	m	-20.1515	0.235472	-20.9592	-19.3746
xFairLeadML6	m	-3.98312	1.56239	-8.02061	-0.0191322
yFairLeadML6	m	-14.9689	3.69417	-24.1819	-6.334
zFairLeadML6	m	-20.0774	0.421012	-21.6802	-18.5624
xFairLeadML10	m	-3.9606	1.85362	-8.42302	1.05506
yFairLeadML10	m	-15.909	2.62334	-22.3308	-9.86365
zFairLeadML10	m	-20.1746	0.277998	-21.1023	-19.2066

ballasted_90degN_RP100yr

name	units	mean	std	min	max
xCOG_FSRU	m	3.69705	1.57143	-0.332196	7.78998
yCOG_FSRU	m	-16.0421	2.49267	-21.0628	-11.3013
zCOG_FSRU	m	3.74232	0.0814353	3.42932	4.06014
xREF_FSRU	m	-0.367847	1.57132	-4.4273	3.72962
yREF_FSRU	m	-16.0836	2.48409	-21.2739	-11.074
zREF_FSRU	m	-9.35735	0.0740045	-9.63784	-9.0734
ROLL_FSRU	rad	-0.00190646	0.00599184	-0.0300406	0.0244144
PITCH_FSRU	rad	5.3052E-06	0.00283756	-0.0105238	0.0105047
YAW_FSRU	rad	0.00408177	0.0315934	-0.0657419	0.0767286
WaveHeight-COG	m	-4.34654E-06	0.550293	-2.18063	2.20476
windSpeed	ms-1	21.9955	2.36314	15.2551	28.7331
FairleadTension1	kN	1410.69	359.108	587.147	2705.18
FairleadTension2	kN	1558.98	386.746	669.847	2862.59
FairleadTension3	kN	1583.38	385.201	615.007	3016.82
FairleadTension4	kN	1418.2	354.885	549.417	2733.73
FairleadTension5	kN	81.7959	47.5532	32.9515	302.791
FairleadTension6	kN	74.2666	42.1392	31.2908	283.263
FairleadTension7	kN	120.844	69.714	44.987	448.814
FairleadTension8	kN	131.288	73.7143	48.0973	475.611
AnchorTension1	kN	1396.85	360.47	568.585	2694.45
AnchorTension2	kN	1545.65	388	651.646	2852.02
AnchorTension3	kN	1571.15	386.37	598.082	3007.41
AnchorTension4	kN	1405.44	356.153	531.672	2724.04
AnchorTension5	kN	56.3554	47.5383	9.09492	278.169
AnchorTension6	kN	48.8244	42.118	7.44132	258.207
AnchorTension7	kN	90.2228	70.2973	15.5644	425.577
AnchorTension8	kN	100.732	74.4218	18.6718	452.938
xManExc	m	-4.5277	2.08992	-9.41935	0.266029
yManExc	m	-15.9086	2.70327	-21.41	-10.0951
zManExc	m	-13.1443	0.160745	-13.7623	-12.4749
xFairLeadML6	m	-4.53984	1.82349	-9.13666	-0.174646
yFairLeadML6	m	-15.5134	4.99114	-27.6459	-3.42185
zFairLeadML6	m	-13.1254	0.425582	-14.6807	-11.548
xFairLeadML10	m	-4.48357	2.17509	-9.54786	0.593269
yFairLeadML10	m	-16.4086	3.55749	-24.8626	-7.91989
zFairLeadML10	m	-13.1499	0.237756	-14.4329	-12.1826

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name	units	mean	std	min	max
xCOG_FSRU	m	3.83848	0.967221	0.670147	6.91608
yCOG_FSRU	m	-12.6953	1.01103	-14.9735	-9.83451
zCOG_FSRU	m	9.18993	0.0865831	8.8871	9.4948
xREF_FSRU	m	0.348358	0.965951	-2.87381	3.4507
yREF_FSRU	m	-12.7508	1.01065	-15.1562	-9.87665
zREF_FSRU	m	-10.8092	0.0817734	-11.0929	-10.5248
ROLL_FSRU	rad	-0.00594475	0.00706109	-0.0244035	0.0133222
PITCH_FSRU	rad	7.2588E-08	0.00193345	-0.0071741	0.00712198
YAW_FSRU	rad	-0.0181631	0.0171881	-0.0618046	0.0302442
WaveHeight-COG	m	-0.000417678	0.574479	-2.31483	2.18629
windSpeed	ms-1	19.6956	2.13925	13.6612	25.7395
FairleadTension1	kN	1157.71	234.692	421.494	2006.71
FairleadTension2	kN	1299.71	249.946	456.204	2169.87
FairleadTension3	kN	1156.55	250.892	419.157	2038.03
FairleadTension4	kN	1065.66	234.912	376.982	1932.56
FairleadTension5	kN	118.671	56.43	46.2283	398.869
FairleadTension6	kN	108.463	51.6998	43.4327	371.648
FairleadTension7	kN	87.4617	23.4284	50.4258	235.537
FairleadTension8	kN	95.6281	26.362	53.3845	255.302
AnchorTension1	kN	1143.72	235.849	400.736	1995.46
AnchorTension2	kN	1286.36	250.982	436.073	2158.92
AnchorTension3	kN	1143.68	252.06	400.254	2027.8
AnchorTension4	kN	1052.36	236.141	357.488	1922.11
AnchorTension5	kN	94.9917	56.4455	23.127	377.338
AnchorTension6	kN	84.7781	51.6981	20.3312	349.534
AnchorTension7	kN	58.376	23.3808	21.8221	206.536
AnchorTension8	kN	66.5436	26.3192	24.7769	226.8
xManExc	m	-2.80367	1.17238	-6.31796	0.724217
yManExc	m	-13.1309	1.088	-15.9394	-9.28709
zManExc	m	-20.1229	0.186689	-20.843	-19.4574
xFairLeadML6	m	-3.0197	1.03333	-6.25768	0.196365
yFairLeadML6	m	-15.1084	2.38104	-21.361	-7.23488
zFairLeadML6	m	-20.0627	0.328345	-21.2758	-18.8418
xFairLeadML10	m	-2.70609	1.23997	-6.31922	0.957163
yFairLeadML10	m	-11.1599	1.86876	-15.9929	-6.67216
zFairLeadML10	m	-20.143	0.195705	-20.7929	-19.5531

ballasted_120degN_RP50yr

name	units	mean	std	min	max
xCOG_FSRU	m	4.30599	1.50059	0.531518	7.688
yCOG_FSRU	m	-13.2785	1.92412	-17.4399	-8.80694
zCOG_FSRU	m	3.74249	0.079454	3.45553	4.03882
xREF_FSRU	m	0.241552	1.5018	-3.51887	3.65326
yREF_FSRU	m	-13.2342	1.94375	-17.6574	-8.58518
zREF_FSRU	m	-9.35729	0.0733308	-9.61956	-9.08533
ROLL_FSRU	rad	-0.00149985	0.00550043	-0.0226521	0.0198347
PITCH_FSRU	rad	-6.15442E-06	0.00206408	-0.00775151	0.00759176
YAW_FSRU	rad	-0.0157309	0.0336348	-0.0860334	0.0590537
WaveHeight-COG	m	-0.000342887	0.57463	-2.31865	2.23732
windSpeed	ms-1	19.6956	2.13925	13.6612	25.7395
FairleadTension1	kN	1182.17	254.12	458.617	2032.9
FairleadTension2	kN	1325.22	276.673	534.053	2171.95
FairleadTension3	kN	1177.28	287.142	448.79	1956.01
FairleadTension4	kN	1077.64	255.773	424.076	1813.04
FairleadTension5	kN	153.743	122.356	37.7584	638.01
FairleadTension6	kN	144.493	119.485	35.574	636.349
FairleadTension7	kN	110.284	58.3175	45.575	411.768
FairleadTension8	kN	119.545	61.9485	48.4497	430.543
AnchorTension1	kN	1167.47	255.369	437.734	2020.66
AnchorTension2	kN	1311.15	277.82	514.417	2160
AnchorTension3	kN	1163.61	288.506	429.45	1944.62
AnchorTension4	kN	1063.5	257.145	404.336	1801.35
AnchorTension5	kN	128.742	123.366	12.7891	619.354
AnchorTension6	kN	119.446	120.435	10.6034	617.672
AnchorTension7	kN	79.5529	58.6371	15.8153	386.661
AnchorTension8	kN	88.8509	62.3485	18.6868	405.897
xManExc	m	-3.54897	2.07366	-8.43905	0.876199
yManExc	m	-13.6845	2.03919	-18.6025	-9.04626
zManExc	m	-13.136	0.139096	-13.7222	-12.5272
xFairLeadML6	m	-3.77809	1.71287	-8.05247	-0.147083
yFairLeadML6	m	-15.3306	4.58974	-26.5885	-3.05561
zFairLeadML6	m	-13.1201	0.329075	-14.3544	-11.8239
xFairLeadML10	m	-3.41534	2.2392	-8.44324	1.56997
yFairLeadML10	m	-11.9176	3.67598	-21.1469	-3.3075
zFairLeadML10	m	-13.1417	0.166876	-13.7239	-12.5542

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name	units	mean	std	min	max
xCOG_FSRU	m	3.75632	1.3313	-0.0363068	7.34403
yCOG_FSRU	m	-13.2435	1.22094	-16.673	-9.88
zCOG_FSRU	m	9.1898	0.0970672	8.8356	9.54447
xREF_FSRU	m	0.266745	1.32954	-3.58714	3.89816
yREF_FSRU	m	-13.3089	1.22784	-16.8579	-10.1085
zREF_FSRU	m	-10.8092	0.0914613	-11.1406	-10.4791
ROLL_FSRU	rad	-0.00622726	0.00748949	-0.0239661	0.013007
PITCH_FSRU	rad	2.58094E-07	0.00228851	-0.00858538	0.00845666
YAW_FSRU	rad	-0.0169389	0.0264977	-0.0892968	0.0589403
WaveHeight-COG	m	-0.000590188	0.626096	-2.52075	2.44943
windSpeed	ms-1	20.2956	2.19809	14.0755	26.5219
FairleadTension1	kN	1230.37	276.676	492.271	2009.95
FairleadTension2	kN	1377.7	292.928	567.626	2175.74
FairleadTension3	kN	1221.44	298.315	488.335	2076.97
FairleadTension4	kN	1122.06	276.397	417.015	1881.57
FairleadTension5	kN	129.201	92.1526	34.288	670.2
FairleadTension6	kN	119.235	87.7252	32.4307	646.647
FairleadTension7	kN	93.3455	40.616	43.1353	334.182
FairleadTension8	kN	102.103	44.5498	45.7403	355.928
AnchorTension1	kN	1216.67	277.937	472.63	1998.58
AnchorTension2	kN	1364.61	294.051	549.068	2164.67
AnchorTension3	kN	1208.79	299.602	470.583	2066.91
AnchorTension4	kN	1108.98	277.749	398.241	1871.19
AnchorTension5	kN	105.633	92.5361	10.7227	653.114
AnchorTension6	kN	95.6429	88.0655	8.86409	629.312
AnchorTension7	kN	64.273	40.6545	14.8266	308.035
AnchorTension8	kN	73.0428	44.6292	17.4309	330.396
xManExc	m	-2.91394	1.71661	-7.74926	1.70138
yManExc	m	-13.6459	1.32822	-17.8763	-9.54893
zManExc	m	-20.1285	0.205059	-20.8072	-19.3473
xFairLeadML6	m	-3.13668	1.46666	-7.40074	0.67302
yFairLeadML6	m	-15.4993	3.48619	-24.4243	-6.39795
zFairLeadML6	m	-20.0654	0.381791	-21.413	-18.5895
xFairLeadML10	m	-2.7999	1.83234	-7.76669	2.32699
yFairLeadML10	m	-11.8205	2.76164	-20.0534	-4.2828
zFairLeadML10	m	-20.1494	0.219319	-20.8646	-19.3705

ballasted_120degN_RP100yr

name	units	mean	std	min	max
xCOG_FSRU	m	4.42402	1.10617	1.14309	7.64057
yCOG_FSRU	m	-13.8247	2.06577	-18.0139	-9.46143
zCOG_FSRU	m	3.74268	0.0884315	3.41387	4.07842
xREF_FSRU	m	0.358283	1.10689	-2.93817	3.5727
yREF_FSRU	m	-13.7719	2.06249	-18.1289	-9.29493
zREF_FSRU	m	-9.35708	0.0813082	-9.65804	-9.05039
ROLL_FSRU	rad	-0.00159149	0.00562888	-0.0220492	0.0182481
PITCH_FSRU	rad	-6.15217E-06	0.00245522	-0.00934107	0.00859561
YAW_FSRU	rad	-0.0181152	0.020793	-0.0689621	0.0380664
WaveHeight-COG	m	-0.000487793	0.62611	-2.51456	2.42862
windSpeed	ms-1	20.2956	2.19809	14.0755	26.5219
FairleadTension1	kN	1218.61	296.233	444.872	2190.39
FairleadTension2	kN	1371.11	324.397	505.357	2402.82
FairleadTension3	kN	1221.49	324.082	352.024	2261.84
FairleadTension4	kN	1120.37	299.734	321.978	2128.18
FairleadTension5	kN	122.589	63.7341	43.3325	385.84
FairleadTension6	kN	112.486	59.7066	40.352	376.166
FairleadTension7	kN	93.0472	31.5402	47.1234	267
FairleadTension8	kN	101.501	34.6503	49.9515	280.925
AnchorTension1	kN	1204.01	297.643	423.137	2178.97
AnchorTension2	kN	1357.16	325.689	484.708	2391.73
AnchorTension3	kN	1207.95	325.54	330.418	2251.38
AnchorTension4	kN	1106.38	301.257	299.856	2117.5
AnchorTension5	kN	97.196	63.854	18.2972	363.171
AnchorTension6	kN	87.08	59.7945	15.3184	353.245
AnchorTension7	kN	62.2129	31.5046	16.9162	237.287
AnchorTension8	kN	70.6709	34.6294	19.7444	251.736
xManExc	m	-3.37749	1.38351	-7.19389	0.436707
yManExc	m	-14.287	2.17634	-18.9132	-9.16211
zManExc	m	-13.1376	0.152959	-13.7522	-12.5109
xFairLeadML6	m	-3.59867	1.19951	-7.09633	-0.212942
yFairLeadML6	m	-16.1851	3.50224	-25.1253	-6.43888
zFairLeadML6	m	-13.1207	0.385332	-14.4952	-11.6513
xFairLeadML10	m	-3.27074	1.4734	-7.2331	0.8379
yFairLeadML10	m	-12.2478	2.66606	-19.9966	-5.04502
zFairLeadML10	m	-13.1435	0.192851	-13.8372	-12.4374

loaded_150degN_RP50yr

name	units	mean	std	min	max
xCOG_FSRU	m	3.36707	1.18323	-0.410637	7.08988
yCOG_FSRU	m	-7.53337	1.24485	-10.4744	-4.07257
zCOG_FSRU	m	9.19012	0.0905015	8.87807	9.47723
xREF_FSRU	m	-0.121997	1.18176	-3.98818	3.59494
yREF_FSRU	m	-7.55869	1.26305	-10.5145	-3.8617
zREF_FSRU	m	-10.8095	0.0857126	-11.1073	-10.535
ROLL_FSRU	rad	-0.00369194	0.00407069	-0.0143648	0.00772756
PITCH_FSRU	rad	9.91959E-06	0.00191045	-0.00699605	0.0067362
YAW_FSRU	rad	-0.0139035	0.0252533	-0.0670867	0.0458186
WaveHeight-COG	m	-0.000763531	0.674858	-2.7052	2.58628
windSpeed	ms-1	20.6956	2.23715	14.3523	27.0429
FairleadTension1	kN	794.188	222.021	224.045	1629.53
FairleadTension2	kN	866.587	241.082	240.41	1778.85
FairleadTension3	kN	642.898	228.164	90.8457	1543.38
FairleadTension4	kN	603.501	205.215	94.2279	1395.1
FairleadTension5	kN	186.134	122.893	44.7287	751.229
FairleadTension6	kN	180.204	124.45	42.8612	746.722
FairleadTension7	kN	153.816	69.6055	57.0748	468.987
FairleadTension8	kN	164.275	71.8316	60.2474	493.926
AnchorTension1	kN	777.715	223.954	200.71	1617.48
AnchorTension2	kN	850.681	242.963	217.108	1767.18
AnchorTension3	kN	626.4	230.284	70.6409	1531.97
AnchorTension4	kN	586.66	207.227	74.043	1383.24
AnchorTension5	kN	162.891	123.763	21.7874	734.701
AnchorTension6	kN	156.951	125.324	19.9311	730.383
AnchorTension7	kN	125.005	70.1753	28.0174	446.164
AnchorTension8	kN	135.525	72.5063	31.1926	471.594
xManExc	m	-3.3588	1.51057	-7.74351	1.08272
yManExc	m	-7.87935	1.25562	-10.6988	-4.43083
zManExc	m	-20.0801	0.154594	-20.5989	-19.5594
xFairLeadML6	m	-3.54227	1.30005	-7.54839	0.396508
yFairLeadML6	m	-9.37669	3.20682	-16.9628	-1.89736
zFairLeadML6	m	-20.0439	0.325736	-21.122	-18.8671
xFairLeadML10	m	-3.26381	1.60809	-7.77582	1.42428
yFairLeadML10	m	-6.35679	2.78665	-13.5802	0.626362
zFairLeadML10	m	-20.0916	0.140951	-20.618	-19.6042

ballasted_150degN_RP50yr

name	units	mean	std	min	max
xCOG_FSRU	m	4.05837	1.02881	0.156679	7.28689
yCOG_FSRU	m	-7.97617	1.21249	-11.3623	-4.53479
zCOG_FSRU	m	3.74312	0.0849892	3.45342	4.02664
xREF_FSRU	m	-0.00794224	1.0283	-3.90029	3.24071
yREF_FSRU	m	-7.92285	1.22035	-11.3224	-4.25982
zREF_FSRU	m	-9.35656	0.0788289	-9.62534	-9.09922
ROLL_FSRU	rad	-0.000870006	0.00649588	-0.0251986	0.0235009
PITCH_FSRU	rad	3.61418E-06	0.00200077	-0.00715059	0.0069579
YAW_FSRU	rad	-0.0159152	0.0139293	-0.0566984	0.0446649
WaveHeight-COG	m	-0.000709552	0.675084	-2.71166	2.50882
windSpeed	ms-1	20.6956	2.23715	14.3523	27.0429
FairleadTension1	kN	780.366	233.08	267.787	1805.53
FairleadTension2	kN	855.592	252.632	278.756	1896.48
FairleadTension3	kN	635.312	224.989	116.233	1674.3
FairleadTension4	kN	598.781	208.832	117.686	1552.27
FairleadTension5	kN	170.57	73.7904	53.8101	794.604
FairleadTension6	kN	162.117	72.5075	52.1003	802.057
FairleadTension7	kN	142.694	42.9278	60.8607	444.808
FairleadTension8	kN	153.519	45.4847	64.6034	463.225
AnchorTension1	kN	762.823	235.205	242.838	1793.12
AnchorTension2	kN	838.682	254.682	253.966	1884.28
AnchorTension3	kN	617.68	227.258	94.5147	1662.5
AnchorTension4	kN	580.785	211.06	95.9579	1540.14
AnchorTension5	kN	145.276	74.2	28.8574	777.51
AnchorTension6	kN	136.801	72.8841	27.1476	785.036
AnchorTension7	kN	111.936	43.129	30.7193	420.723
AnchorTension8	kN	122.794	45.7574	34.4617	439.562
xManExc	m	-3.78056	1.10266	-7.94396	0.159858
yManExc	m	-8.38998	1.25368	-12.1605	-5.15287
zManExc	m	-13.1238	0.148047	-13.7262	-12.5462
xFairLeadML6	m	-3.96336	1.04906	-7.91604	-0.553435
yFairLeadML6	m	-10.0498	2.12557	-16.6609	-2.63321
zFairLeadML6	m	-13.1151	0.326518	-14.2629	-11.9384
xFairLeadML10	m	-3.6994	1.13091	-8.02185	0.55949
yFairLeadML10	m	-6.58884	1.76313	-12.5877	-0.0117249
zFairLeadML10	m	-13.1261	0.167101	-13.7152	-12.5434

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name	units	mean	std	min	max
xCOG_FSRU	m	3.46452	1.14887	-1.38312	7.25821
yCOG_FSRU	m	-7.86892	1.37101	-12.0087	-4.33361
zCOG_FSRU	m	9.19023	0.0983087	8.85965	9.51299
xREF_FSRU	m	-0.0252631	1.14722	-4.8339	3.68873
yREF_FSRU	m	-7.88985	1.36814	-12.041	-4.32885
zREF_FSRU	m	-10.8093	0.0930652	-11.1195	-10.4994
ROLL_FSRU	rad	-0.00392485	0.00429201	-0.0183723	0.0108181
PITCH_FSRU	rad	1.00155E-05	0.00209344	-0.00742611	0.00740016
YAW_FSRU	rad	-0.0164988	0.0131715	-0.0564851	0.0324772
WaveHeight-COG	m	-0.000542477	0.70019	-2.81469	2.59293
windSpeed	ms-1	21.4955	2.31485	14.9073	28.0836
FairleadTension1	kN	825.104	279.193	149.188	2041.13
FairleadTension2	kN	903.774	299.258	160.646	2138.59
FairleadTension3	kN	664.246	267.203	78.6268	1944.65
FairleadTension4	kN	626.472	250.778	74.2091	1821.27
FairleadTension5	kN	164.002	80.2598	47.3027	749.1
FairleadTension6	kN	155.313	77.8435	45.8994	732.296
FairleadTension7	kN	134.394	47.1371	61.3552	551.883
FairleadTension8	kN	145.282	50.855	64.5728	594.208
AnchorTension1	kN	808.732	281.433	126.449	2030.23
AnchorTension2	kN	887.991	301.437	137.476	2127.87
AnchorTension3	kN	647.904	269.435	58.508	1934.15
AnchorTension4	kN	609.806	252.962	54.0901	1810.55
AnchorTension5	kN	140.469	80.6915	23.4744	732.323
AnchorTension6	kN	131.761	78.2333	21.9736	715.362
AnchorTension7	kN	105.395	47.356	32.9994	530.534
AnchorTension8	kN	116.315	51.1578	36.2149	573.516
xManExc	m	-3.20696	1.17946	-8.2372	0.888943
yManExc	m	-8.27955	1.40514	-12.8061	-4.42345
zManExc	m	-20.0844	0.16672	-20.6852	-19.5345
xFairLeadML6	m	-3.39655	1.15281	-8.28124	0.465035
yFairLeadML6	m	-10.0518	2.14895	-15.801	-1.22421
zFairLeadML6	m	-20.0459	0.355688	-21.272	-18.8149
xFairLeadML10	m	-3.12487	1.1947	-8.16517	0.983824
yFairLeadML10	m	-6.46367	1.82308	-11.9015	-0.348135
zFairLeadML10	m	-20.0967	0.15364	-20.6574	-19.5007

ballasted_150degN_RP100yr

name	units	mean	std	min	max
xCOG_FSRU	m	4.05905	1.09339	0.492841	7.64566
yCOG_FSRU	m	-8.49108	1.28321	-12.054	-4.5738
zCOG_FSRU	m	3.74305	0.0916527	3.433	4.06067
xREF_FSRU	m	-0.00709077	1.09307	-3.60863	3.51853
yREF_FSRU	m	-8.43656	1.29712	-12.0895	-4.25427
zREF_FSRU	m	-9.35658	0.0849107	-9.64089	-9.06647
ROLL_FSRU	rad	-0.000935108	0.00688064	-0.0265123	0.0240256
PITCH_FSRU	rad	5.40003E-06	0.00220791	-0.00794919	0.00800481
YAW_FSRU	rad	-0.01642	0.0168195	-0.0555872	0.026799
WaveHeight-COG	m	-0.000457221	0.700468	-2.81319	2.60887
windSpeed	ms-1	21.4955	2.31485	14.9073	28.0836
FairleadTension1	kN	826.141	248.355	212.523	1870.85
FairleadTension2	kN	908.656	268.816	223.521	2018.5
FairleadTension3	kN	671.851	239.789	103.143	1729.18
FairleadTension4	kN	630.574	221.657	103.105	1595.55
FairleadTension5	kN	168.884	81.0588	59.9377	680.708
FairleadTension6	kN	160.603	79.5966	57.1827	676.064
FairleadTension7	kN	138.337	43.7085	61.6682	341.814
FairleadTension8	kN	149.122	46.5797	64.6068	358.847
AnchorTension1	kN	808.987	250.45	187.178	1858.58
AnchorTension2	kN	892.14	270.832	198.176	2006.54
AnchorTension3	kN	654.584	242.055	81.3995	1717.32
AnchorTension4	kN	612.92	223.875	81.3613	1583.34
AnchorTension5	kN	143.639	81.5071	35.0705	662.749
AnchorTension6	kN	135.33	79.9961	32.6486	658.054
AnchorTension7	kN	107.567	43.8299	31.9933	314.693
AnchorTension8	kN	118.388	46.7809	34.9321	332.255
xManExc	m	-3.77171	1.21649	-7.22266	0.0957284
yManExc	m	-8.91821	1.3105	-12.8823	-4.60136
zManExc	m	-13.1252	0.15847	-13.699	-12.5723
xFairLeadML6	m	-3.9651	1.12978	-7.48759	-0.293006
yFairLeadML6	m	-10.6308	2.39413	-17.6703	-3.23906
zFairLeadML6	m	-13.116	0.357508	-14.391	-11.821
xFairLeadML10	m	-3.68279	1.2619	-7.184	0.149976
yFairLeadML10	m	-7.06084	2.06733	-12.4416	-1.19456
zFairLeadML10	m	-13.1274	0.184103	-13.7555	-12.534

loaded_180degN_RP50yr

name	units	mean	std	min	max
xCOG_FSRU	m	2.95588	0.990414	0.611744	5.42585
yCOG_FSRU	m	1.42412	1.13083	-1.36388	4.3404
zCOG_FSRU	m	9.1905	0.0699894	8.94292	9.44612
xREF_FSRU	m	-0.532795	0.989422	-2.86623	1.93642
yREF_FSRU	m	1.41367	1.14293	-1.42589	4.4512
zREF_FSRU	m	-10.8094	0.0659428	-11.0441	-10.5677
ROLL_FSRU	rad	-9.90676E-05	0.00124863	-0.00467166	0.00586616
PITCH_FSRU	rad	2.48193E-05	0.00161676	-0.00541628	0.00565476
YAW_FSRU	rad	0.00242934	0.0233394	-0.0491247	0.0538091
WaveHeight-COG	m	-0.000285632	0.699261	-2.81213	2.79061
windSpeed	ms-1	18.5957	2.03056	12.9015	24.3022
FairleadTension1	kN	308.654	129.777	83.115	881.188
FairleadTension2	kN	304.447	134.748	78.9859	913.067
FairleadTension3	kN	238.373	150.877	46.7643	1030.86
FairleadTension4	kN	236.774	142.255	49.3928	964.464
FairleadTension5	kN	304.564	142.861	74.6232	947.652
FairleadTension6	kN	312.235	155.737	71.3337	1038.92
FairleadTension7	kN	415.148	147.345	132.89	1137.37
FairleadTension8	kN	407	136.175	137.895	1073.9
AnchorTension1	kN	286.241	131.371	59.6442	865.697
AnchorTension2	kN	282.017	136.367	55.5172	897.805
AnchorTension3	kN	218.439	151.789	26.3312	1017.6
AnchorTension4	kN	216.795	143.081	28.9741	950.833
AnchorTension5	kN	282.168	144.568	51.4742	932.581
AnchorTension6	kN	289.966	157.601	48.1844	1024.39
AnchorTension7	kN	390.878	150.207	104.086	1121.26
AnchorTension8	kN	382.594	138.924	109.095	1057.42
xManExc	m	-4.07522	1.07306	-6.98752	-0.873609
yManExc	m	1.48626	1.20441	-1.31167	5.17057
zManExc	m	-20.0121	0.109949	-20.3905	-19.6404
xFairLeadML6	m	-4.08011	1.00611	-6.65499	-1.41398
yFairLeadML6	m	1.73879	3.08017	-6.12329	10.0356
zFairLeadML6	m	-20.0136	0.269215	-20.9235	-19.1222
xFairLeadML10	m	-4.05269	1.1039	-7.02545	-0.640193
yFairLeadML10	m	1.20633	2.47487	-4.9803	7.72027
zFairLeadML10	m	-20.0095	0.0934741	-20.3326	-19.6965

ballasted_180degN_RP50yr

name	units	mean	std	min	max
xCOG_FSRU	m	3.52933	0.993094	1.15012	5.94563
yCOG_FSRU	m	1.4189	1.07322	-1.47476	4.55693
zCOG_FSRU	m	3.74346	0.0688196	3.50246	3.99127
xREF_FSRU	m	-0.537104	0.992729	-2.88997	1.89388
yREF_FSRU	m	1.40901	1.09011	-1.49846	4.87405
zREF_FSRU	m	-9.35621	0.0635399	-9.5784	-9.12509
ROLL_FSRU	rad	8.09124E-05	0.00588915	-0.0248293	0.0270459
PITCH_FSRU	rad	2.03905E-05	0.0016889	-0.00551045	0.00571074
YAW_FSRU	rad	0.00269449	0.0200892	-0.0571899	0.0588441
WaveHeight-COG	m	-0.000298799	0.699102	-2.7653	2.84622
windSpeed	ms-1	18.5957	2.03056	12.9015	24.3022
FairleadTension1	kN	304.775	111.256	106.625	869.472
FairleadTension2	kN	300.192	115.002	98.4102	906.871
FairleadTension3	kN	233.244	125.476	54.8268	824.532
FairleadTension4	kN	232.875	119.286	59.3298	779.658
FairleadTension5	kN	298.571	120.913	93.3132	872.942
FairleadTension6	kN	304.46	130.937	88.6261	947.726
FairleadTension7	kN	406.217	128.922	184.051	1032.35
FairleadTension8	kN	398.988	120.25	186.708	966.472
AnchorTension1	kN	280.763	112.941	82.0225	853.297
AnchorTension2	kN	276.14	116.704	73.8069	890.946
AnchorTension3	kN	211.519	126.351	33.0532	809.193
AnchorTension4	kN	211.115	120.085	37.5147	763.958
AnchorTension5	kN	274.531	122.682	68.1271	856.672
AnchorTension6	kN	280.531	132.852	63.4305	932.001
AnchorTension7	kN	380.712	131.82	153.469	1015.22
AnchorTension8	kN	373.351	123.043	156.119	948.9
xManExc	m	-4.66071	1.05867	-7.29897	-2.17114
yManExc	m	1.48516	1.13986	-1.79464	4.48576
zManExc	m	-13.1059	0.12941	-13.5907	-12.6154
xFairLeadML6	m	-4.65555	1.0077	-6.8907	-2.21751
yFairLeadML6	m	1.76767	2.69671	-5.56526	9.51951
zFairLeadML6	m	-13.1085	0.275499	-14.0189	-12.1977
xFairLeadML10	m	-4.64689	1.08169	-7.29922	-2.10785
yFairLeadML10	m	1.17819	2.17356	-4.17813	9.48538
zFairLeadML10	m	-13.103	0.142742	-13.6924	-12.5002

loaded_180degN_RP100yr

name	units	mean	std	min	max
xCOG_FSRU	m	2.94894	1.13704	-0.268273	6.32815
yCOG_FSRU	m	1.61327	1.34357	-1.733	5.09141
zCOG_FSRU	m	9.19055	0.0785963	8.91633	9.46964
xREF_FSRU	m	-0.540232	1.13594	-3.77289	2.81734
yREF_FSRU	m	1.60083	1.34336	-1.73064	5.14011
zREF_FSRU	m	-10.8093	0.0742116	-11.0696	-10.5459
ROLL_FSRU	rad	-0.000144725	0.00122557	-0.00473523	0.0049658
PITCH_FSRU	rad	2.53321E-05	0.00175517	-0.00585537	0.00598222
YAW_FSRU	rad	0.00273648	0.0141733	-0.0390394	0.0440671
WaveHeight-COG	m	-0.000367333	0.724649	-2.91095	2.91679
windSpeed	ms-1	19.2957	2.09985	13.3856	25.2173
FairleadTension1	kN	299.301	127.558	77.6219	871.932
FairleadTension2	kN	293.124	129.012	75.1276	891.701
FairleadTension3	kN	221.646	124.29	49.721	737.76
FairleadTension4	kN	222.976	121.908	51.724	707.729
FairleadTension5	kN	302.921	133.113	75.3028	993.587
FairleadTension6	kN	308.953	139.665	73.2406	1069.72
FairleadTension7	kN	421.973	149.73	169.821	1174.45
FairleadTension8	kN	414.203	142.704	168.594	1103.98
AnchorTension1	kN	276.768	129.098	54.0921	856.323
AnchorTension2	kN	270.542	130.539	51.5974	876.521
AnchorTension3	kN	201.532	124.896	29.6534	722.259
AnchorTension4	kN	202.857	122.495	31.3484	691.949
AnchorTension5	kN	280.46	134.712	52.1307	978.804
AnchorTension6	kN	286.579	141.359	50.0625	1055.37
AnchorTension7	kN	397.815	152.638	141.174	1158.86
AnchorTension8	kN	389.906	145.546	139.935	1087.98
xManExc	m	-4.08337	1.17461	-7.33919	-0.599758
yManExc	m	1.68755	1.38083	-1.96899	4.86865
zManExc	m	-20.0129	0.12134	-20.4226	-19.6046
xFairLeadML6	m	-4.0674	1.14809	-7.29096	-0.645658
yFairLeadML6	m	1.96942	2.23402	-5.03779	8.73496
zFairLeadML6	m	-20.014	0.294424	-20.9993	-19.0442
xFairLeadML10	m	-4.08134	1.18388	-7.35934	-0.625023
yFairLeadML10	m	1.37234	1.86688	-3.94071	7.20076
zFairLeadML10	m	-20.0105	0.0991923	-20.3451	-19.6822

ballasted_180degN_RP100yr

name	units	mean	std	min	max
xCOG_FSRU	m	3.50982	1.16688	0.259016	6.82466
yCOG_FSRU	m	1.63861	1.47204	-2.00756	6.34449
zCOG_FSRU	m	3.74349	0.0765333	3.47624	4.01019
xREF_FSRU	m	-0.557044	1.16638	-3.81921	2.75917
yREF_FSRU	m	1.62741	1.48045	-2.10205	6.5816
zREF_FSRU	m	-9.35606	0.0708155	-9.60272	-9.10975
ROLL_FSRU	rad	9.44023E-05	0.00723907	-0.0279782	0.0297217
PITCH_FSRU	rad	2.17453E-05	0.0018286	-0.00633128	0.00597528
YAW_FSRU	rad	0.00306022	0.0140039	-0.0415489	0.0466885
WaveHeight-COG	m	-0.000348589	0.724635	-2.90736	2.88725
windSpeed	ms-1	19.2957	2.09985	13.3856	25.2173
FairleadTension1	kN	299.792	117.49	101.212	854.017
FairleadTension2	kN	294.106	118.523	95.2509	870.519
FairleadTension3	kN	224.124	117.834	53.5588	689.374
FairleadTension4	kN	225.255	115.274	56.5287	658.226
FairleadTension5	kN	301.874	124.551	84.6612	852.441
FairleadTension6	kN	307.401	131.375	82.4085	944.615
FairleadTension7	kN	419.784	143.715	131.645	983.384
FairleadTension8	kN	412.085	136.353	135.079	934.429
AnchorTension1	kN	275.767	119.226	76.2932	837.333
AnchorTension2	kN	270.014	120.236	70.4135	853.94
AnchorTension3	kN	202.323	118.573	31.537	672.796
AnchorTension4	kN	203.445	115.984	34.507	641.309
AnchorTension5	kN	277.9	126.359	59.3259	836.107
AnchorTension6	kN	283.515	133.288	57.0593	928.975
AnchorTension7	kN	394.531	146.77	101.186	965.91
AnchorTension8	kN	386.687	139.345	104.633	916.606
xManExc	m	-4.68438	1.20369	-7.91598	-1.20999
yManExc	m	1.71617	1.50122	-2.57104	6.88656
zManExc	m	-13.1058	0.149202	-13.7326	-12.4884
xFairLeadML6	m	-4.66498	1.17777	-7.86859	-1.26352
yFairLeadML6	m	2.03586	2.27434	-6.02313	9.49391
zFairLeadML6	m	-13.1085	0.299056	-14.1096	-12.0451
xFairLeadML10	m	-4.68355	1.21302	-7.97531	-1.18681
yFairLeadML10	m	1.36798	1.97032	-4.4132	8.73091
zFairLeadML10	m	-13.1025	0.169553	-13.7631	-12.4538

loaded_210degN_RP50yr

name	units	mean	std	min	max
xCOG_FSRU	m	3.34635	1.0603	-0.0113453	6.0189
yCOG_FSRU	m	9.12833	1.43089	4.37063	13.1956
zCOG_FSRU	m	9.19047	0.0733817	8.93579	9.45396
xREF_FSRU	m	-0.142289	1.05967	-3.55247	2.59525
yREF_FSRU	m	9.13383	1.44687	4.24741	13.1861
zREF_FSRU	m	-10.8093	0.0691903	-11.0509	-10.5601
ROLL_FSRU	rad	0.00279022	0.00340218	-0.00782233	0.013209
PITCH_FSRU	rad	7.05548E-06	0.00167552	-0.00559968	0.00574252
YAW_FSRU	rad	0.0144168	0.0266737	-0.044651	0.0744532
WaveHeight-COG	m	-0.000309339	0.724003	-2.77778	2.88283
windSpeed	ms-1	18.7957	2.0504	13.041	24.5638
FairleadTension1	kN	116.875	69.1674	40.9194	452.887
FairleadTension2	kN	106.975	65.0271	38.2849	435.942
FairleadTension3	kN	144.502	123.88	29.4766	714.291
FairleadTension4	kN	151.157	123.428	31.1011	701.87
FairleadTension5	kN	623.653	158.059	242.37	1266.71
FairleadTension6	kN	672.597	185.892	228.165	1375.72
FairleadTension7	kN	891.968	184.743	433.644	1599.82
FairleadTension8	kN	808.483	163.759	413.626	1524.68
AnchorTension1	kN	93.27	69.3344	18.3324	432.538
AnchorTension2	kN	83.3547	65.1518	15.4994	415.295
AnchorTension3	kN	124.252	124.351	9.21629	698.797
AnchorTension4	kN	130.91	123.892	10.8409	686.235
AnchorTension5	kN	605.571	159.864	218.889	1253.18
AnchorTension6	kN	655	187.823	204.684	1362.62
AnchorTension7	kN	874.458	186.176	410.508	1586.14
AnchorTension8	kN	790.277	165.214	389.997	1510.76
xManExc	m	-3.91591	0.707521	-6.58068	-2.05187
yManExc	m	9.48137	1.43489	5.13312	13.5143
zManExc	m	-19.9571	0.129071	-20.4446	-19.5304
xFairLeadML6	m	-3.82058	0.848567	-6.84958	-1.72738
yFairLeadML6	m	11.0255	3.42043	1.18817	19.8205
zFairLeadML6	m	-19.9856	0.281259	-20.9362	-19.0325
xFairLeadML10	m	-3.91478	0.676644	-6.52589	-2.12216
yFairLeadML10	m	7.88181	3.01678	-0.64208	15.7594
zFairLeadML10	m	-19.9464	0.117931	-20.3627	-19.5377

ballasted_210degN_RP50yr

name	units	mean	std	min	max
xCOG_FSRU	m	3.88597	1.30834	-0.206185	7.57822
yCOG_FSRU	m	9.52886	1.54304	5.26749	13.7986
zCOG_FSRU	m	3.74326	0.0722859	3.49414	3.99682
xREF_FSRU	m	-0.178662	1.3091	-4.30307	3.54399
yREF_FSRU	m	9.48436	1.59283	4.93186	14.1236
zREF_FSRU	m	-9.35635	0.0667863	-9.58566	-9.11755
ROLL_FSRU	rad	0.000856548	0.00731837	-0.0297013	0.0329914
PITCH_FSRU	rad	3.14694E-06	0.00175335	-0.00569833	0.00593126
YAW_FSRU	rad	0.0137069	0.0330008	-0.0625705	0.0875722
WaveHeight-COG	m	-0.000310239	0.724096	-2.73713	2.89367
windSpeed	ms-1	18.7957	2.0504	13.041	24.5638
FairleadTension1	kN	133.473	87.835	39.8544	553.099
FairleadTension2	kN	123.208	83.7486	37.6016	539.438
FairleadTension3	kN	164.004	153.94	29.919	979.864
FairleadTension4	kN	169.604	151.503	31.2725	953.209
FairleadTension5	kN	632.859	180.521	237.076	1321.55
FairleadTension6	kN	685.734	214.01	233.737	1493.61
FairleadTension7	kN	903.902	213.524	438.826	1658.91
FairleadTension8	kN	819.57	190.195	409.226	1599.79
AnchorTension1	kN	108.224	88.3479	15.0743	533.162
AnchorTension2	kN	97.9239	84.1854	12.822	519.297
AnchorTension3	kN	142.227	154.95	8.09535	965.431
AnchorTension4	kN	147.828	152.49	9.44365	938.617
AnchorTension5	kN	613.843	182.652	211.729	1307.63
AnchorTension6	kN	667.23	216.307	208.633	1480.31
AnchorTension7	kN	885.608	215.188	414.986	1644.75
AnchorTension8	kN	800.568	191.9	384.71	1585.45
xManExc	m	-4.52368	0.869911	-7.65861	-1.92525
yManExc	m	9.86658	1.52097	6.15589	14.4497
zManExc	m	-13.0912	0.147753	-13.649	-12.527
xFairLeadML6	m	-4.45325	1.05128	-8.10808	-1.48795
yFairLeadML6	m	11.3061	4.08069	0.578364	22.131
zFairLeadML6	m	-13.0996	0.286589	-14.0614	-12.1786
xFairLeadML10	m	-4.49888	0.828432	-7.51104	-1.90046
yFairLeadML10	m	8.31478	3.68232	-0.780094	16.5505
zFairLeadML10	m	-13.0873	0.168161	-13.7986	-12.3201

loaded_210degN_RP100yr

name	units	mean	std	min	max
xCOG_FSRU	m	3.2679	1.3928	-1.17988	7.32903
yCOG_FSRU	m	9.80359	1.64875	5.15192	13.857
zCOG_FSRU	m	9.1903	0.0837448	8.89668	9.48289
xREF_FSRU	m	-0.220256	1.39146	-4.60021	3.76146
yREF_FSRU	m	9.81396	1.67498	4.93143	13.958
zREF_FSRU	m	-10.8094	0.0791354	-11.088	-10.5329
ROLL_FSRU	rad	0.00288186	0.00378354	-0.00875414	0.0144552
PITCH_FSRU	rad	8.20759E-06	0.00183787	-0.00607334	0.00611474
YAW_FSRU	rad	0.013546	0.0339166	-0.08297	0.102475
WaveHeight-COG	m	-0.000179579	0.747259	-2.86241	3.03019
windSpeed	ms-1	19.5956	2.12941	13.5923	25.609
FairleadTension1	kN	126.778	96.8822	32.2922	796.889
FairleadTension2	kN	116.163	91.6712	30.5667	769.086
FairleadTension3	kN	159.671	166.924	24.9116	1117.64
FairleadTension4	kN	165.315	164.969	24.9872	1107.58
FairleadTension5	kN	679.774	219.505	196.452	1498.35
FairleadTension6	kN	738.538	255.825	191.716	1706.23
FairleadTension7	kN	976.679	254.729	391.288	1783.78
FairleadTension8	kN	885.415	229.917	359.394	1667.19
AnchorTension1	kN	103.266	97.4293	9.68276	780.355
AnchorTension2	kN	92.6254	92.1645	7.95725	752.312
AnchorTension3	kN	139.588	167.792	5.17235	1104.86
AnchorTension4	kN	145.237	165.822	5.2477	1094.36
AnchorTension5	kN	662.126	221.742	173.225	1485.76
AnchorTension6	kN	721.386	258.185	168.473	1694.16
AnchorTension7	kN	959.651	256.492	367.076	1770.28
AnchorTension8	kN	867.715	231.745	334.339	1653.36
xManExc	m	-3.98338	0.976796	-7.05324	-1.19176
yManExc	m	10.1278	1.62447	6.23018	14.0791
zManExc	m	-19.9556	0.144469	-20.4637	-19.4431
xFairLeadML6	m	-3.91846	1.14427	-7.83895	-0.903697
yFairLeadML6	m	11.5852	4.22773	0.809503	22.5008
zFairLeadML6	m	-19.9851	0.311238	-21.0259	-18.9551
xFairLeadML10	m	-3.95571	0.938749	-6.94125	-1.26344
yFairLeadML10	m	8.62882	3.79649	-0.410096	19.4482
zFairLeadML10	m	-19.9444	0.12881	-20.3658	-19.542

ballasted_210degN_RP100yr

name	units	mean	std	min	max
xCOG_FSRU	m	3.83047	1.57858	-0.934482	7.88545
yCOG_FSRU	m	10.2246	1.60461	5.39648	14.4453
zCOG_FSRU	m	3.74308	0.0814262	3.45676	4.02247
xREF_FSRU	m	-0.23336	1.57935	-5.01669	3.85662
yREF_FSRU	m	10.1828	1.67507	5.06156	14.6516
zREF_FSRU	m	-9.3563	0.0753753	-9.62034	-9.09746
ROLL_FSRU	rad	0.000915366	0.00932868	-0.0325432	0.0346563
PITCH_FSRU	rad	3.98348E-06	0.00192073	-0.00687098	0.00635203
YAW_FSRU	rad	0.0132395	0.0388896	-0.0803269	0.101637
WaveHeight-COG	m	-0.00010196	0.747038	-2.81219	3.10447
windSpeed	ms-1	19.5956	2.12941	13.5923	25.609
FairleadTension1	kN	140.044	106.678	37.1207	756.897
FairleadTension2	kN	129.187	101.218	34.9889	726.309
FairleadTension3	kN	177.166	183.679	27.191	1143.73
FairleadTension4	kN	182.113	180.804	27.7386	1096.35
FairleadTension5	kN	685.088	216.764	191.57	1514.89
FairleadTension6	kN	747.08	256.819	188.571	1684.99
FairleadTension7	kN	985.215	255.474	420.696	1981.06
FairleadTension8	kN	892.424	231.165	396.354	1752.99
AnchorTension1	kN	114.878	107.45	12.305	739.496
AnchorTension2	kN	103.972	101.902	10.179	708.658
AnchorTension3	kN	155.556	184.978	5.27996	1130.16
AnchorTension4	kN	160.507	182.08	5.81617	1082.58
AnchorTension5	kN	666.566	219.093	166.76	1501.54
AnchorTension6	kN	729.087	259.296	163.321	1672.15
AnchorTension7	kN	967.447	257.296	396.36	1966.97
AnchorTension8	kN	873.962	233.068	371.421	1738.37
xManExc	m	-4.57571	1.06403	-7.97342	-1.66018
yManExc	m	10.5445	1.5515	6.78355	14.825
zManExc	m	-13.0906	0.178659	-13.8427	-12.3956
xFairLeadML6	m	-4.53132	1.27773	-8.76881	-1.2666
yFairLeadML6	m	11.9385	4.69162	0.866914	23.4015
zFairLeadML6	m	-13.0993	0.314961	-14.1808	-11.9613
xFairLeadML10	m	-4.52584	1.01433	-7.73264	-1.68022
yFairLeadML10	m	9.04664	4.28396	-1.54916	20.3901
zFairLeadML10	m	-13.0861	0.211044	-13.8411	-12.3303

loaded_240degN_RP50yr

name	units	mean	std	min	max
xCOG_FSRU	m	3.74289	1.34293	0.742751	6.69255
yCOG_FSRU	m	15.7362	1.25987	12.6673	18.9583
zCOG_FSRU	m	9.18984	0.0703509	8.94356	9.4141
xREF_FSRU	m	0.253494	1.34095	-2.70967	3.18272
yREF_FSRU	m	15.7944	1.27755	12.4971	19.2019
zREF_FSRU	m	-10.8092	0.0666332	-11.0449	-10.5921
ROLL_FSRU	rad	0.00604772	0.00754549	-0.0129967	0.0246662
PITCH_FSRU	rad	5.74794E-07	0.00147436	-0.00532222	0.00506484
YAW_FSRU	rad	0.0179835	0.028948	-0.0384087	0.07414
WaveHeight-COG	m	-0.000227069	0.548955	-2.10529	2.27217
windSpeed	ms-1	20.4956	2.21764	14.2139	26.7825
FairleadTension1	kN	63.8887	27.7226	32.0267	205.819
FairleadTension2	kN	57.498	23.6191	30.1047	183.294
FairleadTension3	kN	88.6044	74.6645	26.4385	403.295
FairleadTension4	kN	98.4563	82.6482	27.9854	425.73
FairleadTension5	kN	1223.29	183.941	722.154	1887.89
FairleadTension6	kN	1346.73	206.609	746.69	2084.93
FairleadTension7	kN	1504.87	195.859	958.901	2141.94
FairleadTension8	kN	1331.86	185.332	829.132	1933.8
AnchorTension1	kN	40.195	27.7044	9.03023	181.927
AnchorTension2	kN	33.804	23.6003	7.10818	159.401
AnchorTension3	kN	68.1592	74.6786	6.36817	383.987
AnchorTension4	kN	78.0193	82.6862	7.84914	406.777
AnchorTension5	kN	1209.69	184.744	705.449	1876.48
AnchorTension6	kN	1333.62	207.393	730.219	2073.92
AnchorTension7	kN	1490.67	196.53	942.114	2129.35
AnchorTension8	kN	1316.99	186.101	811.359	1920.9
xManExc	m	-3.58933	0.855157	-5.84748	-1.45099
yManExc	m	16.147	1.31165	12.1243	19.4245
zManExc	m	-19.8964	0.175641	-20.4358	-19.333
xFairLeadML6	m	-3.47187	1.05068	-6.04754	-1.09149
yFairLeadML6	m	18.117	3.66587	8.48367	26.9718
zFairLeadML6	m	-19.9561	0.25979	-20.8412	-19.0236
xFairLeadML10	m	-3.5879	0.817969	-5.7543	-1.48539
yFairLeadML10	m	14.1954	3.09492	6.96955	21.2049
zFairLeadML10	m	-19.8744	0.185555	-20.4658	-19.3298

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name	units	mean	std	min	max
xCOG_FSRU	m	4.49099	0.674815	2.38612	6.43051
yCOG_FSRU	m	16.2341	1.98652	11.8653	20.2694
zCOG_FSRU	m	3.74285	0.0668166	3.51268	3.95705
xREF_FSRU	m	0.424861	0.675364	-1.65125	2.39166
yREF_FSRU	m	16.1722	1.98821	11.551	20.5264
zREF_FSRU	m	-9.35662	0.0618614	-9.57048	-9.15499
ROLL_FSRU	rad	0.00173292	0.00892884	-0.0286273	0.0308845
PITCH_FSRU	rad	-5.46611E-06	0.00156011	-0.00559516	0.00546034
YAW_FSRU	rad	0.0208116	0.0138185	-0.0168642	0.0574839
WaveHeight-COG	m	-0.000142617	0.549012	-2.10554	2.2512
windSpeed	ms-1	20.4956	2.21764	14.2139	26.7825
FairleadTension1	kN	59.8842	12.386	38.0557	130.102
FairleadTension2	kN	54.5762	10.8068	35.6045	114.974
FairleadTension3	kN	71.0834	26.728	34.4503	209.139
FairleadTension4	kN	79.0102	30.2218	37.1479	231.697
FairleadTension5	kN	1216.94	215.777	752.653	1800.61
FairleadTension6	kN	1338.45	238.873	815.223	2002.68
FairleadTension7	kN	1486.59	236.377	955.611	2158.03
FairleadTension8	kN	1307.43	210.207	858.29	1936.92
AnchorTension1	kN	34.4416	12.3472	13.1859	104.256
AnchorTension2	kN	29.1333	10.7678	10.7343	89.131
AnchorTension3	kN	48.8835	26.7133	12.8275	186.88
AnchorTension4	kN	56.8107	30.2071	15.5237	209.287
AnchorTension5	kN	1202.47	216.763	735.432	1788.17
AnchorTension6	kN	1324.49	239.817	798.645	1990.68
AnchorTension7	kN	1471.55	237.23	938.086	2144.77
AnchorTension8	kN	1291.67	211.136	840.012	1923.23
xManExc	m	-4.04406	0.466728	-5.65599	-2.39136
yManExc	m	16.7517	2.03704	12.4694	21.0923
zManExc	m	-13.075	0.163777	-13.6846	-12.5255
xFairLeadML6	m	-3.86895	0.543728	-5.64084	-2.11951
yFairLeadML6	m	18.939	2.71436	11.6803	25.8061
zFairLeadML6	m	-13.0911	0.256412	-13.9965	-12.1716
xFairLeadML10	m	-4.08164	0.453945	-5.65479	-2.46678
yFairLeadML10	m	14.4043	2.30034	8.34208	20.4979
zFairLeadML10	m	-13.0689	0.199075	-13.7464	-12.389

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name	units	mean	std	min	max
xCOG_FSRU	m	3.74671	1.48719	-0.219803	7.21046
yCOG_FSRU	m	16.7855	1.49282	12.4757	20.4975
zCOG_FSRU	m	9.18972	0.0782701	8.92165	9.44762
xREF_FSRU	m	0.257413	1.48475	-3.66753	3.71492
yREF_FSRU	m	16.8496	1.50625	12.4423	20.6761
zREF_FSRU	m	-10.8091	0.074033	-11.0622	-10.561
ROLL_FSRU	rad	0.00642742	0.00837536	-0.0138995	0.0262484
PITCH_FSRU	rad	1.1055E-06	0.00165823	-0.00582759	0.00580589
YAW_FSRU	rad	0.018464	0.0322167	-0.059393	0.0960177
WaveHeight-COG	m	-0.000330779	0.575395	-2.13851	2.37816
windSpeed	ms-1	21.3955	2.30517	14.8379	27.9536
FairleadTension1	kN	63.2517	35.7393	30.1628	332.975
FairleadTension2	kN	56.7726	30.3839	28.5866	303.272
FairleadTension3	kN	89.0721	91.5277	25.0667	600.979
FairleadTension4	kN	98.5817	98.8675	25.1357	627.828
FairleadTension5	kN	1328.04	194.19	695.506	2014.06
FairleadTension6	kN	1463.6	219.664	722.603	2190.14
FairleadTension7	kN	1633.86	209.329	841.053	2306.71
FairleadTension8	kN	1446.45	197.813	732.029	2077.2
AnchorTension1	kN	39.5549	35.7306	6.94019	310.139
AnchorTension2	kN	33.0748	30.3698	5.36699	279.834
AnchorTension3	kN	68.675	91.7608	5.13104	584.359
AnchorTension4	kN	78.202	99.1485	5.19999	611.498
AnchorTension5	kN	1314.87	194.945	678.691	2002.82
AnchorTension6	kN	1450.9	220.403	706.048	2179.22
AnchorTension7	kN	1620.07	209.965	823.612	2294.5
AnchorTension8	kN	1432.03	198.537	713.589	2064.32
xManExc	m	-3.59737	0.917775	-6.4392	-1.12501
yManExc	m	17.2029	1.56728	12.6379	21.5915
zManExc	m	-19.8895	0.194954	-20.4883	-19.1812
xFairLeadML6	m	-3.48664	1.15351	-6.91372	-0.749418
yFairLeadML6	m	19.2301	4.14617	8.53173	29.671
zFairLeadML6	m	-19.9529	0.290872	-20.932	-18.8329
xFairLeadML10	m	-3.58541	0.86971	-6.26422	-1.16521
yFairLeadML10	m	15.2027	3.45364	6.99214	23.6901
zFairLeadML10	m	-19.8659	0.207813	-20.5384	-19.2302

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name	units	mean	std	min	max
xCOG_FSRU	m	4.3701	1.4127	0.540168	7.86497
yCOG_FSRU	m	17.238	2.468	11.8803	22.1813
zCOG_FSRU	m	3.74255	0.0735632	3.49492	3.9902
xREF_FSRU	m	0.305332	1.41402	-3.49827	3.76787
yREF_FSRU	m	17.1845	2.48414	11.6389	22.4278
zREF_FSRU	m	-9.35673	0.0679765	-9.58033	-9.12626
ROLL_FSRU	rad	0.00183529	0.0103165	-0.031282	0.0351811
PITCH_FSRU	rad	-5.69104E-06	0.0017696	-0.0066489	0.0065544
YAW_FSRU	rad	0.0190792	0.030485	-0.0579666	0.0945649
WaveHeight-COG	m	-0.000233542	0.575435	-2.22849	2.36996
windSpeed	ms-1	21.3955	2.30517	14.8379	27.9536
FairleadTension1	kN	67.0982	34.5362	32.6693	284.867
FairleadTension2	kN	60.618	29.9439	30.8777	260.14
FairleadTension3	kN	89.9906	83.3303	26.6597	660.276
FairleadTension4	kN	99.1486	89.4716	27.0915	679.757
FairleadTension5	kN	1323.38	270.78	700.07	2019.13
FairleadTension6	kN	1460.19	303.323	745.435	2246.93
FairleadTension7	kN	1627.7	295.265	885.802	2468.18
FairleadTension8	kN	1437.08	267.202	789.632	2312.26
AnchorTension1	kN	41.6559	34.5227	8.08384	259.333
AnchorTension2	kN	35.1747	29.9261	6.23395	234.147
AnchorTension3	kN	67.8475	83.5726	5.17674	643.326
AnchorTension4	kN	77.022	89.7555	5.27247	662.821
AnchorTension5	kN	1309.31	271.889	682.288	2007.24
AnchorTension6	kN	1446.62	304.4	728.235	2235.41
AnchorTension7	kN	1613.09	296.182	867.852	2455.19
AnchorTension8	kN	1421.81	268.215	770.815	2299.07
xManExc	m	-4.14101	0.866724	-6.94953	-1.79818
yManExc	m	17.7007	2.53689	12.3893	23.4503
zManExc	m	-13.0736	0.188051	-13.7082	-12.457
xFairLeadML6	m	-4.01796	1.0921	-7.34986	-1.39277
yFairLeadML6	m	19.7132	4.4828	8.28265	31.2093
zFairLeadML6	m	-13.0904	0.288436	-14.1491	-12.0185
xFairLeadML10	m	-4.13428	0.825342	-6.65651	-1.77424
yFairLeadML10	m	15.5523	3.7968	5.87051	24.8275
zFairLeadML10	m	-13.0669	0.233224	-13.818	-12.2895

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name	units	mean	std	min	max
xCOG_FSRU	m	2.68876	0.669133	0.86661	4.91944
yCOG_FSRU	m	-8.47064	3.02414	-13.338	-3.39398
zCOG_FSRU	m	9.18662	0.0608164	8.95115	9.41627
xREF_FSRU	m	-0.795975	0.667632	-2.61043	1.41016
yREF_FSRU	m	-8.69481	2.97383	-13.6298	-3.76237
zREF_FSRU	m	-10.812	0.0568177	-11.0321	-10.5982
ROLL_FSRU	rad	-0.00734345	0.0085215	-0.0281278	0.0124163
PITCH_FSRU	rad	1.94007E-05	0.00169635	-0.00639531	0.00602264
YAW_FSRU	rad	0.0221759	0.0159939	-0.0194799	0.062623
WaveHeight-COG	m	-0.000106651	0.377134	-1.46887	1.49894
windSpeed	ms-1	22.2955	2.39201	15.4641	29.1224
FairleadTension1	kN	1196.28	507.388	359.353	2604.72
FairleadTension2	kN	1280.23	571.395	376.433	2773.34
FairleadTension3	kN	1609.34	494.577	575.321	3008.95
FairleadTension4	kN	1407.65	439.109	502.605	2606.19
FairleadTension5	kN	77.7215	21.4537	61.351	232.069
FairleadTension6	kN	73.9345	18.7285	61.1195	217.438
FairleadTension7	kN	236.947	148.309	68.5726	1122.09
FairleadTension8	kN	245.142	144.282	69.9499	1088.55
AnchorTension1	kN	1172.8	507.392	336.133	2581.45
AnchorTension2	kN	1256.74	571.402	353.081	2750.02
AnchorTension3	kN	1589.1	494.585	554.836	2988.71
AnchorTension4	kN	1387.4	439.115	482.814	2585.9
AnchorTension5	kN	54.0171	21.4282	38.0614	207.909
AnchorTension6	kN	50.23	18.7036	37.8323	193.254
AnchorTension7	kN	207.863	148.299	39.5831	1092.92
AnchorTension8	kN	216.058	144.271	40.9605	1059.36
xManExc	m	-4.72015	0.94816	-7.14	-1.79292
yManExc	m	-7.79183	3.22453	-13.5182	-2.37645
zManExc	m	-20.1534	0.188625	-20.8071	-19.5319
xFairLeadML6	m	-4.53477	0.832162	-6.70871	-1.95582
yFairLeadML6	m	-5.61686	4.24291	-14.8949	3.29339
zFairLeadML6	m	-20.0809	0.278352	-21.1867	-19.1004
xFairLeadML10	m	-4.75239	0.962755	-7.12449	-1.75233
yFairLeadML10	m	-10.4494	2.82643	-17.7935	-3.79042
zFairLeadML10	m	-20.1758	0.220914	-20.9324	-19.5423
xFairLeadML12	m	-4.52993	0.81364	-6.57435	-1.8746
yFairLeadML12	m	-11.5362	3.00786	-20.4104	-3.73187
zFairLeadML12	m	-20.1072	0.221802	-20.9874	-19.3506

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name	units	mean	std	min	max
xCOG_FSRU	m	3.26275	1.16363	0.487778	6.17173
yCOG_FSRU	m	-9.11555	1.49697	-12.2846	-5.9563
zCOG_FSRU	m	3.73893	0.0552483	3.52675	3.95283
xREF_FSRU	m	-0.801545	1.16158	-3.59591	2.09434
yREF_FSRU	m	-9.2249	1.52318	-12.4644	-5.92711
zREF_FSRU	m	-9.36081	0.0503196	-9.55345	-9.16869
ROLL_FSRU	rad	-0.00188724	0.00523581	-0.0215055	0.0180582
PITCH_FSRU	rad	8.0081E-06	0.00182572	-0.00674367	0.00642101
YAW_FSRU	rad	0.0208198	0.0266103	-0.0438346	0.0789737
WaveHeight-COG	m	-3.12358E-05	0.377238	-1.49676	1.47957
windSpeed	ms-1	22.2955	2.39201	15.4641	29.1224
FairleadTension1	kN	1214.56	302.607	560.725	2131.18
FairleadTension2	kN	1301.17	310.426	609.594	2254.55
FairleadTension3	kN	1615.39	351.482	791.308	2571.06
FairleadTension4	kN	1408.76	285.785	743.881	2159.01
FairleadTension5	kN	97.2494	54.7051	62.5835	462.231
FairleadTension6	kN	92.3143	50.4407	62.3482	452.228
FairleadTension7	kN	236.901	161.036	69.3393	1084.56
FairleadTension8	kN	247.883	163.195	69.8452	1079.54
AnchorTension1	kN	1189.22	302.616	535.103	2105.87
AnchorTension2	kN	1275.84	310.435	583.974	2229.24
AnchorTension3	kN	1593.3	351.499	768.817	2548.04
AnchorTension4	kN	1386.66	285.799	721.802	2135.97
AnchorTension5	kN	71.8119	54.6985	37.7024	436.887
AnchorTension6	kN	66.8766	50.4342	37.4715	426.882
AnchorTension7	kN	206.077	161.038	39.2329	1053.77
AnchorTension8	kN	217.059	163.196	39.7389	1048.75
xManExc	m	-5.28037	1.66653	-9.06716	-1.35214
yManExc	m	-8.53676	1.53047	-11.8467	-4.94521
zManExc	m	-13.1473	0.119371	-13.6088	-12.7368
xFairLeadML6	m	-5.13103	1.46007	-8.62434	-1.75496
yFairLeadML6	m	-6.4084	3.50248	-15.2884	1.61693
zFairLeadML6	m	-13.1289	0.277018	-14.1666	-12.1321
xFairLeadML10	m	-5.28737	1.698	-9.03091	-1.1555
yFairLeadML10	m	-10.9469	3.00348	-17.8356	-3.077
zFairLeadML10	m	-13.1527	0.166897	-13.9444	-12.4236
xFairLeadML12	m	-5.06805	1.43421	-8.24426	-1.46047
yFairLeadML12	m	-11.9563	4.17412	-21.6184	-1.22858
zFairLeadML12	m	-13.1349	0.223365	-14.0757	-12.3123

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name	units	mean	std	min	max
xCOG_FSRU	m	2.61089	0.705007	0.59067	4.83169
yCOG_FSRU	m	-9.04692	3.29249	-14.4678	-3.57427
zCOG_FSRU	m	9.1863	0.0653825	8.92895	9.43754
xREF_FSRU	m	-0.873134	0.704545	-2.90362	1.36077
yREF_FSRU	m	-9.28877	3.24011	-14.7631	-3.67654
zREF_FSRU	m	-10.8121	0.0608192	-11.0522	-10.5823
ROLL_FSRU	rad	-0.00790188	0.00939227	-0.0320651	0.0136676
PITCH_FSRU	rad	0.000020469	0.00199404	-0.0073267	0.00709234
YAW_FSRU	rad	0.0240503	0.0163323	-0.022844	0.0677946
WaveHeight-COG	m	7.06191E-05	0.400578	-1.60138	1.61657
windSpeed	ms-1	23.2954	2.48771	16.1626	30.4262
FairleadTension1	kN	1294.85	569.543	318.188	2747
FairleadTension2	kN	1385.86	638.632	307.899	2872.18
FairleadTension3	kN	1736.69	558.666	623.162	3155.01
FairleadTension4	kN	1516.47	497.6	559.22	2847.32
FairleadTension5	kN	74.4943	20.7864	60.7731	230.877
FairleadTension6	kN	71.3529	18.1527	60.5377	219.414
FairleadTension7	kN	238.451	154.771	67.7613	979.178
FairleadTension8	kN	246.968	150.949	68.2874	961.894
AnchorTension1	kN	1271.38	569.552	294.842	2723.22
AnchorTension2	kN	1362.39	638.644	284.553	2848.41
AnchorTension3	kN	1716.45	558.682	603.202	3135.06
AnchorTension4	kN	1496.23	497.613	539.234	2827.15
AnchorTension5	kN	50.784	20.7596	37.7827	207.193
AnchorTension6	kN	47.6425	18.127	37.5483	195.732
AnchorTension7	kN	209.362	154.759	39.2463	949.929
AnchorTension8	kN	217.879	150.936	39.7871	932.617
xManExc	m	-4.83506	0.981534	-7.3182	-1.92333
yManExc	m	-8.3119	3.49331	-14.5451	-2.31968
zManExc	m	-20.1645	0.208471	-20.9383	-19.535
xFairLeadML6	m	-4.63561	0.868923	-6.96531	-2.04241
yFairLeadML6	m	-5.95183	4.50258	-16.5379	3.84586
zFairLeadML6	m	-20.0863	0.320105	-21.34	-18.921
xFairLeadML10	m	-4.86777	0.993604	-7.362	-1.85371
yFairLeadML10	m	-11.1931	3.08022	-18.9578	-3.28359
zFairLeadML10	m	-20.1885	0.250104	-21.0783	-19.407
xFairLeadML12	m	-4.62563	0.844279	-6.86672	-1.966
yFairLeadML12	m	-12.3713	3.24244	-21.6734	-3.10976
zFairLeadML12	m	-20.1146	0.260876	-21.1889	-19.2628

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name	units	mean	std	min	max
xCOG_FSRU	m	3.03361	0.725707	1.02497	5.24334
yCOG_FSRU	m	-9.65779	1.56487	-12.8586	-6.6399
zCOG_FSRU	m	3.73882	0.0596091	3.51291	3.97265
xREF_FSRU	m	-1.03105	0.726119	-3.09052	1.21559
yREF_FSRU	m	-9.79093	1.5746	-13.1152	-6.54769
zREF_FSRU	m	-9.36088	0.0540876	-9.56315	-9.15174
ROLL_FSRU	rad	-0.00205124	0.00536295	-0.0224055	0.0182404
PITCH_FSRU	rad	1.21389E-05	0.00215054	-0.00774586	0.00768069
YAW_FSRU	rad	0.0261378	0.0142994	-0.0251553	0.0706765
WaveHeight-COG	m	0.00014948	0.400635	-1.59627	1.61868
windSpeed	ms-1	23.2954	2.48771	16.1626	30.4262
FairleadTension1	kN	1299.85	326.889	573.966	2279.8
FairleadTension2	kN	1386.43	348.306	611.473	2423.92
FairleadTension3	kN	1724.33	360.236	712.671	2935.95
FairleadTension4	kN	1492.12	316.265	623.902	2569.82
FairleadTension5	kN	73.8291	16.9198	62.8199	241.182
FairleadTension6	kN	70.9284	14.3486	62.5585	225.69
FairleadTension7	kN	209.629	83.0938	74.4948	667.652
FairleadTension8	kN	221.948	85.5026	79.673	682.322
AnchorTension1	kN	1274.52	326.903	548.987	2254.34
AnchorTension2	kN	1361.1	348.321	586.523	2398.46
AnchorTension3	kN	1702.24	360.259	690.316	2913.21
AnchorTension4	kN	1470.02	316.285	601.543	2547.07
AnchorTension5	kN	48.3881	16.8996	37.9433	215.649
AnchorTension6	kN	45.4872	14.3299	37.6901	200.166
AnchorTension7	kN	178.802	83.0784	44.2855	637.01
AnchorTension8	kN	191.122	85.4872	49.4641	651.632
xManExc	m	-5.6069	0.962725	-8.1812	-2.47452
yManExc	m	-8.93156	1.57003	-12.3678	-5.55369
zManExc	m	-13.1506	0.127532	-13.6282	-12.6318
xFairLeadML6	m	-5.39109	0.869103	-7.75085	-2.72767
yFairLeadML6	m	-6.25635	2.29377	-14.0511	-0.331075
zFairLeadML6	m	-13.131	0.32016	-14.271	-11.9859
xFairLeadML10	m	-5.64675	0.972108	-8.1642	-2.37478
yFairLeadML10	m	-11.9515	2.11307	-17.9023	-5.72522
zFairLeadML10	m	-13.1561	0.191845	-14.0953	-12.3955
xFairLeadML12	m	-5.38459	0.84288	-7.60268	-2.56909
yFairLeadML12	m	-13.221	2.63077	-21.2131	-4.54207
zFairLeadML12	m	-13.1366	0.266432	-14.2388	-12.1955

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name	units	mean	std	min	max
xCOG_FSRU	m	3.23109	0.850419	0.828836	5.63811
yCOG_FSRU	m	-9.13018	3.26227	-14.8663	-3.52269
zCOG_FSRU	m	9.18668	0.0811185	8.87288	9.491
xREF_FSRU	m	-0.256936	0.849283	-2.62297	2.15049
yREF_FSRU	m	-9.29955	3.20283	-14.9001	-3.57476
zREF_FSRU	m	-10.8118	0.0759141	-11.1054	-10.5287
ROLL_FSRU	rad	-0.00795343	0.00879539	-0.0307269	0.012756
PITCH_FSRU	rad	1.66804E-05	0.00220759	-0.00842274	0.00785262
YAW_FSRU	rad	0.00296427	0.0191921	-0.044375	0.0500855
WaveHeight-COG	m	-0.000243445	0.502813	-1.96643	1.99207
windSpeed	ms-1	21.0955	2.27607	14.6296	27.5635
FairleadTension1	kN	1359.4	555.164	350.06	2799.28
FairleadTension2	kN	1499.1	635.941	343.934	3099.88
FairleadTension3	kN	1538.69	588.298	272.366	3138.07
FairleadTension4	kN	1379.44	535.106	264.402	2808.14
FairleadTension5	kN	102.134	44.916	61.3682	334.458
FairleadTension6	kN	95.7973	41.4302	61.1055	316.43
FairleadTension7	kN	159.517	103.343	66.6759	786.265
FairleadTension8	kN	167.755	104.268	67.0245	791.924
AnchorTension1	kN	1335.93	555.168	327.698	2775.75
AnchorTension2	kN	1475.63	635.95	321.572	3076.43
AnchorTension3	kN	1518.45	588.306	252.134	3117.81
AnchorTension4	kN	1359.2	535.111	244.17	2787.86
AnchorTension5	kN	78.4248	44.8923	38.6395	310.71
AnchorTension6	kN	72.0877	41.4063	38.383	292.664
AnchorTension7	kN	130.422	103.319	38.4558	757.131
AnchorTension8	kN	138.66	104.242	38.7926	762.765
xManExc	m	-3.80831	1.17322	-6.82224	-0.814542
yManExc	m	-8.96517	3.51785	-15.5055	-2.87993
zManExc	m	-20.1649	0.211068	-20.927	-19.4067
xFairLeadML6	m	-3.79818	1.003	-6.51424	-1.14608
yFairLeadML6	m	-8.79092	4.80922	-19.9423	1.47062
zFairLeadML6	m	-20.0859	0.359075	-21.4905	-18.7985
xFairLeadML10	m	-3.79661	1.22721	-6.84743	-0.684481
yFairLeadML10	m	-9.43961	3.03171	-16.5644	-2.25674
zFairLeadML10	m	-20.1896	0.244035	-21.113	-19.4323
xFairLeadML12	m	-3.76004	1.06417	-6.5034	-0.925633
yFairLeadML12	m	-9.59558	3.29089	-17.8151	-1.51675
zFairLeadML12	m	-20.1155	0.273533	-21.2306	-19.1311

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name	units	mean	std	min	max
xCOG_FSRU	m	3.74617	0.536547	1.06896	6.11387
yCOG_FSRU	m	-9.78883	1.87383	-13.891	-6.05994
zCOG_FSRU	m	3.73932	0.0735251	3.45535	4.0231
xREF_FSRU	m	-0.320575	0.538411	-2.9806	2.06013
yREF_FSRU	m	-9.83041	1.86712	-13.9571	-6.04249
zREF_FSRU	m	-9.36038	0.0670606	-9.6187	-9.10515
ROLL_FSRU	rad	-0.00205578	0.0055303	-0.0235451	0.0191873
PITCH_FSRU	rad	8.6019E-06	0.00237726	-0.0089959	0.00841997
YAW_FSRU	rad	0.00360295	0.0109192	-0.0334468	0.0410146
WaveHeight-COG	m	-0.000135804	0.502816	-2.00365	1.97541
windSpeed	ms-1	21.0955	2.27607	14.6296	27.5635
FairleadTension1	kN	1352.24	335.939	537.112	2350.47
FairleadTension2	kN	1493.81	378.934	578.405	2589.13
FairleadTension3	kN	1524.8	366.206	532.576	2622.04
FairleadTension4	kN	1356.45	329.44	480.517	2336.05
FairleadTension5	kN	92.1068	23.1484	63.312	219.532
FairleadTension6	kN	85.8434	21.0464	63.1227	198.067
FairleadTension7	kN	133.106	37.898	69.3692	328.175
FairleadTension8	kN	142.34	39.6747	70.7437	360.092
AnchorTension1	kN	1326.91	335.945	512.987	2325.2
AnchorTension2	kN	1468.49	378.945	554.275	2563.85
AnchorTension3	kN	1502.71	366.224	510.954	2599.56
AnchorTension4	kN	1334.35	329.455	458.844	2313.56
AnchorTension5	kN	66.6666	23.11	38.5953	194.1
AnchorTension6	kN	60.4029	21.0088	38.4059	172.568
AnchorTension7	kN	102.273	37.8505	39.4278	297.014
AnchorTension8	kN	111.508	39.6264	40.1599	329.196
xManExc	m	-4.45771	0.704443	-7.54294	-1.59636
yManExc	m	-9.657	1.95856	-14.0795	-5.53733
zManExc	m	-13.1501	0.142069	-13.7253	-12.6463
xFairLeadML6	m	-4.42886	0.615762	-7.30878	-1.84719
yFairLeadML6	m	-9.31811	2.58562	-15.9339	-2.76449
zFairLeadML6	m	-13.1301	0.361648	-14.4575	-11.7951
xFairLeadML10	m	-4.46248	0.733671	-7.56373	-1.464
yFairLeadML10	m	-10.1036	1.91021	-15.0984	-4.70023
zFairLeadML10	m	-13.156	0.199398	-14.0567	-12.3147
xFairLeadML12	m	-4.42599	0.646797	-7.33374	-1.66784
yFairLeadML12	m	-10.2816	2.12457	-16.3365	-3.58689
zFairLeadML12	m	-13.1366	0.285474	-14.2675	-12.1241

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name	units	mean	std	min	max
xCOG_FSRU	m	3.18918	0.886927	0.519499	6.03974
yCOG_FSRU	m	-9.71126	3.44551	-15.9293	-3.40522
zCOG_FSRU	m	9.18644	0.0895171	8.83323	9.52896
xREF_FSRU	m	-0.298652	0.887057	-2.93751	2.56994
yREF_FSRU	m	-9.89522	3.3834	-16.169	-3.39094
zREF_FSRU	m	-10.8118	0.0834085	-11.1421	-10.4941
ROLL_FSRU	rad	-0.00854244	0.00964751	-0.0338118	0.0152901
PITCH_FSRU	rad	1.72636E-05	0.00263053	-0.00989765	0.00944464
YAW_FSRU	rad	0.00377266	0.0191754	-0.0445334	0.0543176
WaveHeight-COG	m	-0.000178073	0.550313	-2.18017	2.19202
windSpeed	ms-1	21.9955	2.36314	15.2551	28.7331
FairleadTension1	kN	1461.31	613.777	310.81	3385.28
FairleadTension2	kN	1611.27	698.829	321.175	3688.76
FairleadTension3	kN	1651.39	648.908	313.253	3534.85
FairleadTension4	kN	1477.74	593.132	313.508	3233.44
FairleadTension5	kN	95.8137	44.2055	61.042	442.473
FairleadTension6	kN	89.9398	40.8626	60.7899	425.714
FairleadTension7	kN	156.306	104.777	66.0718	845.091
FairleadTension8	kN	164.692	106	66.3351	836.429
AnchorTension1	kN	1437.85	613.788	288.264	3361.88
AnchorTension2	kN	1587.82	698.844	298.629	3665.38
AnchorTension3	kN	1631.16	648.922	292.836	3514.78
AnchorTension4	kN	1457.5	593.144	293.1	3213.35
AnchorTension5	kN	72.098	44.1785	38.1693	418.561
AnchorTension6	kN	66.2238	40.8362	37.9321	401.801
AnchorTension7	kN	127.205	104.747	38.1569	816.314
AnchorTension8	kN	135.591	105.969	38.4174	807.652
xManExc	m	-3.86568	1.19151	-7.1191	-0.359965
yManExc	m	-9.51788	3.71149	-16.5176	-3.22192
zManExc	m	-20.1764	0.2351	-21.0555	-19.3988
xFairLeadML6	m	-3.84768	1.03054	-6.78943	-0.721128
yFairLeadML6	m	-9.26981	5.00847	-20.9906	1.6953
zFairLeadML6	m	-20.0913	0.420149	-21.6462	-18.5524
xFairLeadML10	m	-3.85627	1.2428	-7.16635	-0.186901
yFairLeadML10	m	-10.0947	3.14828	-19.0831	-1.38738
zFairLeadML10	m	-20.2029	0.278034	-21.0874	-19.2662
xFairLeadML12	m	-3.81208	1.08669	-6.74289	-0.452318
yFairLeadML12	m	-10.2908	3.35633	-20.8919	-0.150776
zFairLeadML12	m	-20.1233	0.325622	-21.3254	-18.8944

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name	units	mean	std	min	max
xCOG_FSRU	m	3.71162	0.965534	0.464228	6.90555
yCOG_FSRU	m	-10.3994	1.77881	-14.2812	-5.99036
zCOG_FSRU	m	3.73886	0.0813419	3.42545	4.05672
xREF_FSRU	m	-0.354472	0.966954	-3.63597	2.89623
yREF_FSRU	m	-10.4444	1.78699	-14.469	-5.85827
zREF_FSRU	m	-9.3608	0.0739415	-9.64302	-9.076
ROLL_FSRU	rad	-0.00220371	0.0058246	-0.0253072	0.0196616
PITCH_FSRU	rad	7.40514E-06	0.00282996	-0.0104362	0.0101737
YAW_FSRU	rad	0.00397276	0.020568	-0.0524541	0.059704
WaveHeight-COG	m	-0.00004597	0.550353	-2.21619	2.19798
windSpeed	ms-1	21.9955	2.36314	15.2551	28.7331
FairleadTension1	kN	1468.66	373.708	427.849	2924.55
FairleadTension2	kN	1621.53	405.58	469.836	3124.93
FairleadTension3	kN	1647.98	416.173	395.639	3588.61
FairleadTension4	kN	1464.38	369.818	371.163	3195.31
FairleadTension5	kN	101.452	55.5432	62.604	658.718
FairleadTension6	kN	95.4571	51.7759	62.3893	634.321
FairleadTension7	kN	139.099	65.243	67.6484	687.054
FairleadTension8	kN	148.956	69.0583	67.9881	719.817
AnchorTension1	kN	1443.34	373.722	402.801	2898.87
AnchorTension2	kN	1596.21	405.597	444.785	3099.33
AnchorTension3	kN	1625.9	416.198	373.167	3567.69
AnchorTension4	kN	1442.29	369.841	348.69	3174.38
AnchorTension5	kN	76.0112	55.5245	37.7705	633.105
AnchorTension6	kN	70.0164	51.7578	37.5586	608.707
AnchorTension7	kN	108.266	65.2122	38.291	656.762
AnchorTension8	kN	118.123	69.0273	38.586	689.527
xManExc	m	-4.50339	1.31335	-8.78247	-0.445607
yManExc	m	-10.258	1.83892	-14.5038	-6.2258
zManExc	m	-13.1534	0.158139	-13.7565	-12.5224
xFairLeadML6	m	-4.48681	1.13447	-8.42154	-0.963791
yFairLeadML6	m	-9.88181	3.14675	-18.2928	-1.84629
zFairLeadML6	m	-13.1317	0.424134	-14.6485	-11.5764
xFairLeadML10	m	-4.49178	1.37134	-8.83794	-0.117203
yFairLeadML10	m	-10.7497	2.58743	-17.6606	-3.67893
zFairLeadML10	m	-13.1599	0.235846	-14.3146	-12.2463
xFairLeadML12	m	-4.44439	1.19491	-8.21379	-0.481734
yFairLeadML12	m	-10.9445	3.3836	-20.1692	-1.36543
zFairLeadML12	m	-13.1392	0.344511	-14.5521	-11.9219

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name	units	mean	std	min	max
xCOG_FSRU	m	3.78924	0.632969	1.24389	5.74611
yCOG_FSRU	m	-8.02353	2.47872	-12.6115	-3.07449
zCOG_FSRU	m	9.18737	0.0865623	8.88482	9.49476
xREF_FSRU	m	0.298963	0.632555	-2.23738	2.3173
yREF_FSRU	m	-8.11107	2.42978	-12.7921	-3.19419
zREF_FSRU	m	-10.8116	0.0817667	-11.0946	-10.5255
ROLL_FSRU	rad	-0.00685262	0.00697677	-0.0244145	0.0108137
PITCH_FSRU	rad	7.65465E-06	0.00193315	-0.00726429	0.00696182
YAW_FSRU	rad	-0.0141842	0.0131237	-0.0564768	0.0309517
WaveHeight-COG	m	-0.000437226	0.574478	-2.30954	2.27965
windSpeed	ms-1	19.6956	2.13925	13.6612	25.7395
FairleadTension1	kN	1207.08	405.309	250.139	2380.62
FairleadTension2	kN	1361.03	472.609	252.733	2592.77
FairleadTension3	kN	1202.37	450.29	190.855	2446.09
FairleadTension4	kN	1113.01	416.843	189.762	2209.13
FairleadTension5	kN	153.906	60.9005	62.7789	654.423
FairleadTension6	kN	144.254	59.1775	62.4873	635.805
FairleadTension7	kN	115.305	45.4063	66.7791	404.125
FairleadTension8	kN	122.604	47.3267	67.1268	410.512
AnchorTension1	kN	1183.59	405.3	226.912	2356.57
AnchorTension2	kN	1337.54	472.604	229.516	2568.73
AnchorTension3	kN	1182.1	450.288	170.57	2425.7
AnchorTension4	kN	1092.74	416.84	169.475	2188.44
AnchorTension5	kN	130.212	60.8793	39.5532	630.639
AnchorTension6	kN	120.559	59.1563	39.2622	612.058
AnchorTension7	kN	86.2161	45.365	38.3518	374.919
AnchorTension8	kN	93.5158	47.2838	38.6685	381.306
xManExc	m	-2.92478	0.826491	-5.90337	-0.346429
yManExc	m	-8.33815	2.69325	-13.6797	-2.6884
zManExc	m	-20.1429	0.185315	-20.8846	-19.517
xFairLeadML6	m	-3.08777	0.702542	-5.81206	-0.947221
yFairLeadML6	m	-9.92059	3.63964	-19.0109	-0.462083
zFairLeadML6	m	-20.0743	0.328027	-21.3236	-18.8608
xFairLeadML10	m	-2.85526	0.881455	-5.92361	0.00231712
yFairLeadML10	m	-6.83622	2.14912	-12.9782	-0.24568
zFairLeadML10	m	-20.1652	0.194053	-20.8602	-19.5774
xFairLeadML12	m	-2.97675	0.786463	-5.83875	-0.430499
yFairLeadML12	m	-6.15712	2.21612	-13.2149	1.66806
zFairLeadML12	m	-20.1017	0.22454	-20.9189	-19.2618

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name	units	mean	std	min	max
xCOG_FSRU	m	4.36119	0.664041	1.92505	6.64566
yCOG_FSRU	m	-8.53515	2.33553	-13.1249	-4.25132
zCOG_FSRU	m	3.73993	0.0794498	3.45261	4.03321
xREF_FSRU	m	0.294701	0.664653	-2.13838	2.58101
yREF_FSRU	m	-8.49947	2.31947	-13.1458	-4.09149
zREF_FSRU	m	-9.35985	0.0733513	-9.62356	-9.09158
ROLL_FSRU	rad	-0.0017269	0.00529339	-0.0195318	0.0161558
PITCH_FSRU	rad	-1.10486E-06	0.00206024	-0.00783458	0.00734445
YAW_FSRU	rad	-0.0143371	0.0141183	-0.0514645	0.022195
WaveHeight-COG	m	-0.00036961	0.574496	-2.31717	2.1867
windSpeed	ms-1	19.6956	2.13925	13.6612	25.7395
FairleadTension1	kN	1208.81	377.889	354.612	2273.12
FairleadTension2	kN	1365.36	438.867	395.946	2575.09
FairleadTension3	kN	1206.23	419.983	274.124	2374.32
FairleadTension4	kN	1112.34	384.083	267.462	2199.8
FairleadTension5	kN	157.482	64.2603	64.6753	455.069
FairleadTension6	kN	148.062	62.3412	64.3044	455.778
FairleadTension7	kN	115.803	39.4708	68.622	346.374
FairleadTension8	kN	123.268	41.3391	69.0228	366.716
AnchorTension1	kN	1183.47	377.889	329.717	2247.61
AnchorTension2	kN	1340.02	438.873	371.053	2549.64
AnchorTension3	kN	1184.12	419.993	252.131	2351.64
AnchorTension4	kN	1090.23	384.091	245.468	2177.73
AnchorTension5	kN	132.05	64.2424	39.9325	429.451
AnchorTension6	kN	122.629	62.3239	39.5639	429.996
AnchorTension7	kN	84.9703	39.4329	38.7942	315.114
AnchorTension8	kN	92.435	41.2996	39.169	335.663
xManExc	m	-3.50688	0.882109	-6.3851	-0.853175
yManExc	m	-8.89082	2.48713	-13.4924	-4.05585
zManExc	m	-13.143	0.134556	-13.6738	-12.6135
xFairLeadML6	m	-3.67183	0.743465	-6.26501	-1.25907
yFairLeadML6	m	-10.4021	3.41614	-18.043	-3.10161
zFairLeadML6	m	-13.1253	0.327645	-14.3096	-11.8518
xFairLeadML10	m	-3.43377	0.944423	-6.42469	-0.664583
yFairLeadML10	m	-7.28428	2.25292	-13.1704	-1.32846
zFairLeadML10	m	-13.1489	0.163595	-13.7374	-12.5171
xFairLeadML12	m	-3.55576	0.838956	-6.29897	-0.95284
yFairLeadML12	m	-6.58869	2.48674	-13.4944	0.346838
zFairLeadML12	m	-13.133	0.23381	-13.9727	-12.3009

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name	units	mean	std	min	max
xCOG_FSRU	m	3.74727	0.849452	1.02567	6.55359
yCOG_FSRU	m	-8.33158	2.82334	-13.8264	-2.5726
zCOG_FSRU	m	9.18716	0.0970638	8.83494	9.54009
xREF_FSRU	m	0.257178	0.848771	-2.44396	3.06352
yREF_FSRU	m	-8.42791	2.77041	-14.0284	-2.43247
zREF_FSRU	m	-10.8117	0.0914665	-11.1398	-10.4835
ROLL_FSRU	rad	-0.00718126	0.00761155	-0.0274168	0.0138382
PITCH_FSRU	rad	8.65142E-06	0.00228728	-0.0086996	0.00825868
YAW_FSRU	rad	-0.0135465	0.0178814	-0.0569244	0.0346834
WaveHeight-COG	m	-0.000614344	0.626152	-2.51405	2.4632
windSpeed	ms-1	20.2956	2.19809	14.0755	26.5219
FairleadTension1	kN	1276.69	482.434	208.021	3053.3
FairleadTension2	kN	1436.73	556.495	230.782	3282.48
FairleadTension3	kN	1269	537.139	155.378	3087.33
FairleadTension4	kN	1171.53	496.42	147.528	2914.48
FairleadTension5	kN	160.783	89.3151	62.4716	754.621
FairleadTension6	kN	151.333	86.76	62.0309	729.907
FairleadTension7	kN	121.597	59.6109	66.0197	495.791
FairleadTension8	kN	128.843	61.9501	66.3014	494.401
AnchorTension1	kN	1253.2	482.427	185.083	3029.83
AnchorTension2	kN	1413.25	556.493	207.809	3258.99
AnchorTension3	kN	1248.74	537.138	135.124	3066.88
AnchorTension4	kN	1151.27	496.416	127.296	2894.02
AnchorTension5	kN	137.086	89.2965	39.3055	730.668
AnchorTension6	kN	127.636	86.7414	39.0089	705.953
AnchorTension7	kN	92.5055	59.5707	38.1077	465.763
AnchorTension8	kN	99.7518	61.9079	38.3896	464.367
xManExc	m	-2.9806	1.11718	-6.04378	0.184833
yManExc	m	-8.62645	3.05931	-14.196	-2.48761
zManExc	m	-20.1494	0.206535	-20.8637	-19.4302
xFairLeadML6	m	-3.14403	0.946988	-5.89066	-0.20575
yFairLeadML6	m	-10.1476	4.27452	-19.7079	0.560002
zFairLeadML6	m	-20.0776	0.381763	-21.4043	-18.6129
xFairLeadML10	m	-2.90585	1.19222	-6.04022	0.350519
yFairLeadML10	m	-7.20325	2.66208	-14.1389	0.0516732
zFairLeadML10	m	-20.1726	0.221053	-20.9171	-19.4531
xFairLeadML12	m	-3.01827	1.06107	-5.92266	0.0748397
yFairLeadML12	m	-6.55512	2.95221	-14.4911	1.55461
zFairLeadML12	m	-20.106	0.266532	-21.0671	-19.0453

ballasted_120degN_RP100yr

name	units	mean	std	min	max
xCOG_FSRU	m	4.32405	0.874183	1.25536	6.73432
yCOG_FSRU	m	-8.90317	2.31151	-13.8611	-4.51922
zCOG_FSRU	m	3.7397	0.0884206	3.40933	4.07395
xREF_FSRU	m	0.257813	0.875093	-2.80422	2.66715
yREF_FSRU	m	-8.87063	2.29896	-13.8261	-4.4272
zREF_FSRU	m	-9.36002	0.0813206	-9.66207	-9.05486
ROLL_FSRU	rad	-0.00181589	0.00577804	-0.0230914	0.0197264
PITCH_FSRU	rad	1.49172E-07	0.00245424	-0.00943302	0.0083456
YAW_FSRU	rad	-0.0138502	0.0186444	-0.0646607	0.0417944
WaveHeight-COG	m	-0.000515021	0.626211	-2.51815	2.38361
windSpeed	ms-1	20.2956	2.19809	14.0755	26.5219
FairleadTension1	kN	1278.04	409.183	317.679	2821.28
FairleadTension2	kN	1441.54	468.234	348.387	2995.21
FairleadTension3	kN	1272.36	455.194	224.068	2613.55
FairleadTension4	kN	1169.83	416.611	223.773	2482.68
FairleadTension5	kN	162.651	91.3206	63.4663	868.258
FairleadTension6	kN	153.371	89.1078	63.2673	858.163
FairleadTension7	kN	118.255	48.8316	67.887	471.166
FairleadTension8	kN	125.874	51.3743	68.1951	477.953
AnchorTension1	kN	1252.7	409.182	292.996	2795.84
AnchorTension2	kN	1416.21	468.239	323.659	2969.79
AnchorTension3	kN	1250.26	455.204	201.875	2591.43
AnchorTension4	kN	1147.72	416.618	201.587	2460.54
AnchorTension5	kN	137.218	91.3045	38.5367	842.802
AnchorTension6	kN	127.938	89.0924	38.3386	832.706
AnchorTension7	kN	87.4216	48.7924	38.2018	439.877
AnchorTension8	kN	95.0408	51.3336	38.5307	446.663
xManExc	m	-3.55503	1.16188	-7.13793	-0.422013
yManExc	m	-9.24552	2.46832	-14.5995	-4.30994
zManExc	m	-13.145	0.153452	-13.7226	-12.5348
xFairLeadML6	m	-3.72219	0.981223	-7.00325	-1.12295
yFairLeadML6	m	-10.7071	3.6931	-21.162	-0.687031
zFairLeadML6	m	-13.1265	0.384762	-14.4516	-11.6517
xFairLeadML10	m	-3.47587	1.24277	-7.15824	-0.0463432
yFairLeadML10	m	-7.69643	2.52634	-14.487	-1.29078
zFairLeadML10	m	-13.151	0.195209	-13.8446	-12.4359
xFairLeadML12	m	-3.59007	1.10291	-7.0351	-0.482108
yFairLeadML12	m	-7.02406	3.04377	-15.5368	1.1945
zFairLeadML12	m	-13.1342	0.283369	-14.1674	-12.1218

loaded_150degN_RP50yr

name	units	mean	std	min	max
xCOG_FSRU	m	3.37693	0.8769	0.630338	5.6889
yCOG_FSRU	m	-4.86634	1.02294	-7.7441	-2.00299
zCOG_FSRU	m	9.1885	0.0904197	8.87614	9.47692
xREF_FSRU	m	-0.112515	0.875498	-2.86536	2.17659
yREF_FSRU	m	-4.91902	1.03485	-8.00597	-1.96988
zREF_FSRU	m	-10.811	0.0856394	-11.1082	-10.5351
ROLL_FSRU	rad	-0.00413146	0.00429916	-0.0174529	0.0103664
PITCH_FSRU	rad	2.08028E-05	0.00191263	-0.00681799	0.00676012
YAW_FSRU	rad	-0.00857636	0.0213792	-0.0531803	0.0389453
WaveHeight-COG	m	-0.000772071	0.675155	-2.71164	2.54501
windSpeed	ms-1	20.6956	2.23715	14.3523	27.0429
FairleadTension1	kN	840.089	236.4	291.182	1720.59
FairleadTension2	kN	915.783	258.814	293.803	1909.08
FairleadTension3	kN	675.32	268.081	149.759	1572.59
FairleadTension4	kN	629.151	235.026	151.035	1421.2
FairleadTension5	kN	227.214	165.764	62.5239	1017.28
FairleadTension6	kN	223.894	171.084	62.2982	1036.15
FairleadTension7	kN	181.105	88.7079	69.0028	666.046
FairleadTension8	kN	190.109	90.4441	72.6209	686.104
AnchorTension1	kN	816.549	236.376	267.679	1696.4
AnchorTension2	kN	892.246	258.795	270.299	1884.93
AnchorTension3	kN	655	268.071	129.199	1552.26
AnchorTension4	kN	608.828	235.013	130.254	1400.77
AnchorTension5	kN	203.548	165.755	39.3237	993.146
AnchorTension6	kN	200.228	171.075	39.0995	1012.04
AnchorTension7	kN	152.048	88.6874	40.032	636.756
AnchorTension8	kN	161.052	90.4228	43.6503	657.223
xManExc	m	-3.44555	1.20375	-6.66968	-0.495559
yManExc	m	-5.05934	1.04917	-8.58644	-2.13755
zManExc	m	-20.0904	0.156646	-20.5738	-19.514
xFairLeadML6	m	-3.56011	1.00652	-6.51943	-1.04663
yFairLeadML6	m	-6.01442	2.73207	-13.756	0.327694
zFairLeadML6	m	-20.0509	0.326081	-21.1218	-18.9046
xFairLeadML10	m	-3.38621	1.28526	-6.72106	-0.21412
yFairLeadML10	m	-4.15162	2.32446	-9.6504	1.18451
zFairLeadML10	m	-20.1021	0.144391	-20.6551	-19.5573
xFairLeadML12	m	-3.45223	1.12155	-6.55471	-0.611633
yFairLeadML12	m	-3.73974	3.29489	-11.2659	3.59671
zFairLeadML12	m	-20.0631	0.205623	-20.8642	-19.2696

ballasted_150degN_RP50yr

name	units	mean	std	min	max
xCOG_FSRU	m	4.05269	0.72499	1.27106	6.5643
yCOG_FSRU	m	-5.04259	1.82821	-9.60712	-0.657742
zCOG_FSRU	m	3.74147	0.0850577	3.45225	4.02704
xREF_FSRU	m	-0.0139909	0.724949	-2.78979	2.50151
yREF_FSRU	m	-5.01019	1.82403	-9.70604	-0.511919
zREF_FSRU	m	-9.35815	0.0789156	-9.62651	-9.0988
ROLL_FSRU	rad	-0.000967907	0.00662562	-0.0230332	0.0220696
PITCH_FSRU	rad	1.46663E-05	0.0019986	-0.00715098	0.00706091
YAW_FSRU	rad	-0.0110848	0.0139079	-0.04827	0.0283641
WaveHeight-COG	m	-0.000711625	0.67511	-2.71487	2.65275
windSpeed	ms-1	20.6956	2.23715	14.3523	27.0429
FairleadTension1	kN	818.338	280.116	206.238	1803.8
FairleadTension2	kN	897.886	316.808	214.951	1925.13
FairleadTension3	kN	662.881	297.869	111.297	1861.54
FairleadTension4	kN	623.578	271.505	115.004	1691.62
FairleadTension5	kN	205.542	98.0791	67.2584	854.8
FairleadTension6	kN	199.624	99.7767	65.1386	848.979
FairleadTension7	kN	167.75	65.77	69.3552	568.318
FairleadTension8	kN	176.191	66.8674	70.8624	591.82
AnchorTension1	kN	792.968	280.101	181.387	1777.87
AnchorTension2	kN	872.521	316.798	190.101	1899.2
AnchorTension3	kN	640.734	297.866	89.4455	1839.71
AnchorTension4	kN	601.429	271.501	93.1529	1669.85
AnchorTension5	kN	180.116	98.0654	42.298	829.382
AnchorTension6	kN	174.197	99.7641	40.1781	823.561
AnchorTension7	kN	136.928	65.7332	39.5207	537.492
AnchorTension8	kN	145.37	66.829	41.0199	560.992
xManExc	m	-3.87563	0.886858	-7.13048	-0.956024
yManExc	m	-5.32445	1.91896	-10.7188	-0.669951
zManExc	m	-13.1277	0.148633	-13.7261	-12.5503
xFairLeadML6	m	-4.00348	0.784131	-6.99559	-1.34532
yFairLeadML6	m	-6.48657	2.74686	-15.1747	1.21706
zFairLeadML6	m	-13.1191	0.325928	-14.2654	-11.9208
xFairLeadML10	m	-3.81898	0.93232	-7.15804	-0.772942
yFairLeadML10	m	-4.07613	2.04918	-10.4632	1.97137
zFairLeadML10	m	-13.129	0.169173	-13.7101	-12.5387
xFairLeadML12	m	-3.91322	0.846303	-7.02841	-1.05296
yFairLeadML12	m	-3.53755	2.44078	-10.949	3.62906
zFairLeadML12	m	-13.1193	0.221839	-13.8981	-12.3112

loaded_150degN_RP100yr

name	units	mean	std	min	max
xCOG_FSRU	m	3.41309	0.849762	0.899806	5.71451
yCOG_FSRU	m	-5.12446	1.1505	-8.65641	-0.814437
zCOG_FSRU	m	9.18846	0.0983775	8.85746	9.51154
xREF_FSRU	m	-0.0766154	0.848553	-2.63895	2.24212
yREF_FSRU	m	-5.17884	1.15581	-8.72579	-0.8207
zREF_FSRU	m	-10.811	0.0931359	-11.1225	-10.5046
ROLL_FSRU	rad	-0.00442456	0.00449973	-0.0185178	0.00871182
PITCH_FSRU	rad	2.20458E-05	0.00209329	-0.00735757	0.00749293
YAW_FSRU	rad	-0.00977171	0.0188363	-0.0534321	0.0399156
WaveHeight-COG	m	-0.000553042	0.700421	-2.81277	2.76523
windSpeed	ms-1	21.4955	2.31485	14.9073	28.0836
FairleadTension1	kN	877.201	261.501	177.824	1967.14
FairleadTension2	kN	960.073	285.343	182.82	2131.35
FairleadTension3	kN	702.134	282.547	97.0297	1898.94
FairleadTension4	kN	655.08	252.725	97.5087	1747.04
FairleadTension5	kN	214.583	142.323	62.2016	916.262
FairleadTension6	kN	209.724	145.26	61.971	925.108
FairleadTension7	kN	167.132	69.9377	70.553	525.206
FairleadTension8	kN	176.378	72.3321	75.1227	542.245
AnchorTension1	kN	853.666	261.476	154.423	1943.71
AnchorTension2	kN	936.542	285.322	159.419	2107.93
AnchorTension3	kN	681.818	282.537	76.5897	1878.8
AnchorTension4	kN	634.762	252.712	77.0591	1726.91
AnchorTension5	kN	190.914	142.311	39.4795	892.205
AnchorTension6	kN	186.054	145.248	39.2514	901.051
AnchorTension7	kN	138.072	69.9027	42.0933	494.678
AnchorTension8	kN	147.319	72.2962	46.6633	511.729
xManExc	m	-3.38564	1.11358	-6.38831	-0.56514
yManExc	m	-5.34608	1.17323	-9.20545	-1.3054
zManExc	m	-20.096	0.168734	-20.7473	-19.5276
xFairLeadML6	m	-3.50813	0.950059	-6.14152	-1.08533
yFairLeadML6	m	-6.43029	2.51517	-13.1192	-0.0478947
zFairLeadML6	m	-20.0537	0.355938	-21.2863	-18.7961
xFairLeadML10	m	-3.32677	1.18309	-6.37926	-0.398686
yFairLeadML10	m	-4.30672	2.16514	-9.29396	0.941298
zFairLeadML10	m	-20.1086	0.156393	-20.6721	-19.5302
xFairLeadML12	m	-3.40573	1.04863	-6.17492	-0.723701
yFairLeadML12	m	-3.83761	2.98538	-11.2274	2.44683
zFairLeadML12	m	-20.0668	0.225323	-20.8709	-19.1886

ballasted_150degN_RP100yr

name	units	mean	std	min	max
xCOG_FSRU	m	4.055	0.765842	1.61788	6.42017
yCOG_FSRU	m	-5.32398	2.2	-9.91595	-0.0675356
zCOG_FSRU	m	3.74129	0.0916708	3.43037	4.05966
xREF_FSRU	m	-0.0116547	0.765981	-2.45302	2.34028
yREF_FSRU	m	-5.29006	2.19299	-9.98095	0.194261
zREF_FSRU	m	-9.35829	0.0849485	-9.64379	-9.06886
ROLL_FSRU	rad	-0.00103868	0.00696905	-0.0256418	0.0241417
PITCH_FSRU	rad	1.69741E-05	0.00220551	-0.0078239	0.00797597
YAW_FSRU	rad	-0.0116872	0.0148351	-0.0529039	0.0343894
WaveHeight-COG	m	-0.000494929	0.700557	-2.81593	2.69255
windSpeed	ms-1	21.4955	2.31485	14.9073	28.0836
FairleadTension1	kN	865.935	317.443	180.433	2036.71
FairleadTension2	kN	953.514	361.839	185.976	2205.32
FairleadTension3	kN	701.905	339.974	100.555	1972.43
FairleadTension4	kN	658.317	310.074	105.437	1791.16
FairleadTension5	kN	204.727	101.834	64.9159	803.872
FairleadTension6	kN	198.91	103.827	64.4954	804.32
FairleadTension7	kN	166.398	71.3675	69.0374	608.984
FairleadTension8	kN	174.77	72.2264	69.5033	614.238
AnchorTension1	kN	840.569	317.429	155.655	2011.11
AnchorTension2	kN	928.153	361.83	161.198	2179.08
AnchorTension3	kN	679.761	339.973	78.9024	1950.02
AnchorTension4	kN	636.171	310.071	83.7843	1768.7
AnchorTension5	kN	179.3	101.818	39.8919	777.869
AnchorTension6	kN	173.482	103.812	39.5447	778.317
AnchorTension7	kN	135.577	71.3295	38.9988	578.009
AnchorTension8	kN	143.949	72.1865	39.3972	583.274
xManExc	m	-3.86242	0.94537	-6.60992	-0.920975
yManExc	m	-5.62107	2.30542	-10.8052	-0.263825
zManExc	m	-13.1293	0.159364	-13.7762	-12.5189
xFairLeadML6	m	-3.9985	0.830111	-6.45674	-1.45374
yFairLeadML6	m	-6.8465	3.17026	-15.1919	1.27958
zFairLeadML6	m	-13.1202	0.357261	-14.3715	-11.7801
xFairLeadML10	m	-3.80138	0.997188	-6.66534	-0.692098
yFairLeadML10	m	-4.30528	2.35113	-10.8438	3.13616
zFairLeadML10	m	-13.1305	0.184939	-13.789	-12.4979
xFairLeadML12	m	-3.90017	0.903435	-6.44459	-1.03906
yFairLeadML12	m	-3.73736	2.71445	-12.0745	4.93207
zFairLeadML12	m	-13.1201	0.246701	-14.0338	-12.1932

loaded_180degN_RP50yr

name	units	mean	std	min	max
xCOG_FSRU	m	3.11002	0.668174	1.02539	5.19864
yCOG_FSRU	m	0.980085	1.22551	-2.61591	5.0457
zCOG_FSRU	m	9.18967	0.0698834	8.94466	9.44033
xREF_FSRU	m	-0.379206	0.667538	-2.44051	1.70129
yREF_FSRU	m	0.97417	1.2303	-2.58182	5.08897
zREF_FSRU	m	-10.8102	0.0658416	-11.0426	-10.5732
ROLL_FSRU	rad	2.20052E-05	0.00113822	-0.0043274	0.00493026
PITCH_FSRU	rad	3.18511E-05	0.00161717	-0.00531517	0.00570517
YAW_FSRU	rad	0.00182255	0.0172965	-0.0365315	0.040685
WaveHeight-COG	m	-0.00029114	0.69903	-2.80281	2.72331
windSpeed	ms-1	18.5957	2.03056	12.9015	24.3022
FairleadTension1	kN	331.061	148.337	92.9502	1186.29
FairleadTension2	kN	328.264	155.117	89.2069	1248
FairleadTension3	kN	261.657	162.298	60.7691	1014.62
FairleadTension4	kN	257.675	149.987	62.6164	960.816
FairleadTension5	kN	324.035	160.23	75.9859	998.983
FairleadTension6	kN	334.535	176.714	73.2979	1096.03
FairleadTension7	kN	440.398	173.455	128.521	1220.29
FairleadTension8	kN	430.218	160.115	131.691	1175.75
AnchorTension1	kN	307.452	148.322	69.6061	1162.39
AnchorTension2	kN	304.654	155.105	65.8621	1224.11
AnchorTension3	kN	241.272	162.291	40.5654	994.402
AnchorTension4	kN	237.29	149.978	42.4003	940.583
AnchorTension5	kN	300.415	160.221	52.4603	975.223
AnchorTension6	kN	310.916	176.706	49.7663	1072.28
AnchorTension7	kN	411.399	173.442	99.5558	1191.08
AnchorTension8	kN	401.218	160.1	102.728	1146.54
xManExc	m	-3.90617	0.728763	-6.61337	-1.40708
yManExc	m	1.02668	1.26989	-2.88019	4.56088
zManExc	m	-20.0108	0.109424	-20.3894	-19.6171
xFairLeadML6	m	-3.90438	0.677518	-6.31611	-1.63595
yFairLeadML6	m	1.21723	2.4686	-5.44226	8.35217
zFairLeadML6	m	-20.0143	0.269075	-20.9246	-19.1053
xFairLeadML10	m	-3.89577	0.752431	-6.64689	-1.32032
yFairLeadML10	m	0.818476	2.02684	-4.26046	6.71618
zFairLeadML10	m	-20.0071	0.0930877	-20.3277	-19.6668
xFairLeadML12	m	-3.87166	0.69326	-6.30854	-1.49982
yFairLeadML12	m	0.731351	2.74435	-6.19329	7.66615
zFairLeadML12	m	-20.0057	0.169483	-20.5675	-19.3899

ballasted_180degN_RP50yr

name	units	mean	std	min	max
xCOG_FSRU	m	3.66037	0.590315	1.90501	5.56501
yCOG_FSRU	m	1.03726	1.20651	-2.39929	5.02308
zCOG_FSRU	m	3.74262	0.0688237	3.50147	3.99025
xREF_FSRU	m	-0.406429	0.590275	-2.19226	1.46003
yREF_FSRU	m	1.03065	1.2206	-2.37697	5.23636
zREF_FSRU	m	-9.35702	0.0635484	-9.57918	-9.12554
ROLL_FSRU	rad	0.000107786	0.00588539	-0.0236522	0.0255869
PITCH_FSRU	rad	2.94049E-05	0.00168739	-0.00542427	0.00571795
YAW_FSRU	rad	0.00197357	0.0169954	-0.0349284	0.0371148
WaveHeight-COG	m	-0.000298026	0.699185	-2.82009	2.6238
windSpeed	ms-1	18.5957	2.03056	12.9015	24.3022
FairleadTension1	kN	322.625	119.504	107.308	796.178
FairleadTension2	kN	319.32	124.796	101.176	819.076
FairleadTension3	kN	255.125	143.758	61.8374	853.29
FairleadTension4	kN	251.543	131.709	62.3299	796.802
FairleadTension5	kN	314.286	133.655	106.796	980.136
FairleadTension6	kN	323.89	148.911	103.657	1067.18
FairleadTension7	kN	430.255	139.442	127.52	1030.1
FairleadTension8	kN	420.869	128.124	132.638	990.343
AnchorTension1	kN	297.219	119.484	82.5994	770.293
AnchorTension2	kN	293.914	124.778	76.5	793.283
AnchorTension3	kN	232.945	143.752	39.9884	830.929
AnchorTension4	kN	229.362	131.701	40.4783	774.438
AnchorTension5	kN	288.872	133.647	81.4853	954.598
AnchorTension6	kN	298.477	148.905	78.3731	1041.65
AnchorTension7	kN	399.462	139.417	97.5244	999.331
AnchorTension8	kN	390.075	128.096	102.647	959.545
xManExc	m	-4.51432	0.647783	-6.44797	-2.33856
yManExc	m	1.08491	1.23698	-3.04645	4.24612
zManExc	m	-13.1065	0.129129	-13.6005	-12.5867
xFairLeadML6	m	-4.51041	0.594315	-6.28048	-2.54816
yFairLeadML6	m	1.29267	2.38307	-5.9385	7.17922
zFairLeadML6	m	-13.1103	0.275261	-14.0354	-12.2155
xFairLeadML10	m	-4.50487	0.673865	-6.4036	-2.1742
yFairLeadML10	m	0.860876	2.02957	-4.44992	8.05099
zFairLeadML10	m	-13.1024	0.142315	-13.6668	-12.4848
xFairLeadML12	m	-4.47959	0.614569	-6.30436	-2.41699
yFairLeadML12	m	0.766675	2.73998	-6.14831	9.76092
zFairLeadML12	m	-13.1019	0.185327	-13.7543	-12.4318

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name	units	mean	std	min	max
xCOG_FSRU	m	3.05937	0.771803	0.651464	5.70333
yCOG_FSRU	m	1.21489	1.30412	-2.45603	5.29083
zCOG_FSRU	m	9.18947	0.0786298	8.91699	9.46741
xREF_FSRU	m	-0.429715	0.770974	-2.91322	2.20146
yREF_FSRU	m	1.20863	1.31193	-2.34103	5.40701
zREF_FSRU	m	-10.8104	0.0742573	-11.0688	-10.5484
ROLL_FSRU	rad	-5.96634E-06	0.00151698	-0.00672935	0.00551248
PITCH_FSRU	rad	3.47913E-05	0.0017512	-0.0057588	0.00600661
YAW_FSRU	rad	0.00176169	0.0215832	-0.0403785	0.0454183
WaveHeight-COG	m	-0.000361044	0.724548	-2.92376	2.75232
windSpeed	ms-1	19.2957	2.09985	13.3856	25.2173
FairleadTension1	kN	344.209	176.729	76.6119	1112.28
FairleadTension2	kN	341.85	184.257	73.9639	1180.48
FairleadTension3	kN	272.098	207.623	59.3317	1232.2
FairleadTension4	kN	265.809	190.99	59.5177	1164.5
FairleadTension5	kN	346.512	200.62	78.0052	1205.18
FairleadTension6	kN	361.595	223.445	74.3066	1291.86
FairleadTension7	kN	475.907	206.729	104.505	1486.71
FairleadTension8	kN	462.534	189.955	110.19	1365.16
AnchorTension1	kN	320.601	176.717	53.8592	1088.42
AnchorTension2	kN	318.242	184.247	51.2111	1156.62
AnchorTension3	kN	251.714	207.616	39.0382	1211.52
AnchorTension4	kN	245.424	190.982	39.2237	1143.79
AnchorTension5	kN	322.893	200.61	54.5754	1180.97
AnchorTension6	kN	337.977	223.437	50.8766	1268.63
AnchorTension7	kN	446.911	206.716	75.7264	1458.18
AnchorTension8	kN	433.537	189.939	81.4153	1336.19
xManExc	m	-3.95785	0.829591	-6.44922	-1.48063
yManExc	m	1.25855	1.36299	-3.45837	5.61234
zManExc	m	-20.0116	0.122472	-20.4457	-19.602
xFairLeadML6	m	-3.96544	0.76958	-6.32471	-1.40484
yFairLeadML6	m	1.44316	2.96356	-7.64456	9.61131
zFairLeadML6	m	-20.0151	0.294033	-21.006	-19.053
xFairLeadML10	m	-3.93785	0.860989	-6.52807	-1.27303
yFairLeadML10	m	1.05654	2.40908	-4.94834	8.50046
zFairLeadML10	m	-20.0076	0.100979	-20.3793	-19.6824
xFairLeadML12	m	-3.91026	0.792791	-6.31762	-1.43928
yFairLeadML12	m	0.973103	3.34041	-7.09666	10.3553
zFairLeadML12	m	-20.0059	0.182022	-20.6056	-19.3965

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name	units	mean	std	min	max
xCOG_FSRU	m	3.66239	0.630816	1.71265	5.67914
yCOG_FSRU	m	1.18247	1.25976	-1.76872	4.47257
zCOG_FSRU	m	3.7427	0.0764342	3.47358	4.00994
xREF_FSRU	m	-0.404728	0.630579	-2.35393	1.62366
yREF_FSRU	m	1.17556	1.2687	-1.91852	4.55142
zREF_FSRU	m	-9.35682	0.070722	-9.60531	-9.1086
ROLL_FSRU	rad	0.000125048	0.00714081	-0.0279117	0.0297801
PITCH_FSRU	rad	3.10997E-05	0.00182775	-0.00638187	0.00598882
YAW_FSRU	rad	0.00210344	0.0116518	-0.0305198	0.0374858
WaveHeight-COG	m	-0.000355152	0.724475	-2.92387	2.76571
windSpeed	ms-1	19.2957	2.09985	13.3856	25.2173
FairleadTension1	kN	310.32	117.649	110.921	856.872
FairleadTension2	kN	305.319	121.171	104.537	874.086
FairleadTension3	kN	235.536	110.326	71.1436	754.85
FairleadTension4	kN	235.278	104.799	74.718	708.049
FairleadTension5	kN	311.713	121.193	102.623	883.89
FairleadTension6	kN	319.574	131.822	99.7051	953.163
FairleadTension7	kN	436.328	144.815	169.099	1030.68
FairleadTension8	kN	426.953	135.293	171.624	983.682
AnchorTension1	kN	284.914	117.623	86.0163	831.343
AnchorTension2	kN	279.913	121.147	79.6318	848.558
AnchorTension3	kN	213.354	110.313	49.133	732.721
AnchorTension4	kN	213.096	104.784	52.7075	685.917
AnchorTension5	kN	286.299	121.18	77.4112	858.447
AnchorTension6	kN	294.161	131.81	74.5004	927.723
AnchorTension7	kN	405.536	144.784	138.971	999.158
AnchorTension8	kN	396.16	135.259	141.496	952.161
xManExc	m	-4.51269	0.661512	-6.55351	-2.49363
yManExc	m	1.23457	1.28129	-2.01638	4.92427
zManExc	m	-13.1063	0.147698	-13.7339	-12.4946
xFairLeadML6	m	-4.49963	0.636341	-6.47332	-2.47257
yFairLeadML6	m	1.4554	1.90496	-3.74328	6.90426
zFairLeadML6	m	-13.1103	0.298683	-14.1054	-12.0395
xFairLeadML10	m	-4.51239	0.671239	-6.54677	-2.48523
yFairLeadML10	m	0.996227	1.67344	-3.12344	5.59012
zFairLeadML10	m	-13.1018	0.167912	-13.784	-12.4195
xFairLeadML12	m	-4.48962	0.641506	-6.49135	-2.47907
yFairLeadML12	m	0.895112	2.09101	-4.83472	6.89474
zFairLeadML12	m	-13.1014	0.204301	-13.8697	-12.368

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name	units	mean	std	min	max
xCOG_FSRU	m	3.41689	0.70804	0.961941	5.52976
yCOG_FSRU	m	6.05435	1.20133	2.58361	9.30557
zCOG_FSRU	m	9.18857	0.0733087	8.93244	9.45381
xREF_FSRU	m	-0.0727733	0.707266	-2.52743	1.97923
yREF_FSRU	m	6.08053	1.20325	2.57795	9.35466
zREF_FSRU	m	-10.8111	0.0691254	-11.0544	-10.5608
ROLL_FSRU	rad	0.00340457	0.00342228	-0.00813371	0.0151055
PITCH_FSRU	rad	2.18587E-05	0.00167377	-0.00567044	0.00566034
YAW_FSRU	rad	0.0120102	0.0162533	-0.0395847	0.0575024
WaveHeight-COG	m	-0.000312715	0.724024	-2.89818	2.96123
windSpeed	ms-1	18.7957	2.0504	13.041	24.5638
FairleadTension1	kN	131.068	59.677	62.2805	519.075
FairleadTension2	kN	121.515	56.1116	62.0261	491.24
FairleadTension3	kN	165.483	116.661	58.3629	1069.24
FairleadTension4	kN	171.888	115.639	58.5316	1050.87
FairleadTension5	kN	649.088	205.448	187.985	1472.16
FairleadTension6	kN	697.481	233.242	188.343	1650.08
FairleadTension7	kN	928.808	228.13	355.593	1755.05
FairleadTension8	kN	842.798	202.791	334.636	1625.64
AnchorTension1	kN	107.412	59.656	39.1993	495.385
AnchorTension2	kN	97.8585	56.0914	38.9372	467.549
AnchorTension3	kN	145.061	116.653	38.624	1048.46
AnchorTension4	kN	151.467	115.631	38.7922	1030.09
AnchorTension5	kN	625.522	205.436	164.836	1448.35
AnchorTension6	kN	673.918	233.232	165.124	1626.28
AnchorTension7	kN	899.872	228.111	326.621	1725.7
AnchorTension8	kN	813.856	202.767	305.663	1596.65
xManExc	m	-3.7929	0.54158	-5.61255	-2.28258
yManExc	m	6.33975	1.22188	3.30197	9.91966
zManExc	m	-19.9478	0.129133	-20.3889	-19.4765
xFairLeadML6	m	-3.69528	0.604319	-5.84426	-2.01861
yFairLeadML6	m	7.64301	2.28439	0.944285	14.6569
zFairLeadML6	m	-19.9839	0.280936	-20.9363	-18.9902
xFairLeadML10	m	-3.81264	0.527731	-5.61123	-2.38212
yFairLeadML10	m	5.02586	1.98207	-0.743688	10.8136
zFairLeadML10	m	-19.9332	0.118281	-20.3553	-19.5576
xFairLeadML12	m	-3.69229	0.590437	-5.67418	-1.94014
yFairLeadML12	m	4.45036	2.65482	-2.86039	12.6896
zFairLeadML12	m	-19.9634	0.1791	-20.5674	-19.361

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name	units	mean	std	min	max
xCOG_FSRU	m	4.02485	0.634284	2.11671	5.78185
yCOG_FSRU	m	6.40193	1.50082	2.25436	9.85478
zCOG_FSRU	m	3.74138	0.0721731	3.49028	3.99856
xREF_FSRU	m	-0.0417589	0.63457	-1.91569	1.71309
yREF_FSRU	m	6.36159	1.5068	2.03444	9.9621
zREF_FSRU	m	-9.35818	0.0666692	-9.58817	-9.11736
ROLL_FSRU	rad	0.00100857	0.00724968	-0.0280376	0.032189
PITCH_FSRU	rad	1.66764E-05	0.00175142	-0.00570721	0.00588902
YAW_FSRU	rad	0.0131704	0.0145321	-0.0284691	0.049562
WaveHeight-COG	m	-0.00030594	0.724151	-2.88099	2.80788
windSpeed	ms-1	18.7957	2.0504	13.041	24.5638
FairleadTension1	kN	129.441	47.0929	64.1093	406.308
FairleadTension2	kN	120.294	44.5017	63.7904	388.962
FairleadTension3	kN	161.067	90.7165	61.3031	639.852
FairleadTension4	kN	167.936	90.3404	61.5366	635.704
FairleadTension5	kN	645.076	199.738	194.18	1474.28
FairleadTension6	kN	692.396	225.698	190.836	1589.1
FairleadTension7	kN	922.546	225.995	344	1855.92
FairleadTension8	kN	834.27	196.013	337.514	1636.49
AnchorTension1	kN	104.015	47.0641	39.4094	380.153
AnchorTension2	kN	94.8677	44.474	39.0905	362.806
AnchorTension3	kN	138.876	90.7078	39.3981	617.71
AnchorTension4	kN	145.746	90.3307	39.6333	613.53
AnchorTension5	kN	619.693	199.731	169.142	1448.92
AnchorTension6	kN	667.015	225.694	165.798	1563.76
AnchorTension7	kN	891.792	225.971	313.855	1825.15
AnchorTension8	kN	803.51	195.984	307.368	1605.71
xManExc	m	-4.36265	0.478328	-5.94198	-2.77367
yManExc	m	6.73118	1.54682	2.2433	10.4713
zManExc	m	-13.0905	0.147603	-13.6515	-12.5194
xFairLeadML6	m	-4.25156	0.535093	-5.96378	-2.60384
yFairLeadML6	m	8.11386	2.39225	1.49343	14.5135
zFairLeadML6	m	-13.1018	0.286677	-14.0361	-12.1611
xFairLeadML10	m	-4.38712	0.466153	-5.86878	-2.83037
yFairLeadML10	m	5.2441	1.98695	-0.0653507	10.7386
zFairLeadML10	m	-13.0846	0.166557	-13.7645	-12.3596
xFairLeadML12	m	-4.25661	0.528531	-5.92333	-2.63717
yFairLeadML12	m	4.60794	2.50585	-1.66457	11.8547
zFairLeadML12	m	-13.093	0.1966	-13.8113	-12.358

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name	units	mean	std	min	max
xCOG_FSRU	m	3.4451	0.724088	1.06704	5.39114
yCOG_FSRU	m	6.47288	1.29341	2.49728	10.4715
zCOG_FSRU	m	9.18842	0.0836633	8.89149	9.48414
xREF_FSRU	m	-0.0447017	0.72328	-2.32772	1.92563
yREF_FSRU	m	6.49912	1.29218	2.43534	10.5682
zREF_FSRU	m	-10.8112	0.0790529	-11.0923	-10.5322
ROLL_FSRU	rad	0.00361085	0.00379334	-0.00807359	0.0163121
PITCH_FSRU	rad	2.22823E-05	0.00183846	-0.00621124	0.00617447
YAW_FSRU	rad	0.0131756	0.0152114	-0.0286264	0.0497277
WaveHeight-COG	m	-0.000182605	0.747398	-2.87951	3.02884
windSpeed	ms-1	19.5956	2.12941	13.5923	25.609
FairleadTension1	kN	121.207	48.2882	62.3467	433.341
FairleadTension2	kN	111.926	44.4742	62.0684	404.801
FairleadTension3	kN	156.088	101.298	58.4448	808.35
FairleadTension4	kN	163.253	101.997	58.6115	781.593
FairleadTension5	kN	691.344	235.337	173.506	1561.5
FairleadTension6	kN	743.907	263.205	171.478	1685.22
FairleadTension7	kN	994.56	260.304	393.292	1801.19
FairleadTension8	kN	898.247	232.35	366.955	1657.47
AnchorTension1	kN	97.5487	48.2546	39.3379	409.358
AnchorTension2	kN	88.2664	44.4416	39.0622	380.803
AnchorTension3	kN	135.664	101.288	38.6758	787.649
AnchorTension4	kN	142.829	101.985	38.8424	760.858
AnchorTension5	kN	667.783	235.324	150.243	1537.58
AnchorTension6	kN	720.348	263.194	148.204	1661.34
AnchorTension7	kN	965.629	260.282	365.132	1771.79
AnchorTension8	kN	869.311	232.325	338.927	1628.06
xManExc	m	-3.78662	0.595091	-5.55404	-2.01267
yManExc	m	6.78775	1.31801	3.13269	10.7051
zManExc	m	-19.9441	0.14462	-20.4637	-19.4025
xFairLeadML6	m	-3.6773	0.639729	-5.72004	-1.81093
yFairLeadML6	m	8.21517	2.24878	1.43145	14.3443
zFairLeadML6	m	-19.9823	0.311295	-21.0245	-18.9518
xFairLeadML10	m	-3.8107	0.585344	-5.55067	-2.05532
yFairLeadML10	m	5.34432	1.94843	-0.318974	10.702
zFairLeadML10	m	-19.9287	0.129014	-20.3667	-19.5065
xFairLeadML12	m	-3.67971	0.631834	-5.54901	-1.83901
yFairLeadML12	m	4.71256	2.54919	-2.04319	11.9144
zFairLeadML12	m	-19.9608	0.194902	-20.6104	-19.2927

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name	units	mean	std	min	max
xCOG_FSRU	m	4.00362	0.791709	0.795654	6.67881
yCOG_FSRU	m	6.84632	1.76575	1.76686	10.9078
zCOG_FSRU	m	3.74107	0.081259	3.45451	4.02303
xREF_FSRU	m	-0.0627801	0.791866	-3.29239	2.6465
yREF_FSRU	m	6.80609	1.77604	1.4931	11.1281
zREF_FSRU	m	-9.35829	0.0752041	-9.62206	-9.09724
ROLL_FSRU	rad	0.0010841	0.00902108	-0.0304487	0.0341603
PITCH_FSRU	rad	1.80507E-05	0.00192192	-0.00692604	0.00651366
YAW_FSRU	rad	0.0133865	0.0181307	-0.0409181	0.0612161
WaveHeight-COG	m	-0.000139691	0.747636	-2.98373	3.02659
windSpeed	ms-1	19.5956	2.12941	13.5923	25.609
FairleadTension1	kN	131.647	65.2578	63.5355	608.644
FairleadTension2	kN	122.422	61.7714	63.2625	587.487
FairleadTension3	kN	166.938	123.345	60.3732	1119.56
FairleadTension4	kN	173.08	121.5	60.5556	1113.77
FairleadTension5	kN	696.115	253.671	161.44	2043.43
FairleadTension6	kN	751.495	286.793	155.749	2303.52
FairleadTension7	kN	999.584	286.139	244.3	2349.89
FairleadTension8	kN	901.281	250.678	250.186	2230.6
AnchorTension1	kN	106.221	65.2341	38.8468	582.725
AnchorTension2	kN	96.9954	61.749	38.5907	561.567
AnchorTension3	kN	144.748	123.338	38.3327	1097.08
AnchorTension4	kN	150.89	121.492	38.4916	1091.29
AnchorTension5	kN	670.735	253.666	136.507	2017.95
AnchorTension6	kN	726.118	286.791	130.797	2278.08
AnchorTension7	kN	968.836	286.116	213.86	2319.27
AnchorTension8	kN	870.527	250.651	219.743	2199.97
xManExc	m	-4.38954	0.603443	-7.05313	-2.35568
yManExc	m	7.17852	1.81066	1.93454	11.4753
zManExc	m	-13.0897	0.1747	-13.81	-12.3966
xFairLeadML6	m	-4.28276	0.67435	-7.22521	-1.99835
yFairLeadML6	m	8.58555	2.86917	-1.99155	17.1414
zFairLeadML6	m	-13.1017	0.31526	-14.1771	-11.9587
xFairLeadML10	m	-4.40775	0.587671	-7.01721	-2.38669
yFairLeadML10	m	5.66785	2.43919	-2.23844	13.4292
zFairLeadML10	m	-13.0831	0.203902	-13.7978	-12.3365
xFairLeadML12	m	-4.27226	0.660514	-7.14205	-1.91314
yFairLeadML12	m	5.02205	3.11214	-4.61818	14.8586
zFairLeadML12	m	-13.0921	0.222253	-13.8657	-12.3079

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name	units	mean	std	min	max
xCOG_FSRU	m	3.79514	0.537465	2.29871	5.53189
yCOG_FSRU	m	10.4309	2.47552	5.76501	15.1494
zCOG_FSRU	m	9.18653	0.070295	8.94179	9.41115
xREF_FSRU	m	0.304164	0.536644	-1.17874	2.01636
yREF_FSRU	m	10.5169	2.42934	5.87119	15.2535
zREF_FSRU	m	-10.8123	0.0665848	-11.0437	-10.5951
ROLL_FSRU	rad	0.00737729	0.00765437	-0.0133774	0.0273591
PITCH_FSRU	rad	1.50954E-05	0.00147059	-0.00530665	0.00513221
YAW_FSRU	rad	0.0176253	0.011612	-0.0115568	0.0454318
WaveHeight-COG	m	-0.000230995	0.54898	-2.10047	2.26855
windSpeed	ms-1	20.4956	2.21764	14.2139	26.7825
FairleadTension1	kN	79.9181	22.2722	61.2277	173.835
FairleadTension2	kN	75.4821	18.8536	60.9905	158.586
FairleadTension3	kN	96.281	34.9767	59.0818	251.057
FairleadTension4	kN	104.732	38.1362	59.3408	266.742
FairleadTension5	kN	1272.48	398.54	420.626	2383.54
FairleadTension6	kN	1390.68	436.064	449.025	2595.57
FairleadTension7	kN	1554.35	444.698	633.088	2664.53
FairleadTension8	kN	1363.25	376.525	555.446	2359.38
AnchorTension1	kN	56.2168	22.2352	38.2442	149.723
AnchorTension2	kN	51.7806	18.818	38.0071	134.48
AnchorTension3	kN	75.8176	34.9594	39.1635	230.488
AnchorTension4	kN	84.2691	38.1187	39.424	246.052
AnchorTension5	kN	1248.99	398.536	397.371	2359.59
AnchorTension6	kN	1367.19	436.062	425.772	2571.6
AnchorTension7	kN	1525.49	444.697	604.935	2635.69
AnchorTension8	kN	1334.37	376.519	527.288	2330.87
xManExc	m	-3.5205	0.36483	-4.74172	-2.21999
yManExc	m	10.8238	2.64987	5.76411	15.5721
zManExc	m	-19.8751	0.177377	-20.4028	-19.3108
xFairLeadML6	m	-3.36978	0.430345	-4.66827	-1.93573
yFairLeadML6	m	12.7765	3.42398	5.23959	19.6863
zFairLeadML6	m	-19.9495	0.259644	-20.8738	-19.0268
xFairLeadML10	m	-3.55896	0.351487	-4.75724	-2.30652
yFairLeadML10	m	8.93613	2.20902	3.90078	14.729
zFairLeadML10	m	-19.8466	0.188016	-20.4709	-19.2973
xFairLeadML12	m	-3.3862	0.433841	-4.66352	-1.88989
yFairLeadML12	m	8.09549	2.25557	2.60853	14.5579
zFairLeadML12	m	-19.9136	0.180027	-20.645	-19.3038

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name	units	mean	std	min	max
xCOG_FSRU	m	4.31064	0.776365	2.06843	6.33408
yCOG_FSRU	m	11.0102	2.27959	5.78459	15.9633
zCOG_FSRU	m	3.73898	0.0667907	3.50904	3.95364
xREF_FSRU	m	0.244321	0.776891	-1.98067	2.27201
yREF_FSRU	m	10.9682	2.27552	5.59901	16.0953
zREF_FSRU	m	-9.36044	0.061841	-9.57352	-9.1599
ROLL_FSRU	rad	0.00201576	0.00885285	-0.025555	0.029215
PITCH_FSRU	rad	5.94296E-06	0.0015549	-0.00560327	0.00544859
YAW_FSRU	rad	0.0168334	0.0176471	-0.030827	0.05951
WaveHeight-COG	m	-0.000155345	0.548989	-2.11454	2.26027
windSpeed	ms-1	20.4956	2.21764	14.2139	26.7825
FairleadTension1	kN	86.482	30.2735	63.0574	310.141
FairleadTension2	kN	81.2236	26.4242	62.7797	284.933
FairleadTension3	kN	112.714	67.2023	60.2403	541.047
FairleadTension4	kN	121.116	71.6597	60.4943	547.554
FairleadTension5	kN	1269.01	352.426	537.207	2174.71
FairleadTension6	kN	1394.97	394.098	573.357	2418.7
FairleadTension7	kN	1563.26	398.788	726.612	2599.92
FairleadTension8	kN	1371.08	340.577	651.069	2332.76
AnchorTension1	kN	61.0442	30.2552	38.2225	284.488
AnchorTension2	kN	55.7855	26.4069	37.9589	259.279
AnchorTension3	kN	90.5158	67.1959	38.2356	518.892
AnchorTension4	kN	98.9178	71.6529	38.4604	525.399
AnchorTension5	kN	1243.68	352.437	512.166	2148.91
AnchorTension6	kN	1369.64	394.112	548.313	2392.91
AnchorTension7	kN	1532.56	398.793	696.09	2569.05
AnchorTension8	kN	1340.37	340.576	620.545	2301.81
xManExc	m	-4.14866	0.463877	-5.58379	-2.81839
yManExc	m	11.4168	2.38894	6.17947	16.486
zManExc	m	-13.0738	0.162625	-13.6869	-12.5272
xFairLeadML6	m	-4.01197	0.594732	-5.87141	-2.46542
yFairLeadML6	m	13.1968	3.43873	4.75466	21.5679
zFairLeadML6	m	-13.0939	0.255705	-14.0181	-12.1738
xFairLeadML10	m	-4.17416	0.435771	-5.48486	-2.87353
yFairLeadML10	m	9.52837	2.58415	3.03286	16.3476
zFairLeadML10	m	-13.0654	0.197289	-13.7378	-12.3942
xFairLeadML12	m	-4.0049	0.593269	-5.65213	-2.31767
yFairLeadML12	m	8.71717	3.09048	0.63092	17.1881
zFairLeadML12	m	-13.0836	0.191424	-13.7441	-12.3821

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name	units	mean	std	min	max
xCOG_FSRU	m	3.74461	0.816877	1.35313	6.15394
yCOG_FSRU	m	11.0723	3.14849	4.94586	17.0693
zCOG_FSRU	m	9.18608	0.078232	8.91631	9.43575
xREF_FSRU	m	0.253867	0.815174	-2.10203	2.66347
yREF_FSRU	m	11.169	3.09674	5.21976	17.2708
zREF_FSRU	m	-10.8125	0.0740177	-11.0678	-10.5739
ROLL_FSRU	rad	0.00779779	0.00850125	-0.0131046	0.0284524
PITCH_FSRU	rad	0.000016269	0.00165439	-0.00586357	0.00583636
YAW_FSRU	rad	0.0169762	0.0182957	-0.0318657	0.0674338
WaveHeight-COG	m	-0.000351213	0.575368	-2.20205	2.37008
windSpeed	ms-1	21.3955	2.30517	14.8379	27.9536
FairleadTension1	kN	86.109	38.4074	60.8663	379.501
FairleadTension2	kN	81.2423	33.9944	60.6135	349.56
FairleadTension3	kN	107.778	71.0365	58.3649	608.034
FairleadTension4	kN	115.685	75.34	58.5821	604.356
FairleadTension5	kN	1383.3	514.493	446.199	2555.21
FairleadTension6	kN	1517.13	566.707	451.983	2871.19
FairleadTension7	kN	1694.11	572.146	673.196	2961.32
FairleadTension8	kN	1488.52	489.325	603.144	2623.57
AnchorTension1	kN	62.4041	38.3792	37.9115	355.531
AnchorTension2	kN	57.5372	33.9675	37.6618	325.59
AnchorTension3	kN	87.3111	71.0239	38.2219	587.629
AnchorTension4	kN	95.2178	75.3272	38.4518	583.919
AnchorTension5	kN	1359.82	514.492	422.949	2531.75
AnchorTension6	kN	1493.66	566.709	428.733	2847.88
AnchorTension7	kN	1665.26	572.15	644.454	2932.33
AnchorTension8	kN	1459.66	489.322	574.397	2594.55
xManExc	m	-3.5611	0.511375	-5.20096	-1.89876
yManExc	m	11.4409	3.33558	5.43033	17.4696
zManExc	m	-19.8678	0.197003	-20.5226	-19.1685
xFairLeadML6	m	-3.42617	0.635023	-5.41871	-1.51146
yFairLeadML6	m	13.3343	4.41416	3.58091	23.2509
zFairLeadML6	m	-19.9463	0.29073	-20.9476	-18.8343
xFairLeadML10	m	-3.5872	0.485162	-5.153	-1.92421
yFairLeadML10	m	9.6343	3.1253	1.98042	17.5915
zFairLeadML10	m	-19.8375	0.210662	-20.4809	-19.1481
xFairLeadML12	m	-3.41611	0.635473	-5.25318	-1.34695
yFairLeadML12	m	8.82694	3.4505	-0.273345	17.983
zFairLeadML12	m	-19.9083	0.203163	-20.6241	-19.1453

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name	units	mean	std	min	max
xCOG_FSRU	m	4.36178	0.725292	2.20922	6.21933
yCOG_FSRU	m	11.7474	2.17474	7.35312	16.6508
zCOG_FSRU	m	3.73864	0.0735945	3.4907	3.98351
xREF_FSRU	m	0.295383	0.725837	-1.82978	2.19318
yREF_FSRU	m	11.7014	2.17479	7.16517	16.9785
zREF_FSRU	m	-9.3606	0.0680152	-9.58545	-9.13036
ROLL_FSRU	rad	0.00216638	0.0102026	-0.0310755	0.0356806
PITCH_FSRU	rad	6.53406E-06	0.00176237	-0.00634391	0.00629557
YAW_FSRU	rad	0.0182769	0.0160626	-0.0217926	0.0550413
WaveHeight-COG	m	-0.000242404	0.575419	-2.24571	2.36957
windSpeed	ms-1	21.3955	2.30517	14.8379	27.9536
FairleadTension1	kN	79.4861	21.056	62.8512	203.069
FairleadTension2	kN	75.115	17.5719	62.5939	183.82
FairleadTension3	kN	103.679	51.6536	60.1829	398.485
FairleadTension4	kN	111.809	56.4774	60.4369	414.312
FairleadTension5	kN	1372.81	353.099	551.85	2413.81
FairleadTension6	kN	1510.18	393.995	565.614	2705.95
FairleadTension7	kN	1691	397.144	807.82	2990.31
FairleadTension8	kN	1478.85	342.264	715.914	2692.43
AnchorTension1	kN	54.0469	21.0265	38.2338	176.99
AnchorTension2	kN	49.6755	17.5442	37.9704	157.739
AnchorTension3	kN	81.4794	51.6412	38.5045	376.036
AnchorTension4	kN	89.6099	56.4644	38.7369	391.863
AnchorTension5	kN	1347.48	353.107	526.606	2388.46
AnchorTension6	kN	1484.86	394.007	540.371	2680.61
AnchorTension7	kN	1660.31	397.144	777.325	2959.94
AnchorTension8	kN	1448.14	342.256	685.358	2662.07
xManExc	m	-4.12464	0.450622	-5.62898	-2.83377
yManExc	m	12.1895	2.26143	7.40126	17.1056
zManExc	m	-13.0716	0.187027	-13.7935	-12.4143
xFairLeadML6	m	-3.97353	0.560637	-5.78783	-2.50975
yFairLeadML6	m	14.1217	3.15877	6.30025	21.2319
zFairLeadML6	m	-13.093	0.288241	-14.1936	-12.0104
xFairLeadML10	m	-4.15541	0.428669	-5.51084	-2.90858
yFairLeadML10	m	10.1388	2.47427	4.0363	16.3824
zFairLeadML10	m	-13.0623	0.229422	-13.7959	-12.2824
xFairLeadML12	m	-3.97294	0.566799	-5.66316	-2.40064
yFairLeadML12	m	9.25784	2.93133	1.61087	16.9328
zFairLeadML12	m	-13.0818	0.22078	-13.827	-12.3374

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name	units	mean	std	min	max
xCOG_FSRU	m	3.60989	0.940489	0.646893	5.74004
yCOG_FSRU	m	-5.38844	1.72327	-9.79319	-0.641633
zCOG_FSRU	m	9.19444	0.0538422	9.01421	9.37486
xREF_FSRU	m	0.120861	0.937704	-2.82996	2.20913
yREF_FSRU	m	-5.48643	1.70122	-9.9282	-0.569596
zREF_FSRU	m	-10.8044	0.0509818	-10.9744	-10.6333
ROLL_FSRU	rad	-0.0060564	0.00899904	-0.0267451	0.0173327
PITCH_FSRU	rad	-9.25323E-06	0.0011559	-0.00407648	0.00408321
YAW_FSRU	rad	-0.00661943	0.0219368	-0.0666263	0.0520955
WaveHeight-COG	m	-0.000253958	0.375424	-1.50866	1.49898
windSpeed	ms-1	20.3956	2.20787	14.1447	26.6522
FairleadTension1	kN	1189.93	352.27	261.503	2751.1
FairleadTension2	kN	1277.84	381.328	267.907	2909.01
FairleadTension3	kN	1153.59	383.958	177.341	2614.72
FairleadTension4	kN	1087.67	346.906	193.767	2491.83
FairleadTension5	kN	198.424	234.102	23.9025	1473.16
FairleadTension6	kN	193.166	236.508	23.796	1490.67
FairleadTension7	kN	103.756	117.851	24.9383	1148.86
FairleadTension8	kN	109.906	119.96	25.082	1127.91
AnchorTension1	kN	1185.47	352.053	257.389	2745.51
AnchorTension2	kN	1273.33	381.08	263.805	2903.3
AnchorTension3	kN	1149.8	383.835	173.705	2609.98
AnchorTension4	kN	1083.9	346.803	190.134	2487.16
AnchorTension5	kN	194.166	234.096	19.7052	1468.42
AnchorTension6	kN	188.909	236.499	19.5977	1485.91
AnchorTension7	kN	98.5559	117.846	19.9032	1143.12
AnchorTension8	kN	104.706	119.954	20.0504	1122.2
xManExc	m	-3.2497	1.33259	-7.08122	-0.243407
yManExc	m	-5.50725	1.91998	-10.786	-0.708949
zManExc	m	-20.1204	0.188428	-20.654	-19.6048
xFairLeadML6	m	-3.34392	1.1046	-6.7682	-0.964723
yFairLeadML6	m	-6.29207	3.56671	-16.2097	3.05791
zFairLeadML6	m	-20.0579	0.210408	-20.8107	-19.3453
xFairLeadML10	m	-3.1973	1.42153	-7.1296	0.0593627
yFairLeadML10	m	-4.85576	2.35671	-10.9656	0.723723
zFairLeadML10	m	-20.1417	0.212174	-20.7769	-19.5777
xFairLeadML12	m	-3.24547	1.23393	-6.73401	-0.364946
yFairLeadML12	m	-4.54209	3.18949	-12.6398	3.0613
zFairLeadML12	m	-20.0863	0.169125	-20.7383	-19.4733

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name	units	mean	std	min	max
xCOG_FSRU	m	4.41504	0.502664	2.95956	5.62087
yCOG_FSRU	m	-5.48139	0.957361	-7.70568	-3.55806
zCOG_FSRU	m	3.74776	0.0499613	3.57754	3.92472
xREF_FSRU	m	0.348531	0.502889	-1.11197	1.54843
yREF_FSRU	m	-5.45889	0.943632	-7.64988	-3.44835
zREF_FSRU	m	-9.3522	0.0462745	-9.50799	-9.19082
ROLL_FSRU	rad	-0.00162504	0.00355468	-0.0142199	0.0115421
PITCH_FSRU	rad	-1.74635E-05	0.00121855	-0.00447004	0.00425718
YAW_FSRU	rad	-0.0107667	0.0112288	-0.0357518	0.016811
WaveHeight-COG	m	-0.000226527	0.375436	-1.51029	1.45526
windSpeed	ms-1	20.3956	2.20787	14.1447	26.6522
FairleadTension1	kN	1129.49	183.76	665.625	1648.87
FairleadTension2	kN	1225.15	203.068	732.844	1800.16
FairleadTension3	kN	1105.72	190.955	624.42	1701.88
FairleadTension4	kN	1051.24	176.631	603.515	1616.18
FairleadTension5	kN	138.053	96.8102	28.2495	498.606
FairleadTension6	kN	127.84	91.9357	26.1958	478.418
FairleadTension7	kN	61.0851	30.5963	26.6083	225.426
FairleadTension8	kN	66.3896	32.7507	27.4042	238.49
AnchorTension1	kN	1124.63	183.619	661.088	1643.52
AnchorTension2	kN	1220.2	202.903	728.3	1794.67
AnchorTension3	kN	1101.54	190.869	620.377	1697.31
AnchorTension4	kN	1047.09	176.558	599.471	1611.67
AnchorTension5	kN	133.418	96.8105	23.6559	493.935
AnchorTension6	kN	123.205	91.936	21.6019	473.811
AnchorTension7	kN	55.5167	30.5941	21.0856	219.803
AnchorTension8	kN	60.8211	32.7484	21.8722	232.866
xManExc	m	-3.51873	0.704965	-5.47872	-1.95183
yManExc	m	-5.74189	1.10431	-8.1849	-3.45253
zManExc	m	-13.1326	0.0853103	-13.4736	-12.7987
xFairLeadML6	m	-3.639	0.583971	-5.32505	-2.30549
yFairLeadML6	m	-6.88281	2.01817	-11.2089	-2.06472
zFairLeadML6	m	-13.1144	0.196719	-13.7974	-12.3965
xFairLeadML10	m	-3.46715	0.755237	-5.50678	-1.80314
yFairLeadML10	m	-4.54083	1.09358	-7.10384	-1.96307
zFairLeadML10	m	-13.1402	0.0995975	-13.4963	-12.7879
xFairLeadML12	m	-3.56029	0.660048	-5.36043	-2.05997
yFairLeadML12	m	-4.01936	1.4787	-7.09118	-0.791962
zFairLeadML12	m	-13.1261	0.136567	-13.6375	-12.622

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name	units	mean	std	min	max
xCOG_FSRU	m	3.53804	1.04708	1.20669	6.3455
yCOG_FSRU	m	-5.72187	1.61151	-8.96366	-1.99223
zCOG_FSRU	m	9.19429	0.064023	8.96779	9.42086
xREF_FSRU	m	0.0490264	1.04377	-2.24895	2.81413
yREF_FSRU	m	-5.83164	1.60464	-9.17744	-1.81424
zREF_FSRU	m	-10.8043	0.0604922	-11.0178	-10.5948
ROLL_FSRU	rad	-0.00646688	0.00990076	-0.0285126	0.0165729
PITCH_FSRU	rad	-8.7687E-06	0.00143383	-0.00539324	0.0051201
YAW_FSRU	rad	-0.00559176	0.0240283	-0.0538712	0.0455859
WaveHeight-COG	m	-0.00021009	0.424685	-1.69796	1.71227
windSpeed	ms-1	21.0955	2.27607	14.6296	27.5635
FairleadTension1	kN	1271.6	352.338	369.599	2241.52
FairleadTension2	kN	1363.14	371.605	405.608	2355.13
FairleadTension3	kN	1223.82	402.764	226.862	2202.27
FairleadTension4	kN	1150.2	357.065	234.779	2043.56
FairleadTension5	kN	212.322	265.245	24.2287	1107.81
FairleadTension6	kN	206.164	262.366	24.1085	1093.1
FairleadTension7	kN	101.92	111.517	25.1334	711.375
FairleadTension8	kN	108.809	115.502	25.2765	717.338
AnchorTension1	kN	1267.1	352.104	365.464	2236.35
AnchorTension2	kN	1358.57	371.349	401.47	2349.88
AnchorTension3	kN	1220	402.629	223.241	2197.99
AnchorTension4	kN	1146.41	356.956	231.157	2039.37
AnchorTension5	kN	208.063	265.235	20.0326	1103.3
AnchorTension6	kN	201.905	262.357	19.9208	1088.69
AnchorTension7	kN	96.7188	111.518	19.8913	706.172
AnchorTension8	kN	103.608	115.504	20.0311	712.131
xManExc	m	-3.34205	1.47889	-6.44609	0.301849
yManExc	m	-5.80905	1.74036	-9.40479	-2.11835
zManExc	m	-20.1285	0.211086	-20.7796	-19.5327
xFairLeadML6	m	-3.43047	1.22786	-6.13915	-0.365922
yFairLeadML6	m	-6.49388	3.51195	-14.6544	1.42299
zFairLeadML6	m	-20.0617	0.254597	-21.0382	-19.1282
xFairLeadML10	m	-3.28855	1.57617	-6.47248	0.575813
yFairLeadML10	m	-5.28206	2.64691	-10.1974	0.0312681
zFairLeadML10	m	-20.1509	0.237136	-20.7658	-19.4903
xFairLeadML12	m	-3.32523	1.36992	-6.12848	0.173922
yFairLeadML12	m	-5.0186	3.64381	-11.3439	1.50092
zFairLeadML12	m	-20.0917	0.199918	-20.786	-19.3487

ballasted_90degN_RP100yr

name	units	mean	std	min	max
xCOG_FSRU	m	4.41512	0.586561	2.49146	6.23333
yCOG_FSRU	m	-5.82307	0.995824	-8.4256	-3.33192
zCOG_FSRU	m	3.74764	0.05874	3.53492	3.96559
xREF_FSRU	m	0.348661	0.586874	-1.5693	2.16845
yREF_FSRU	m	-5.80123	0.985537	-8.40178	-3.23446
zREF_FSRU	m	-9.35228	0.0542163	-9.54731	-9.15275
ROLL_FSRU	rad	-0.00173038	0.00417355	-0.016818	0.0138575
PITCH_FSRU	rad	-1.69462E-05	0.00152695	-0.00578666	0.00545903
YAW_FSRU	rad	-0.0109426	0.0125492	-0.0431689	0.0272198
WaveHeight-COG	m	-0.000173017	0.4247	-1.70659	1.66145
windSpeed	ms-1	21.0955	2.27607	14.6296	27.5635
FairleadTension1	kN	1197.88	209.475	508.544	1960.8
FairleadTension2	kN	1299.38	226.572	566.949	2092.4
FairleadTension3	kN	1172.6	221.617	521.854	1819.25
FairleadTension4	kN	1112.21	205.449	516.03	1721.42
FairleadTension5	kN	138.122	110.336	25.2337	843.076
FairleadTension6	kN	127.891	104.747	25.0939	819.322
FairleadTension7	kN	58.6641	32.3316	26.0764	295.088
FairleadTension8	kN	63.8852	34.8011	26.2687	315.062
AnchorTension1	kN	1192.96	209.308	504.105	1955.03
AnchorTension2	kN	1294.38	226.383	562.5	2086.51
AnchorTension3	kN	1168.39	221.508	517.835	1814.58
AnchorTension4	kN	1108.03	205.356	512.017	1716.77
AnchorTension5	kN	133.487	110.336	20.6496	838.378
AnchorTension6	kN	123.256	104.747	20.5095	814.635
AnchorTension7	kN	53.0952	32.3288	20.5178	289.484
AnchorTension8	kN	58.3163	34.7983	20.7099	309.454
xManExc	m	-3.51577	0.806139	-6.08179	-1.11177
yManExc	m	-6.08673	1.1362	-8.65052	-3.57974
zManExc	m	-13.1348	0.103043	-13.5494	-12.7135
xFairLeadML6	m	-3.6397	0.674249	-5.87284	-1.63933
yFairLeadML6	m	-7.24743	2.13251	-12.3444	-1.89474
zFairLeadML6	m	-13.1156	0.243072	-14.0048	-12.1682
xFairLeadML10	m	-3.46155	0.861145	-6.12402	-0.863716
yFairLeadML10	m	-4.86748	1.26459	-8.12121	-1.52033
zFairLeadML10	m	-13.1426	0.125079	-13.6283	-12.6823
xFairLeadML12	m	-3.55543	0.757032	-5.9014	-1.21318
yFairLeadML12	m	-4.33746	1.72651	-9.40049	-0.369796
zFairLeadML12	m	-13.1275	0.174184	-13.7769	-12.4907

loaded_270degN_RP50yr

name	units	mean	std	min	max
xCOG_FSRU	m	3.59312	1.77914	-3.18736	10.1855
yCOG_FSRU	m	9.05513	2.12238	2.9362	15.2838
zCOG_FSRU	m	9.19292	0.0999319	8.80859	9.56963
xREF_FSRU	m	0.103116	1.77265	-6.65024	6.71789
yREF_FSRU	m	9.20374	2.12852	3.11202	15.4514
zREF_FSRU	m	-10.803	0.0933974	-11.1632	-10.4579
ROLL_FSRU	rad	0.0092183	0.0178553	-0.049011	0.0738739
PITCH_FSRU	rad	-8.84279E-06	0.00275641	-0.0103608	0.0097015
YAW_FSRU	rad	0.0102	0.0354543	-0.103854	0.118229
WaveHeight-COG	m	-0.000478816	0.627692	-2.43796	2.55763
windSpeed	ms-1	25.5952	2.70467	17.779	33.4187
FairleadTension1	kN	86.607	185.545	22.6	2294.19
FairleadTension2	kN	77.6	169.416	22.4983	2213.98
FairleadTension3	kN	246.577	421.883	21.5885	3465.53
FairleadTension4	kN	251.125	409.96	21.6971	3179.68
FairleadTension5	kN	1695.85	652.763	33.1482	5909.39
FairleadTension6	kN	1808.15	713.458	29.5032	6219.62
FairleadTension7	kN	2058.09	647.887	402.054	5175.61
FairleadTension8	kN	1903.04	639.34	342.523	5063.05
AnchorTension1	kN	82.3152	185.508	18.4439	2288.61
AnchorTension2	kN	73.308	169.385	18.3493	2208.44
AnchorTension3	kN	242.853	421.812	17.8987	3460.42
AnchorTension4	kN	247.402	409.899	18.0086	3174.94
AnchorTension5	kN	1691.01	652.319	29.0571	5901.63
AnchorTension6	kN	1803.22	712.971	25.4605	6211.73
AnchorTension7	kN	2051.46	647.179	396.814	5166.11
AnchorTension8	kN	1896.58	638.636	337.408	5053.63
xManExc	m	-3.59424	1.30516	-9.98075	1.69441
yManExc	m	9.21339	2.20853	3.72638	15.6415
zManExc	m	-19.8349	0.371458	-21.2746	-18.5522
xFairLeadML6	m	-3.56605	1.51507	-10.0685	2.17652
yFairLeadML6	m	10.434	4.78962	-4.51719	27.4945
zFairLeadML6	m	-19.9227	0.465517	-21.6812	-18.1562
xFairLeadML10	m	-3.55468	1.24128	-9.91084	1.77056
yFairLeadML10	m	8.20315	3.99739	-4.07857	19.9308
zFairLeadML10	m	-19.8002	0.438919	-21.3469	-18.2055
xFairLeadML12	m	-3.42799	1.453	-10.0034	2.59608
yFairLeadML12	m	7.73248	5.53124	-7.97059	24.0894
zFairLeadML12	m	-19.8851	0.389173	-21.4376	-18.5839

ballasted_270degN_RP50yr

name	units	mean	std	min	max
xCOG_FSRU	m	4.60034	1.07993	0.132254	7.74106
yCOG_FSRU	m	9.16614	1.36201	5.4613	13.183
zCOG_FSRU	m	3.74623	0.0907973	3.3978	4.09803
xREF_FSRU	m	0.53446	1.0815	-3.93477	3.61105
yREF_FSRU	m	9.12998	1.38059	5.36543	13.4924
zREF_FSRU	m	-9.35288	0.0823488	-9.66883	-9.03746
ROLL_FSRU	rad	0.00264622	0.0113542	-0.0373437	0.0434845
PITCH_FSRU	rad	-1.54024E-05	0.00299146	-0.0112043	0.0107487
YAW_FSRU	rad	0.0174159	0.0210112	-0.0487341	0.0777537
WaveHeight-COG	m	-0.000210543	0.627733	-2.47745	2.55766
windSpeed	ms-1	25.5952	2.70467	17.779	33.4187
FairleadTension1	kN	34.5931	34.7876	23.8175	532.866
FairleadTension2	kN	32.25	29.1648	23.7036	471.284
FairleadTension3	kN	133.405	194.051	22.8831	1766.7
FairleadTension4	kN	145.006	203.457	22.9937	1766.73
FairleadTension5	kN	1647.45	388.762	282.473	3172.17
FairleadTension6	kN	1744.23	422.263	266.12	3430.13
FairleadTension7	kN	1964.04	389.009	689.168	3289.74
FairleadTension8	kN	1793.98	381.1	576.38	3166.58
AnchorTension1	kN	29.947	34.7855	19.3227	528.235
AnchorTension2	kN	27.6035	29.1627	19.2119	466.654
AnchorTension3	kN	129.323	194.045	18.928	1762.08
AnchorTension4	kN	140.924	203.45	19.0185	1762.1
AnchorTension5	kN	1642.14	388.431	277.798	3165.38
AnchorTension6	kN	1738.84	421.902	261.416	3423.15
AnchorTension7	kN	1956.86	388.515	683.794	3280.8
AnchorTension8	kN	1787.02	380.608	571.053	3158.11
xManExc	m	-3.87214	0.77969	-7.38248	-1.11346
yManExc	m	9.57487	1.44338	5.587	13.895
zManExc	m	-13.0547	0.227295	-13.8876	-12.1884
xFairLeadML6	m	-3.73762	0.903583	-7.77441	-0.876598
yFairLeadML6	m	11.4269	2.95816	2.38806	19.3519
zFairLeadML6	m	-13.0783	0.454465	-14.7034	-11.321
xFairLeadML10	m	-3.89059	0.751901	-7.19609	-1.24761
yFairLeadML10	m	7.63045	2.37556	0.241132	15.1931
zFairLeadML10	m	-13.0459	0.315217	-14.2513	-11.8391
xFairLeadML12	m	-3.71218	0.892621	-7.47689	-0.82871
yFairLeadML12	m	6.79306	3.26293	-2.89023	17.4484
zFairLeadML12	m	-13.0709	0.377424	-14.4987	-11.7266

loaded_270degN_RP100yr

name	units	mean	std	min	max
xCOG_FSRU	m	3.76023	1.71684	-2.80581	9.32532
yCOG_FSRU	m	9.70995	2.33204	3.6655	16.9442
zCOG_FSRU	m	9.19285	0.109475	8.76758	9.6077
xREF_FSRU	m	0.269687	1.71223	-6.22463	5.84509
yREF_FSRU	m	9.85794	2.32137	3.42027	17.2526
zREF_FSRU	m	-10.8027	0.101818	-11.1986	-10.4196
ROLL_FSRU	rad	0.00972906	0.0185266	-0.043414	0.068253
PITCH_FSRU	rad	-7.68828E-06	0.00324445	-0.0122744	0.0117412
YAW_FSRU	rad	0.0133092	0.0324768	-0.0855528	0.0996522
WaveHeight-COG	m	-0.000180027	0.678707	-2.65338	2.78873
windSpeed	ms-1	26.5952	2.79765	18.4858	34.7156
FairleadTension1	kN	63.6028	132.105	22.789	1881.89
FairleadTension2	kN	57.5342	121.32	22.6789	1780.35
FairleadTension3	kN	203.041	349.998	21.8965	2579.48
FairleadTension4	kN	215.467	362.877	21.9926	2550.88
FairleadTension5	kN	1802.63	684.845	36.2713	4522.81
FairleadTension6	kN	1928.67	730.895	33.4879	4761.15
FairleadTension7	kN	2183.4	687.208	207.033	4620.71
FairleadTension8	kN	2005.15	672.114	177.366	4494.29
AnchorTension1	kN	59.3115	132.089	18.677	1876.48
AnchorTension2	kN	53.242	121.306	18.5848	1775.03
AnchorTension3	kN	199.322	349.952	18.2506	2574.87
AnchorTension4	kN	211.747	362.829	18.348	2546.29
AnchorTension5	kN	1797.71	684.365	31.9589	4515.7
AnchorTension6	kN	1923.67	730.377	29.2227	4754.2
AnchorTension7	kN	2176.64	686.463	201.998	4612.04
AnchorTension8	kN	1998.57	671.379	172.316	4485.06
xManExc	m	-3.48398	1.31043	-9.13364	1.42583
yManExc	m	9.9482	2.49169	3.14259	17.0527
zManExc	m	-19.8256	0.391842	-21.2269	-18.5019
xFairLeadML6	m	-3.41844	1.48101	-9.52065	1.77133
yFairLeadML6	m	11.499	4.78343	-4.66035	25.0373
zFairLeadML6	m	-19.9183	0.53388	-21.8581	-18.0025
xFairLeadML10	m	-3.46278	1.26512	-8.89237	1.38207
yFairLeadML10	m	8.59183	3.7066	-2.30108	19.6225
zFairLeadML10	m	-19.7886	0.468141	-21.2092	-18.3515
xFairLeadML12	m	-3.31058	1.44496	-9.17835	1.86484
yFairLeadML12	m	7.97052	5.02671	-6.35168	22.2901
zFairLeadML12	m	-19.8781	0.443226	-21.4386	-18.2945

ballasted_270degN_RP100yr

name	units	mean	std	min	max
xCOG_FSRU	m	4.61341	1.23512	-0.738423	7.71581
yCOG_FSRU	m	9.86615	1.50619	5.23244	14.8568
zCOG_FSRU	m	3.74597	0.0998949	3.36609	4.13298
xREF_FSRU	m	0.547718	1.23745	-4.82805	3.64493
yREF_FSRU	m	9.82967	1.52948	4.868	15.1125
zREF_FSRU	m	-9.35293	0.0903017	-9.69128	-9.00769
ROLL_FSRU	rad	0.00283869	0.0124744	-0.0425017	0.0499575
PITCH_FSRU	rad	-1.34728E-05	0.00351469	-0.0126917	0.0126795
YAW_FSRU	rad	0.0181161	0.0235822	-0.0621329	0.0860086
WaveHeight-COG	m	0.000110865	0.678865	-2.66252	2.74135
windSpeed	ms-1	26.5952	2.79765	18.4858	34.7156
FairleadTension1	kN	34.472	41.2748	23.4458	797.279
FairleadTension2	kN	32.0737	34.4026	23.3265	701.951
FairleadTension3	kN	141.245	223.116	22.4481	1638.05
FairleadTension4	kN	152.375	229.94	22.5498	1646.57
FairleadTension5	kN	1778.39	453.36	320.785	3583.75
FairleadTension6	kN	1885.1	489.443	294.648	3750.3
FairleadTension7	kN	2123.69	454.845	849.48	3937.79
FairleadTension8	kN	1941.37	447.499	720.993	3679.7
AnchorTension1	kN	29.8251	41.2727	19.1322	792.509
AnchorTension2	kN	27.4265	34.4008	19.013	697.226
AnchorTension3	kN	137.161	223.105	18.5092	1633.54
AnchorTension4	kN	148.29	229.928	18.6092	1642.06
AnchorTension5	kN	1772.96	452.975	316.092	3576.93
AnchorTension6	kN	1879.58	489.027	289.921	3743.39
AnchorTension7	kN	2116.32	454.285	844.208	3928.16
AnchorTension8	kN	1934.23	446.936	715.512	3670.91
xManExc	m	-3.87402	0.911466	-8.02802	-0.983929
yManExc	m	10.2885	1.5797	5.85537	15.5559
zManExc	m	-13.0516	0.252569	-14.0282	-12.142
xFairLeadML6	m	-3.74006	1.04428	-8.60324	-0.743791
yFairLeadML6	m	12.2169	3.26525	2.58533	21.4104
zFairLeadML6	m	-13.0771	0.526276	-14.9939	-11.1394
xFairLeadML10	m	-3.88688	0.881973	-7.80177	-1.05112
yFairLeadML10	m	8.26724	2.69034	0.120106	16.7355
zFairLeadML10	m	-13.0417	0.364931	-14.6177	-11.4741
xFairLeadML12	m	-3.69861	1.03259	-8.15852	-0.753862
yFairLeadML12	m	7.39701	3.69429	-3.64572	19.7989
zFairLeadML12	m	-13.0683	0.447898	-14.8556	-11.3255

loaded_300degN_RP50yr

name	units	mean	std	min	max
xCOG_FSRU	m	3.11555	1.56525	-0.364969	7.05646
yCOG_FSRU	m	6.39897	1.35079	2.17566	10.303
zCOG_FSRU	m	9.1936	0.0770393	8.89493	9.48562
xREF_FSRU	m	-0.371189	1.55964	-3.81015	3.55325
yREF_FSRU	m	6.5654	1.38802	2.14418	10.7107
zREF_FSRU	m	-10.8044	0.071792	-11.0814	-10.5339
ROLL_FSRU	rad	0.00686609	0.0123657	-0.0264199	0.0383647
PITCH_FSRU	rad	-1.09029E-05	0.00222497	-0.00841202	0.00809355
YAW_FSRU	rad	-0.00838342	0.0340165	-0.0781249	0.065553
WaveHeight-COG	m	-0.000114686	0.477754	-1.86178	1.9274
windSpeed	ms-1	23.9953	2.5542	16.6531	31.3384
FairleadTension1	kN	208.592	274.681	23.5454	1635.42
FairleadTension2	kN	192.815	258.082	23.4341	1646.03
FairleadTension3	kN	194.095	311.712	22.2294	1617.49
FairleadTension4	kN	200.722	316.966	22.3342	1611.7
FairleadTension5	kN	1423.65	472.829	227.002	2689.94
FairleadTension6	kN	1534.94	547.729	213.817	2959.3
FairleadTension7	kN	1394.99	409.123	282.227	2776.63
FairleadTension8	kN	1317.21	425.678	248.068	2737.18
AnchorTension1	kN	204.311	274.666	19.4022	1630.56
AnchorTension2	kN	188.534	258.068	19.3032	1641.16
AnchorTension3	kN	190.389	311.693	18.6394	1613.45
AnchorTension4	kN	197.016	316.948	18.7444	1607.66
AnchorTension5	kN	1419.01	472.517	222.724	2684.56
AnchorTension6	kN	1530.21	547.358	209.701	2953.44
AnchorTension7	kN	1389.09	408.659	277.091	2768.83
AnchorTension8	kN	1311.39	425.206	242.945	2729.42
xManExc	m	-3.72096	1.01665	-6.57551	-1.06771
yManExc	m	6.08006	1.33598	2.31521	10.9213
zManExc	m	-19.8775	0.26473	-20.6663	-19.0937
xFairLeadML6	m	-3.86844	1.32259	-7.03143	-0.682645
yFairLeadML6	m	5.33633	4.15255	-5.22926	17.1481
zFairLeadML6	m	-19.9433	0.366968	-21.3008	-18.601
xFairLeadML10	m	-3.62121	0.898785	-6.33588	-1.09987
yFairLeadML10	m	7.15082	3.66011	-0.653969	14.7904
zFairLeadML10	m	-19.853	0.31368	-20.7567	-18.9262
xFairLeadML12	m	-3.66834	1.13678	-6.61082	-0.472783
yFairLeadML12	m	7.57696	5.24256	-3.2806	18.1813
zFairLeadML12	m	-19.9165	0.300258	-20.9352	-18.8515

ballasted_300degN_RP50yr

name	units	mean	std	min	max
xCOG_FSRU	m	3.72056	1.21212	0.0843434	6.7551
yCOG_FSRU	m	6.28464	1.04464	3.46151	9.35257
zCOG_FSRU	m	3.747	0.0700887	3.47983	4.01962
xREF_FSRU	m	-0.344591	1.21145	-3.94211	2.73817
yREF_FSRU	m	6.34377	1.10493	3.2779	9.55541
zREF_FSRU	m	-9.3526	0.0635159	-9.5925	-9.10862
ROLL_FSRU	rad	0.00191078	0.00794027	-0.0272163	0.0309504
PITCH_FSRU	rad	-1.76559E-05	0.00239662	-0.00884246	0.00879959
YAW_FSRU	rad	-0.0083898	0.0250821	-0.0720036	0.0578842
WaveHeight-COG	m	6.08285E-06	0.47778	-1.88	1.93422
windSpeed	ms-1	23.9953	2.5542	16.6531	31.3384
FairleadTension1	kN	139.061	162.941	24.6116	1025.15
FairleadTension2	kN	127.002	151.905	24.5056	989.684
FairleadTension3	kN	110.851	182.803	22.8085	1501.06
FairleadTension4	kN	117.167	189.21	22.9042	1476.19
FairleadTension5	kN	1356.81	357.305	347.028	2559.43
FairleadTension6	kN	1468.57	414.338	364.874	2743.71
FairleadTension7	kN	1313.19	336.004	414.468	2574.34
FairleadTension8	kN	1235.84	352.705	357.442	2557.98
AnchorTension1	kN	134.418	162.937	20.0095	1020.39
AnchorTension2	kN	122.359	151.901	19.9054	984.948
AnchorTension3	kN	106.77	182.799	18.8127	1496.61
AnchorTension4	kN	113.086	189.206	18.9134	1471.76
AnchorTension5	kN	1351.74	357.02	342.353	2553.2
AnchorTension6	kN	1463.41	413.999	360.208	2737.35
AnchorTension7	kN	1306.84	335.571	408.956	2566.23
AnchorTension8	kN	1229.58	352.262	351.931	2549.89
xManExc	m	-4.26488	0.805415	-7.08552	-1.81572
yManExc	m	6.01887	0.921697	3.20781	9.24712
zManExc	m	-13.0671	0.166033	-13.6605	-12.4468
xFairLeadML6	m	-4.38473	1.03563	-7.74935	-1.71197
yFairLeadML6	m	5.18683	2.88337	-2.15109	14.4113
zFairLeadML6	m	-13.0837	0.360648	-14.3704	-11.7189
xFairLeadML10	m	-4.19473	0.717377	-6.8309	-1.86403
yFairLeadML10	m	7.00757	2.86281	0.119111	13.6198
zFairLeadML10	m	-13.0618	0.238235	-14.0659	-12.0458
xFairLeadML12	m	-4.25471	0.894718	-7.16029	-1.7285
yFairLeadML12	m	7.42216	4.03946	-2.65195	17.0121
zFairLeadML12	m	-13.0802	0.300883	-14.2623	-11.9034

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name	units	mean	std	min	max
xCOG_FSRU	m	3.13139	1.58132	-1.07634	7.69456
yCOG_FSRU	m	6.7134	1.61625	1.07128	12.6359
zCOG_FSRU	m	9.19353	0.081469	8.87737	9.5065
xREF_FSRU	m	-0.355398	1.57619	-4.55071	4.26517
yREF_FSRU	m	6.88353	1.63459	1.01785	12.8624
zREF_FSRU	m	-10.8044	0.0755974	-11.0932	-10.5192
ROLL_FSRU	rad	0.00713977	0.0125447	-0.0246438	0.0414372
PITCH_FSRU	rad	-8.54005E-06	0.00252217	-0.00915378	0.00922665
YAW_FSRU	rad	-0.00787407	0.0341563	-0.0951978	0.0787479
WaveHeight-COG	m	-0.000119972	0.500643	-1.96136	2.06791
windSpeed	ms-1	24.5953	2.61087	17.0746	32.1193
FairleadTension1	kN	199.396	284.526	23.485	1874.94
FairleadTension2	kN	185.486	271.005	23.3963	1861.48
FairleadTension3	kN	179.366	319.847	21.9866	2426.74
FairleadTension4	kN	186.261	324.823	22.1091	2413.83
FairleadTension5	kN	1477.82	498.194	200.683	3255.22
FairleadTension6	kN	1597.49	568.847	195.38	3607.57
FairleadTension7	kN	1443.61	468.487	269.122	4011.89
FairleadTension8	kN	1366.53	469.718	248.401	3489.41
AnchorTension1	kN	195.11	284.495	19.272	1869.93
AnchorTension2	kN	181.2	270.976	19.1779	1856.49
AnchorTension3	kN	175.656	319.814	18.3616	2422.38
AnchorTension4	kN	182.551	324.791	18.4818	2409.49
AnchorTension5	kN	1473.14	497.859	196.377	3249.35
AnchorTension6	kN	1592.72	568.454	191.006	3601.49
AnchorTension7	kN	1437.64	467.973	263.875	4003.4
AnchorTension8	kN	1360.65	469.206	243.149	3481.24
xManExc	m	-3.71475	1.03917	-7.6181	-0.581863
yManExc	m	6.40523	1.66524	0.83692	12.586
zManExc	m	-19.8725	0.273454	-20.7241	-18.9505
xFairLeadML6	m	-3.85731	1.34223	-7.8643	-0.137172
yFairLeadML6	m	5.71892	4.36472	-5.71687	17.7557
zFairLeadML6	m	-19.9412	0.407546	-21.4076	-18.4235
xFairLeadML10	m	-3.61668	0.923474	-7.48648	-0.554503
yFairLeadML10	m	7.42249	3.69793	-1.94323	17.7539
zFairLeadML10	m	-19.8467	0.327808	-20.8901	-18.8498
xFairLeadML12	m	-3.65906	1.15685	-7.68673	0.156307
yFairLeadML12	m	7.82442	5.24798	-5.13879	22.2715
zFairLeadML12	m	-19.9126	0.333007	-21.0498	-18.7086

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name	units	mean	std	min	max
xCOG_FSRU	m	3.71944	1.27441	-0.0875198	7.12401
yCOG_FSRU	m	6.58239	1.05888	3.26859	9.80824
zCOG_FSRU	m	3.74685	0.0744683	3.46363	4.03487
xREF_FSRU	m	-0.345597	1.27416	-4.11933	3.06964
yREF_FSRU	m	6.643	1.12614	3.05131	10.1856
zREF_FSRU	m	-9.35267	0.0673028	-9.60598	-9.0964
ROLL_FSRU	rad	0.00200372	0.0085166	-0.0331735	0.0374178
PITCH_FSRU	rad	-1.54235E-05	0.00271025	-0.00974386	0.0100954
YAW_FSRU	rad	-0.00845616	0.0263009	-0.0753202	0.0577325
WaveHeight-COG	m	0.000041301	0.50057	-1.95477	2.06685
windSpeed	ms-1	24.5953	2.61087	17.0746	32.1193
FairleadTension1	kN	137.231	164.305	24.3956	1231.31
FairleadTension2	kN	124.927	152.702	24.2941	1168.85
FairleadTension3	kN	113.073	184.531	22.7102	1600.54
FairleadTension4	kN	119.791	191.287	22.8016	1598.08
FairleadTension5	kN	1418.19	365.463	370.903	2661.97
FairleadTension6	kN	1535.16	425.799	366.541	2909.1
FairleadTension7	kN	1374.11	344.374	414.95	2581.28
FairleadTension8	kN	1299.03	363.465	382.702	2592.53
AnchorTension1	kN	132.588	164.3	19.7709	1226.29
AnchorTension2	kN	120.283	152.698	19.6711	1163.92
AnchorTension3	kN	108.991	184.526	18.7884	1596.22
AnchorTension4	kN	115.71	191.282	18.8823	1593.77
AnchorTension5	kN	1413.07	365.167	366.364	2655.93
AnchorTension6	kN	1529.94	425.447	361.986	2902.86
AnchorTension7	kN	1367.68	343.929	409.38	2573.04
AnchorTension8	kN	1292.7	363.001	377.132	2584.28
xManExc	m	-4.26559	0.839591	-7.26401	-1.95499
yManExc	m	6.31248	0.912494	3.12373	8.96026
zManExc	m	-13.0656	0.180044	-13.7388	-12.3514
xFairLeadML6	m	-4.38951	1.08719	-7.92917	-1.58782
yFairLeadML6	m	5.47555	2.99141	-2.69969	14.1824
zFairLeadML6	m	-13.0834	0.402683	-14.5357	-11.6656
xFairLeadML10	m	-4.1915	0.744762	-6.82624	-1.98163
yFairLeadML10	m	7.31017	3.00144	0.563265	14.0744
zFairLeadML10	m	-13.0597	0.268595	-14.4288	-11.9525
xFairLeadML12	m	-4.25051	0.935998	-7.25279	-1.48891
yFairLeadML12	m	7.72847	4.24044	-1.63955	17.3776
zFairLeadML12	m	-13.0788	0.3442	-14.5606	-11.7956

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name	units	mean	std	min	max
xCOG_FSRU	m	4.2126	0.405613	3.03413	5.62282
yCOG_FSRU	m	-4.47129	1.04416	-6.74796	-2.48413
zCOG_FSRU	m	9.19376	0.0538244	9.01333	9.37342
xREF_FSRU	m	0.722724	0.404904	-0.456568	2.0898
yREF_FSRU	m	-4.56629	1.03161	-6.88501	-2.44351
zREF_FSRU	m	-10.805	0.0509548	-10.9753	-10.6344
ROLL_FSRU	rad	-0.00626361	0.00888764	-0.027901	0.0130662
PITCH_FSRU	rad	3.89092E-06	0.00115375	-0.00410428	0.00407241
YAW_FSRU	rad	-0.00867217	0.00874519	-0.0292173	0.0177175
WaveHeight-COG	m	-0.000247945	0.37544	-1.50959	1.47271
windSpeed	ms-1	20.3956	2.20787	14.1447	26.6522
FairleadTension1	kN	756.881	146.115	365.817	1313.06
FairleadTension2	kN	831.826	170.693	385.996	1456.31
FairleadTension3	kN	870.256	183.539	396.836	1524.87
FairleadTension4	kN	1137.05	215.228	593.157	2017.74
FairleadTension5	kN	1094.79	206.24	573.857	1947.73
FairleadTension6	kN	183.873	93.1574	41.2015	566.775
FairleadTension7	kN	168.628	88.5101	37.6034	548.297
FairleadTension8	kN	58.4372	29.8177	25.7185	199.929
AnchorTension1	kN	752.65	146.081	361.575	1308.51
AnchorTension2	kN	827.573	170.637	381.755	1451.65
AnchorTension3	kN	865.988	183.471	392.594	1520.16
AnchorTension4	kN	1133.3	215.15	589.431	2013.53
AnchorTension5	kN	1091.05	206.17	570.124	1943.56
AnchorTension6	kN	179.617	93.1575	36.9527	562.475
AnchorTension7	kN	164.372	88.5101	33.354	543.997
AnchorTension8	kN	53.2372	29.8146	20.6391	194.674
xManExc	m	-2.60297	0.557792	-4.25347	-0.909448
yManExc	m	-4.64027	1.2135	-7.26076	-2.38452
zManExc	m	-20.1254	0.186504	-20.6129	-19.5823
xFairLeadML6	m	-2.69857	0.468122	-4.10158	-1.20103
yFairLeadML6	m	-5.64317	1.96019	-9.97172	-0.704423
zFairLeadML6	m	-20.0621	0.209754	-20.8272	-19.3388
xFairLeadML10	m	-2.56485	0.592766	-4.28895	-0.836414
yFairLeadML10	m	-3.75715	0.839277	-6.34274	-1.80416
zFairLeadML10	m	-20.1459	0.209798	-20.7532	-19.6275
xFairLeadML12	m	-2.64101	0.51967	-4.13614	-1.03768
yFairLeadML12	m	-3.34574	0.997092	-6.40795	-0.910441
zFairLeadML12	m	-20.0879	0.167937	-20.6976	-19.4868

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name	units	mean	std	min	max
xCOG_FSRU	m	4.80831	0.30055	3.81997	5.67301
yCOG_FSRU	m	-4.63077	0.691927	-6.12689	-2.89215
zCOG_FSRU	m	3.74681	0.0499656	3.57662	3.92375
xREF_FSRU	m	0.741388	0.300726	-0.234801	1.60837
yREF_FSRU	m	-4.61569	0.681382	-6.17335	-2.78993
zREF_FSRU	m	-9.35308	0.0462826	-9.50888	-9.19174
ROLL_FSRU	rad	-0.00166743	0.00359031	-0.0142602	0.01147
PITCH_FSRU	rad	-1.37941E-06	0.00121822	-0.00445939	0.00429579
YAW_FSRU	rad	-0.00908038	0.00660453	-0.0268997	0.010254
WaveHeight-COG	m	-0.000225191	0.375455	-1.50741	1.44623
windSpeed	ms-1	20.3956	2.20787	14.1447	26.6522
FairleadTension1	kN	751.269	97.2646	476.771	1041.9
FairleadTension2	kN	831.416	114.183	522.456	1153.13
FairleadTension3	kN	869.333	123.038	545.52	1207.86
FairleadTension4	kN	1134.25	149.968	740.59	1593.78
FairleadTension5	kN	1090.68	142.306	720.873	1511.81
FairleadTension6	kN	180.05	74.3091	61.3163	474.572
FairleadTension7	kN	165.225	70.5427	56.061	448.234
FairleadTension8	kN	55.6035	17.4849	27.2351	129.88
AnchorTension1	kN	746.625	97.2349	472.21	1037.1
AnchorTension2	kN	826.742	114.13	517.896	1148.2
AnchorTension3	kN	864.639	122.974	540.954	1202.89
AnchorTension4	kN	1130.07	149.893	736.562	1589.34
AnchorTension5	kN	1086.52	142.239	716.85	1507.43
AnchorTension6	kN	175.415	74.3084	56.7233	469.934
AnchorTension7	kN	160.589	70.542	51.4693	443.595
AnchorTension8	kN	50.0356	17.481	21.7932	124.303
xManExc	m	-3.15552	0.416396	-4.39423	-1.98642
yManExc	m	-4.8444	0.793382	-6.54396	-2.9981
zManExc	m	-13.1348	0.0854426	-13.4703	-12.8074
xFairLeadML6	m	-3.25316	0.347702	-4.33478	-2.28611
yFairLeadML6	m	-5.81209	1.33385	-9.225	-2.43944
zFairLeadML6	m	-13.1179	0.196604	-13.8056	-12.4041
xFairLeadML10	m	-3.11669	0.443531	-4.41821	-1.87952
yFairLeadML10	m	-3.83632	0.660348	-5.9234	-2.01556
zFairLeadML10	m	-13.1407	0.100026	-13.4968	-12.7979
xFairLeadML12	m	-3.19716	0.388373	-4.34742	-2.09698
yFairLeadML12	m	-3.39738	0.837106	-5.81574	-1.32433
zFairLeadML12	m	-13.1254	0.136649	-13.6394	-12.6152

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name	units	mean	std	min	max
xCOG_FSRU	m	4.24116	0.469156	2.09536	5.77618
yCOG_FSRU	m	-4.76505	1.07037	-7.11051	-1.976
zCOG_FSRU	m	9.19367	0.0640186	8.96897	9.41878
xREF_FSRU	m	0.751195	0.468495	-1.3788	2.28504
yREF_FSRU	m	-4.86701	1.05929	-7.23075	-1.96391
zREF_FSRU	m	-10.8049	0.0604883	-11.0163	-10.596
ROLL_FSRU	rad	-0.00667652	0.00955978	-0.0293566	0.0150706
PITCH_FSRU	rad	4.28346E-06	0.0014307	-0.00541164	0.00510639
YAW_FSRU	rad	-0.00904451	0.00961202	-0.044525	0.0211676
WaveHeight-COG	m	-0.000216865	0.424671	-1.70711	1.65769
windSpeed	ms-1	21.0955	2.27607	14.6296	27.5635
FairleadTension1	kN	797.975	161.46	375.001	1289.39
FairleadTension2	kN	878.429	187.166	394.033	1402.75
FairleadTension3	kN	920.216	199.769	403.4	1468.97
FairleadTension4	kN	1201.81	237.376	476.749	1920.7
FairleadTension5	kN	1153.78	229.352	478.67	1829.57
FairleadTension6	kN	180.783	105.977	25.3036	885.281
FairleadTension7	kN	165.348	100.584	25.1328	859.573
FairleadTension8	kN	55.2871	30.7251	25.3161	288.447
AnchorTension1	kN	793.735	161.415	370.955	1284.71
AnchorTension2	kN	874.159	187.096	389.912	1397.98
AnchorTension3	kN	915.929	199.684	399.28	1464.31
AnchorTension4	kN	1198.03	237.282	473.142	1916.45
AnchorTension5	kN	1150.02	229.267	475.062	1825.37
AnchorTension6	kN	176.526	105.977	21.0868	881
AnchorTension7	kN	161.091	100.584	20.9157	855.302
AnchorTension8	kN	50.0851	30.7217	20.1765	283.232
xManExc	m	-2.56762	0.630188	-5.20584	-0.415041
yManExc	m	-4.93995	1.24493	-8.09706	-1.97438
zManExc	m	-20.1334	0.205276	-20.8624	-19.4811
xFairLeadML6	m	-2.66825	0.534521	-5.04268	-0.944145
yFairLeadML6	m	-5.9882	2.05067	-12.6968	-0.793583
zFairLeadML6	m	-20.0659	0.25305	-21.0702	-19.1296
xFairLeadML10	m	-2.52698	0.667798	-5.23572	-0.161857
yFairLeadML10	m	-4.02142	0.925297	-7.10957	-0.9369
zFairLeadML10	m	-20.1551	0.230218	-20.8139	-19.4829
xFairLeadML12	m	-2.60601	0.58982	-5.076	-0.515829
yFairLeadML12	m	-3.59247	1.14237	-7.38521	-0.150637
zFairLeadML12	m	-20.0934	0.196997	-20.7619	-19.363

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name	units	mean	std	min	max
xCOG_FSRU	m	4.84336	0.386877	3.10986	6.3251
yCOG_FSRU	m	-4.93183	0.808172	-7.67527	-2.1083
zCOG_FSRU	m	3.7467	0.058741	3.53445	3.96432
xREF_FSRU	m	0.776459	0.387234	-0.956671	2.25731
yREF_FSRU	m	-4.91625	0.794789	-7.62994	-2.10925
zREF_FSRU	m	-9.35316	0.0542221	-9.54758	-9.15371
ROLL_FSRU	rad	-0.00177477	0.00415933	-0.0170349	0.013969
PITCH_FSRU	rad	-9.59087E-07	0.00152655	-0.00576788	0.00542454
YAW_FSRU	rad	-0.00954881	0.0078392	-0.031978	0.0184819
WaveHeight-COG	m	-0.000180273	0.424708	-1.71414	1.63923
windSpeed	ms-1	21.0955	2.27607	14.6296	27.5635
FairleadTension1	kN	791.594	125.121	309.558	1473.11
FairleadTension2	kN	877.547	144.624	319.933	1604.42
FairleadTension3	kN	921.294	158.34	326.201	1979.86
FairleadTension4	kN	1199.19	189.162	488.431	2144.38
FairleadTension5	kN	1152.14	181.233	465.663	2066.04
FairleadTension6	kN	177.222	85.3419	45.9565	593.17
FairleadTension7	kN	162.044	80.4095	42.5309	553.68
FairleadTension8	kN	53.2144	21.4869	26.0076	232.237
AnchorTension1	kN	786.933	125.07	304.92	1468.01
AnchorTension2	kN	872.845	144.548	315.295	1599.2
AnchorTension3	kN	916.568	158.246	321.568	1974.23
AnchorTension4	kN	1194.97	189.063	484.39	2139.62
AnchorTension5	kN	1147.94	181.143	461.621	2061.34
AnchorTension6	kN	172.587	85.341	41.4348	588.528
AnchorTension7	kN	157.409	80.4086	38.009	549.038
AnchorTension8	kN	47.6461	21.4828	20.5817	226.593
xManExc	m	-3.11194	0.514394	-4.90302	-1.45303
yManExc	m	-5.15632	0.93377	-8.50675	-1.70642
zManExc	m	-13.137	0.102762	-13.5623	-12.7052
xFairLeadML6	m	-3.21573	0.437862	-4.89251	-1.66336
yFairLeadML6	m	-6.17416	1.58681	-11.8253	-0.583865
zFairLeadML6	m	-13.119	0.242968	-14.0077	-12.1647
xFairLeadML10	m	-3.06995	0.545182	-4.88359	-1.36762
yFairLeadML10	m	-4.09665	0.755626	-6.35718	-1.99548
zFairLeadML10	m	-13.1432	0.124796	-13.6176	-12.6831
xFairLeadML12	m	-3.15407	0.48332	-4.85575	-1.534
yFairLeadML12	m	-3.635	0.965235	-6.40547	-1.16605
zFairLeadML12	m	-13.1269	0.174084	-13.7728	-12.4922

loaded_270degN_RP50yr

name	units	mean	std	min	max
xCOG_FSRU	m	4.53888	0.894237	1.09578	7.50867
yCOG_FSRU	m	7.46846	1.3819	3.39034	11.2091
zCOG_FSRU	m	9.19244	0.0997398	8.81129	9.56733
xREF_FSRU	m	1.04788	0.893712	-2.42564	3.94663
yREF_FSRU	m	7.61437	1.38967	3.54115	11.5083
zREF_FSRU	m	-10.8039	0.0931308	-11.1605	-10.4596
ROLL_FSRU	rad	0.00954843	0.0164286	-0.0275477	0.0514951
PITCH_FSRU	rad	6.48022E-06	0.00275696	-0.0104634	0.00975254
YAW_FSRU	rad	0.0128936	0.0177353	-0.0558055	0.0599012
WaveHeight-COG	m	-0.000444787	0.627736	-2.46739	2.55248
windSpeed	ms-1	25.5952	2.70467	17.779	33.4187
FairleadTension1	kN	35.0221	37.3656	23.5034	633.282
FairleadTension2	kN	33.2098	34.4346	23.4118	612.575
FairleadTension3	kN	32.4116	32.8566	23.3729	598.245
FairleadTension4	kN	162.969	204.941	23.1534	1514.6
FairleadTension5	kN	180.43	215.566	23.2652	1563.32
FairleadTension6	kN	1679.11	423.042	216.324	3229.42
FairleadTension7	kN	1758.22	447.419	204.007	3389.31
FairleadTension8	kN	1418.7	343.445	412.862	2691.75
AnchorTension1	kN	30.7337	37.364	19.3584	629.02
AnchorTension2	kN	28.9207	34.4333	19.2646	608.313
AnchorTension3	kN	28.1218	32.8554	19.2231	593.984
AnchorTension4	kN	159.26	204.937	19.4645	1510.42
AnchorTension5	kN	176.721	215.561	19.5907	1559.11
AnchorTension6	kN	1674.3	422.732	212.284	3223.33
AnchorTension7	kN	1753.35	447.089	199.966	3383.12
AnchorTension8	kN	1412.79	343.049	407.855	2684.43
xManExc	m	-2.68779	0.682882	-5.71954	-0.351074
yManExc	m	7.70529	1.54228	3.70734	11.4056
zManExc	m	-19.8294	0.347479	-20.9206	-18.797
xFairLeadML6	m	-2.5866	0.771337	-5.82727	-0.0696037
yFairLeadML6	m	9.20641	2.8507	-0.461432	16.6448
zFairLeadML6	m	-19.9224	0.461405	-21.6466	-18.2359
xFairLeadML10	m	-2.70745	0.66004	-5.71702	-0.46347
yFairLeadML10	m	6.39426	1.92802	0.490243	12.1098
zFairLeadML10	m	-19.7921	0.409964	-21.154	-18.6171
xFairLeadML12	m	-2.57726	0.749189	-5.78892	0.0217011
yFairLeadML12	m	5.78879	2.60597	-1.77318	14.8333
zFairLeadML12	m	-19.8793	0.378007	-21.4679	-18.4878

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name	units	mean	std	min	max
xCOG_FSRU	m	5.11923	0.844564	0.622483	7.73494
yCOG_FSRU	m	7.63118	1.09604	4.35093	10.953
zCOG_FSRU	m	3.74534	0.090675	3.39815	4.0978
xREF_FSRU	m	1.0527	0.846178	-3.3965	3.69005
yREF_FSRU	m	7.61409	1.12149	4.08702	11.1876
zREF_FSRU	m	-9.35372	0.0822391	-9.66871	-9.03658
ROLL_FSRU	rad	0.00272442	0.0112005	-0.0386389	0.0437521
PITCH_FSRU	rad	1.75208E-06	0.00298634	-0.0111655	0.0108739
YAW_FSRU	rad	0.0129793	0.0175641	-0.0563521	0.0632293
WaveHeight-COG	m	-0.000215601	0.62768	-2.48089	2.54907
windSpeed	ms-1	25.5952	2.70467	17.779	33.4187
FairleadTension1	kN	33.2875	28.4318	24.1351	690.369
FairleadTension2	kN	31.5637	25.2043	24.0286	626
FairleadTension3	kN	30.8226	23.5797	23.9778	592.186
FairleadTension4	kN	168.232	210.135	23.0387	1570.53
FairleadTension5	kN	184.568	216.633	23.124	1583.54
FairleadTension6	kN	1672.38	377.556	181.719	3588.42
FairleadTension7	kN	1751.88	409.819	171.736	3805.4
FairleadTension8	kN	1416.15	294.765	378.155	2554.5
AnchorTension1	kN	28.6417	28.4285	19.7427	685.649
AnchorTension2	kN	26.9177	25.2012	19.6143	621.285
AnchorTension3	kN	26.1764	23.5766	19.5568	587.467
AnchorTension4	kN	164.149	210.126	19.1979	1566.12
AnchorTension5	kN	180.485	216.624	19.2843	1579.07
AnchorTension6	kN	1667.05	377.236	176.913	3581.88
AnchorTension7	kN	1746.48	409.472	166.951	3798.72
AnchorTension8	kN	1409.68	294.375	372.756	2546.31
xManExc	m	-3.26576	0.62574	-7.03667	-0.889529
yManExc	m	7.92265	1.12701	4.52555	11.0766
zManExc	m	-13.0545	0.22581	-13.9587	-12.1427
xFairLeadML6	m	-3.16183	0.720957	-7.31074	-0.67359
yFairLeadML6	m	9.31553	2.34827	0.354784	15.8872
zFairLeadML6	m	-13.0807	0.454085	-14.7252	-11.2763
xFairLeadML10	m	-3.28409	0.600051	-6.856	-0.933229
yFairLeadML10	m	6.48628	2.04582	-0.136579	14.0207
zFairLeadML10	m	-13.0436	0.31197	-14.2232	-11.8287
xFairLeadML12	m	-3.153	0.692603	-7.07815	-0.696063
yFairLeadML12	m	5.8633	2.80587	-3.09445	15.9932
zFairLeadML12	m	-13.0684	0.375642	-14.4987	-11.7171

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name	units	mean	std	min	max
xCOG_FSRU	m	4.49405	1.14519	-0.00473304	8.02703
yCOG_FSRU	m	8.07593	1.52274	4.35955	13.5653
zCOG_FSRU	m	9.1921	0.109407	8.76788	9.60674
xREF_FSRU	m	1.00311	1.14393	-3.538	4.43855
yREF_FSRU	m	8.23813	1.54101	3.81777	13.9764
zREF_FSRU	m	-10.8033	0.101818	-11.1958	-10.4197
ROLL_FSRU	rad	0.01013	0.0186358	-0.0393797	0.0658068
PITCH_FSRU	rad	0.000008797	0.0032376	-0.012041	0.0116665
YAW_FSRU	rad	0.0115514	0.0237329	-0.0643518	0.0861248
WaveHeight-COG	m	-0.000199475	0.678881	-2.66695	2.74184
windSpeed	ms-1	26.5952	2.79765	18.4858	34.7156
FairleadTension1	kN	40.4861	65.6331	23.2079	1283.66
FairleadTension2	kN	38.0738	61.1351	23.1369	1260.69
FairleadTension3	kN	36.9551	58.644	23.1034	1241.66
FairleadTension4	kN	201.47	295.776	22.4074	2071.68
FairleadTension5	kN	216.918	302.238	22.5051	2047.04
FairleadTension6	kN	1818.52	514.682	264.77	5032.21
FairleadTension7	kN	1913.7	551.866	244.48	5237.36
FairleadTension8	kN	1550.06	412.491	379.962	4318.59
AnchorTension1	kN	36.1949	65.6287	19.1203	1279
AnchorTension2	kN	33.7819	61.1309	19.0474	1256.05
AnchorTension3	kN	32.6625	58.6401	19.0123	1237.04
AnchorTension4	kN	197.756	295.755	18.8904	2067.56
AnchorTension5	kN	213.205	302.217	18.9885	2042.94
AnchorTension6	kN	1813.61	514.311	260.737	5024.97
AnchorTension7	kN	1908.71	551.464	240.452	5230.01
AnchorTension8	kN	1544	412.021	374.869	4309.72
xManExc	m	-2.71002	0.851795	-6.88707	1.31816
yManExc	m	8.26676	1.63269	4.44579	13.6556
zManExc	m	-19.8193	0.393371	-20.8733	-18.6097
xFairLeadML6	m	-2.63387	0.981922	-6.77093	1.10624
yFairLeadML6	m	9.64018	3.35172	-1.51773	20.0391
zFairLeadML6	m	-19.9176	0.533059	-21.8375	-18.0021
xFairLeadML10	m	-2.71276	0.813639	-6.96026	1.28761
yFairLeadML10	m	7.11841	2.65157	-0.630792	15.3684
zFairLeadML10	m	-19.7789	0.470774	-21.0993	-18.3499
xFairLeadML12	m	-2.58965	0.936824	-6.80854	1.16891
yFairLeadML12	m	6.58066	3.65362	-3.92868	17.9482
zFairLeadML12	m	-19.8713	0.443954	-21.3306	-18.3451

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name	units	mean	std	min	max
xCOG_FSRU	m	5.15418	0.977576	1.73857	8.01005
yCOG_FSRU	m	8.22636	1.17155	4.52485	11.3992
zCOG_FSRU	m	3.74505	0.0998603	3.36499	4.13176
xREF_FSRU	m	1.0878	0.980241	-2.32109	4.05383
yREF_FSRU	m	8.21153	1.20687	4.30672	11.962
zREF_FSRU	m	-9.35382	0.0902941	-9.6943	-9.00957
ROLL_FSRU	rad	0.00292308	0.0122613	-0.0463094	0.0513347
PITCH_FSRU	rad	3.93609E-06	0.00349974	-0.0127211	0.0130961
YAW_FSRU	rad	0.0130608	0.0201218	-0.0523967	0.0675423
WaveHeight-COG	m	9.81128E-05	0.678999	-2.67401	2.74409
windSpeed	ms-1	26.5952	2.79765	18.4858	34.7156
FairleadTension1	kN	32.37	22.0393	23.7426	284.481
FairleadTension2	kN	30.7057	18.6384	23.6432	248.443
FairleadTension3	kN	29.9951	17.0199	23.6012	230.14
FairleadTension4	kN	180.539	240.393	23.1789	1778.79
FairleadTension5	kN	198.89	256.987	23.2879	2043.24
FairleadTension6	kN	1804.99	420.213	387.838	3462.55
FairleadTension7	kN	1893.57	457.545	403.498	3681.53
FairleadTension8	kN	1533.87	330.734	291.642	2919.39
AnchorTension1	kN	27.7235	22.0362	19.4797	279.755
AnchorTension2	kN	26.059	18.6353	19.3855	243.711
AnchorTension3	kN	25.3482	17.0168	19.3403	225.434
AnchorTension4	kN	176.454	240.38	19.1894	1773.83
AnchorTension5	kN	194.804	256.972	19.3006	2038.58
AnchorTension6	kN	1799.54	419.854	383.354	3455.9
AnchorTension7	kN	1888.04	457.155	399.009	3674.84
AnchorTension8	kN	1527.25	330.301	286.149	2910.94
xManExc	m	-3.23358	0.717766	-6.07774	-0.706382
yManExc	m	8.51522	1.17349	5.284	11.8098
zManExc	m	-13.0514	0.249885	-13.9902	-12.1157
xFairLeadML6	m	-3.13421	0.830983	-6.13107	-0.581129
yFairLeadML6	m	9.92047	2.5752	2.46483	17.7633
zFairLeadML6	m	-13.0795	0.524699	-14.985	-11.1029
xFairLeadML10	m	-3.24647	0.689332	-5.92192	-0.791182
yFairLeadML10	m	7.07277	2.35781	0.697982	15.7193
zFairLeadML10	m	-13.0392	0.359648	-14.5864	-11.4875
xFairLeadML12	m	-3.11217	0.801207	-5.97888	-0.618507
yFairLeadML12	m	6.44679	3.24781	-1.85756	18.2055
zFairLeadML12	m	-13.0658	0.444243	-14.8489	-11.3277

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name	units	mean	std	min	max
xCOG_FSRU	m	3.67608	0.980012	0.720528	6.40219
yCOG_FSRU	m	5.1702	0.951798	2.33153	8.09118
zCOG_FSRU	m	9.19308	0.0770594	8.89453	9.48576
xREF_FSRU	m	0.188661	0.977569	-2.75344	2.922
yREF_FSRU	m	5.34207	0.983893	2.29787	8.48013
zREF_FSRU	m	-10.8051	0.0717776	-11.0813	-10.5327
ROLL_FSRU	rad	0.00706003	0.0113167	-0.0196221	0.034362
PITCH_FSRU	rad	6.98351E-06	0.00221615	-0.0083658	0.0081313
YAW_FSRU	rad	-0.00880778	0.0229451	-0.0671367	0.0524012
WaveHeight-COG	m	-0.000127349	0.47782	-1.87942	1.92755
windSpeed	ms-1	23.9953	2.5542	16.6531	31.3384
FairleadTension1	kN	118.708	129.539	24.2041	1095.6
FairleadTension2	kN	112.186	125.86	24.0999	1099.51
FairleadTension3	kN	108.601	123.088	24.0538	1095.01
FairleadTension4	kN	139.019	207.556	22.796	1421.75
FairleadTension5	kN	147.76	214.106	22.9027	1399.05
FairleadTension6	kN	1402.91	361.857	449.701	2857.8
FairleadTension7	kN	1495.93	412.671	434.678	3011.03
FairleadTension8	kN	926.489	234.112	324.989	2248.18
AnchorTension1	kN	114.432	129.541	20.0322	1091.2
AnchorTension2	kN	107.909	125.862	19.9331	1095.11
AnchorTension3	kN	104.323	123.091	19.8897	1090.62
AnchorTension4	kN	135.315	207.55	19.2226	1417.7
AnchorTension5	kN	144.056	214.1	19.331	1395.01
AnchorTension6	kN	1398.3	361.607	445.481	2851.98
AnchorTension7	kN	1491.25	412.379	430.459	3005.09
AnchorTension8	kN	921.098	233.894	319.875	2241.16
xManExc	m	-3.1441	0.618989	-5.70359	-1.33272
yManExc	m	4.84354	0.946508	2.21004	7.7767
zManExc	m	-19.8747	0.247524	-20.6126	-19.0993
xFairLeadML6	m	-3.26323	0.820951	-6.04355	-1.01709
yFairLeadML6	m	4.0558	2.81197	-3.17522	12.7572
zFairLeadML6	m	-19.9445	0.363331	-21.2907	-18.6264
xFairLeadML10	m	-3.07809	0.544044	-5.53427	-1.29833
yFairLeadML10	m	5.96747	2.48604	-0.068088	11.9348
zFairLeadML10	m	-19.8477	0.292494	-20.7386	-18.8743
xFairLeadML12	m	-3.14425	0.694504	-5.78952	-0.983412
yFairLeadML12	m	6.41172	3.54955	-2.4125	14.7643
zFairLeadML12	m	-19.9121	0.291655	-20.9405	-18.8429

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name	units	mean	std	min	max
xCOG_FSRU	m	4.26458	0.871147	1.64814	6.65159
yCOG_FSRU	m	5.22608	0.820391	2.63197	7.85925
zCOG_FSRU	m	3.74622	0.0700387	3.47887	4.01885
xREF_FSRU	m	0.198701	0.871293	-2.37077	2.61343
yREF_FSRU	m	5.28696	0.866941	2.53076	8.14301
zREF_FSRU	m	-9.3533	0.063461	-9.59292	-9.10926
ROLL_FSRU	rad	0.0019613	0.00789373	-0.0303233	0.0338358
PITCH_FSRU	rad	1.47634E-06	0.00239684	-0.00887991	0.00888946
YAW_FSRU	rad	-0.00865426	0.0195614	-0.0620933	0.0412822
WaveHeight-COG	m	-2.26044E-06	0.477744	-1.88229	1.91634
windSpeed	ms-1	23.9953	2.5542	16.6531	31.3384
FairleadTension1	kN	103.578	98.9045	24.8498	757.866
FairleadTension2	kN	97.022	95.086	24.7423	736.519
FairleadTension3	kN	93.605	92.4531	24.6951	720.479
FairleadTension4	kN	112.559	168.932	23.1871	1247.35
FairleadTension5	kN	120.881	175.726	23.2915	1255.13
FairleadTension6	kN	1378.46	329.839	474.862	2706.24
FairleadTension7	kN	1471.79	373.208	481.128	2920.91
FairleadTension8	kN	909.397	225.944	290.205	1733.74
AnchorTension1	kN	98.9361	98.904	20.3314	753.182
AnchorTension2	kN	92.3803	95.0856	20.216	731.856
AnchorTension3	kN	88.9631	92.4527	20.166	715.822
AnchorTension4	kN	108.477	168.93	19.2991	1243
AnchorTension5	kN	116.8	175.724	19.4059	1250.76
AnchorTension6	kN	1373.37	329.569	470.303	2700.21
AnchorTension7	kN	1466.62	372.898	476.541	2914.72
AnchorTension8	kN	903.546	225.696	284.696	1726.51
xManExc	m	-3.7123	0.581075	-5.60865	-1.91722
yManExc	m	4.95459	0.750087	2.17858	7.48578
zManExc	m	-13.0674	0.16531	-13.645	-12.4344
xFairLeadML6	m	-3.82258	0.743482	-6.20118	-1.81645
yFairLeadML6	m	4.09476	2.28247	-2.11584	10.998
zFairLeadML6	m	-13.0866	0.360608	-14.3874	-11.7378
xFairLeadML10	m	-3.65533	0.523514	-5.40003	-1.96197
yFairLeadML10	m	5.97487	2.21279	0.756912	11.9585
zFairLeadML10	m	-13.0598	0.237458	-14.0771	-12.0579
xFairLeadML12	m	-3.72367	0.640019	-5.60279	-1.81968
yFairLeadML12	m	6.40131	3.12794	-0.959167	15.0439
zFairLeadML12	m	-13.0777	0.300683	-14.2738	-11.9027

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name	units	mean	std	min	max
xCOG_FSRU	m	3.72063	1.51856	-2.71376	12.0498
yCOG_FSRU	m	5.48708	1.78994	-3.44029	14.0125
zCOG_FSRU	m	9.19275	0.0813225	8.87648	9.50604
xREF_FSRU	m	0.233297	1.51257	-6.15283	8.49939
yREF_FSRU	m	5.66319	1.78728	-3.71853	14.9253
zREF_FSRU	m	-10.8043	0.0756196	-11.0905	-10.5186
ROLL_FSRU	rad	0.00725978	0.0151332	-0.0549342	0.0680759
PITCH_FSRU	rad	8.9684E-06	0.00252888	-0.00927058	0.00932572
YAW_FSRU	rad	-0.00888329	0.0291131	-0.100961	0.104354
WaveHeight-COG	m	-0.00011986	0.500654	-1.9781	2.03587
windSpeed	ms-1	24.5953	2.61087	17.0746	32.1193
FairleadTension1	kN	154.011	282.159	22.8176	3934.34
FairleadTension2	kN	148.511	286.731	22.7905	4046.15
FairleadTension3	kN	146.45	295.426	22.7768	4088.87
FairleadTension4	kN	199.722	370.935	22.1926	3547.95
FairleadTension5	kN	208.498	374.577	22.3209	3538.68
FairleadTension6	kN	1519.17	664.697	24.3883	6302.19
FairleadTension7	kN	1619.32	712.587	24.4008	6432.74
FairleadTension8	kN	1013.83	509.893	24.6789	5471.98
AnchorTension1	kN	149.722	282.053	18.6688	3927.43
AnchorTension2	kN	144.22	286.621	18.644	4039.16
AnchorTension3	kN	142.158	295.309	18.6318	4081.84
AnchorTension4	kN	196.006	370.865	18.5882	3542.91
AnchorTension5	kN	204.781	374.507	18.6775	3533.65
AnchorTension6	kN	1514.45	664.254	20.2163	6294.24
AnchorTension7	kN	1614.53	712.108	20.2241	6424.74
AnchorTension8	kN	1008.31	509.406	19.7058	5462.42
xManExc	m	-3.10229	1.27744	-10.5434	5.46808
yManExc	m	5.15213	1.87545	-3.66147	14.6665
zManExc	m	-19.8719	0.31693	-21.0772	-18.5086
xFairLeadML6	m	-3.23933	1.40024	-10.1188	5.20107
yFairLeadML6	m	4.36215	3.9804	-12.8215	24.9468
zFairLeadML6	m	-19.943	0.415863	-21.4667	-18.4249
xFairLeadML10	m	-3.01795	1.23515	-10.5336	5.50603
yFairLeadML10	m	6.28724	3.2776	-4.56916	20.8953
zFairLeadML10	m	-19.843	0.377833	-21.3004	-18.371
xFairLeadML12	m	-3.07697	1.30746	-9.93234	5.3303
yFairLeadML12	m	6.73745	4.53223	-7.71222	25.6144
zFairLeadML12	m	-19.9091	0.35098	-21.1079	-18.7196

ballasted_300degN_RP100yr

name	units	mean	std	min	max
xCOG_FSRU	m	4.31662	1.21605	-1.39092	10.2435
yCOG_FSRU	m	5.64427	1.40988	1.57609	11.5123
zCOG_FSRU	m	3.74591	0.0743448	3.46607	4.03564
xREF_FSRU	m	0.25123	1.21553	-5.41698	6.12575
yREF_FSRU	m	5.70358	1.42899	1.68472	11.4861
zREF_FSRU	m	-9.35354	0.067179	-9.60221	-9.09642
ROLL_FSRU	rad	0.00204912	0.00843067	-0.0313074	0.0341139
PITCH_FSRU	rad	3.27838E-06	0.00271334	-0.00968248	0.00997008
YAW_FSRU	rad	-0.00798843	0.0257446	-0.0891097	0.0875704
WaveHeight-COG	m	3.22484E-05	0.500504	-1.95534	2.0479
windSpeed	ms-1	24.5953	2.61087	17.0746	32.1193
FairleadTension1	kN	129.785	204.612	23.8914	2005.75
FairleadTension2	kN	123.724	201.863	23.7868	1993.59
FairleadTension3	kN	120.363	199.269	23.7328	1979.39
FairleadTension4	kN	151.139	299.686	22.4841	2445.14
FairleadTension5	kN	159.355	300.197	22.5876	2386.02
FairleadTension6	kN	1481.05	504.677	57.2911	4219.68
FairleadTension7	kN	1577.75	547.611	54.8415	4429.74
FairleadTension8	kN	977.891	388.084	57.3632	3653.29
AnchorTension1	kN	125.136	204.566	19.3054	2000.11
AnchorTension2	kN	119.075	201.817	19.2102	1987.96
AnchorTension3	kN	115.714	199.225	19.1671	1973.77
AnchorTension4	kN	147.047	299.625	18.4406	2440.19
AnchorTension5	kN	155.263	300.138	18.5442	2381.08
AnchorTension6	kN	1475.86	504.28	52.9332	4212.4
AnchorTension7	kN	1572.48	547.177	50.4802	4422.33
AnchorTension8	kN	971.92	387.664	51.966	3643.91
xManExc	m	-3.67636	0.914221	-9.29034	2.21851
yManExc	m	5.38637	1.50638	-0.0384139	11.9078
zManExc	m	-13.0662	0.178772	-13.7014	-12.3764
xFairLeadML6	m	-3.79408	1.07968	-9.4057	2.12019
yFairLeadML6	m	4.5984	3.49334	-6.04494	18.8675
zFairLeadML6	m	-13.0863	0.40282	-14.5475	-11.6732
xFairLeadML10	m	-3.60636	0.858011	-9.17016	2.16626
yFairLeadML10	m	6.33156	2.77834	-3.17355	15.6637
zFairLeadML10	m	-13.058	0.267805	-14.3769	-11.9119
xFairLeadML12	m	-3.66201	0.965868	-9.29987	2.12583
yFairLeadML12	m	6.72705	3.91114	-7.38405	19.804
zFairLeadML12	m	-13.0766	0.3445	-14.5201	-11.8206

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name	units	mean	std	min	max
xCOG_FSRU	m	3.75674	0.550752	2.23833	4.92265
yCOG_FSRU	m	-4.6502	1.0668	-6.9846	-2.41405
zCOG_FSRU	m	9.19454	0.0538284	9.01362	9.37438
xREF_FSRU	m	0.267264	0.549511	-1.24805	1.46266
yREF_FSRU	m	-4.7404	1.05665	-7.26563	-2.37478
zREF_FSRU	m	-10.8043	0.0509593	-10.975	-10.6332
ROLL_FSRU	rad	-0.00605282	0.00893242	-0.0262829	0.0140398
PITCH_FSRU	rad	-1.03152E-05	0.00115389	-0.00410179	0.00405593
YAW_FSRU	rad	-0.00883755	0.0126422	-0.0350201	0.0206506
WaveHeight-COG	m	-0.000253444	0.375454	-1.50649	1.48881
windSpeed	ms-1	20.3956	2.20787	14.1447	26.6522
FairleadTension1	kN	1151.26	242.294	613.296	1786.96
FairleadTension2	kN	1249.72	269.471	662.03	1920.83
FairleadTension3	kN	1124.22	252.879	454.283	1812.33
FairleadTension4	kN	1066.65	232.364	448.983	1684.04
FairleadTension5	kN	160.455	136.218	41.0083	695.155
FairleadTension6	kN	151.119	131.061	40.841	685.92
FairleadTension7	kN	76.4628	47.08	41.4641	328.118
FairleadTension8	kN	81.4484	50.308	41.6956	339.325
AnchorTension1	kN	1146.82	242.121	609.166	1782
AnchorTension2	kN	1245.21	269.262	657.903	1915.74
AnchorTension3	kN	1120.45	252.787	450.643	1808.2
AnchorTension4	kN	1062.9	232.288	445.342	1679.95
AnchorTension5	kN	156.2	136.218	36.7678	690.941
AnchorTension6	kN	146.864	131.061	36.5973	681.706
AnchorTension7	kN	71.2641	47.0787	36.3229	322.929
AnchorTension8	kN	76.2489	50.3067	36.5542	334.136
xManExc	m	-3.05702	0.781376	-5.06746	-1.43619
yManExc	m	-4.82684	1.23985	-7.48673	-2.3107
zManExc	m	-20.1202	0.187281	-20.6356	-19.6099
xFairLeadML6	m	-3.15852	0.64551	-4.90964	-1.84637
yFairLeadML6	m	-5.84281	2.25905	-10.6979	-0.797821
zFairLeadML6	m	-20.0576	0.209967	-20.821	-19.3387
xFairLeadML10	m	-3.01319	0.835048	-5.10813	-1.25815
yFairLeadML10	m	-3.92145	1.2326	-6.90623	-1.12996
zFairLeadML10	m	-20.1416	0.210714	-20.7468	-19.616
xFairLeadML12	m	-3.08875	0.726015	-4.94402	-1.54487
yFairLeadML12	m	-3.50125	1.66969	-7.17883	0.0661055
zFairLeadML12	m	-20.0863	0.16831	-20.7254	-19.4785

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name	units	mean	std	min	max
xCOG_FSRU	m	4.42483	0.35601	3.28432	5.42162
yCOG_FSRU	m	-4.80436	0.658483	-6.51771	-3.19308
zCOG_FSRU	m	3.7477	0.0499652	3.57732	3.92469
xREF_FSRU	m	0.358194	0.356216	-0.768259	1.35473
yREF_FSRU	m	-4.78273	0.648124	-6.52135	-3.11223
zREF_FSRU	m	-9.35226	0.0462809	-9.50818	-9.19063
ROLL_FSRU	rad	-0.00162289	0.00356012	-0.0141811	0.0113746
PITCH_FSRU	rad	-0.000017766	0.0012182	-0.00446415	0.00427789
YAW_FSRU	rad	-0.0105461	0.00785159	-0.0286581	0.0108923
WaveHeight-COG	m	-0.000226198	0.375447	-1.51071	1.46334
windSpeed	ms-1	20.3956	2.20787	14.1447	26.6522
FairleadTension1	kN	1130.58	153.952	716.947	1598.61
FairleadTension2	kN	1234.2	170.892	773.686	1733.11
FairleadTension3	kN	1109.67	156.69	713.283	1714.01
FairleadTension4	kN	1055.12	145.643	677.908	1620.32
FairleadTension5	kN	141.189	75.0012	42.5494	531.688
FairleadTension6	kN	130.707	70.9451	42.2876	510.997
FairleadTension7	kN	62.9941	21.6737	42.3784	175.168
FairleadTension8	kN	67.6957	23.6872	42.6295	185.886
AnchorTension1	kN	1125.68	153.813	712.349	1593.26
AnchorTension2	kN	1229.21	170.728	769.078	1727.61
AnchorTension3	kN	1105.48	156.605	709.23	1709.43
AnchorTension4	kN	1050.96	145.57	673.854	1615.81
AnchorTension5	kN	136.555	75.0008	37.927	527.047
AnchorTension6	kN	126.072	70.9447	37.6648	506.356
AnchorTension7	kN	57.4265	21.6706	36.9483	169.535
AnchorTension8	kN	62.128	23.6839	37.2023	180.249
xManExc	m	-3.51219	0.496936	-5.01167	-2.21569
yManExc	m	-5.05837	0.77154	-6.91061	-3.21852
zManExc	m	-13.1326	0.0851841	-13.4677	-12.808
xFairLeadML6	m	-3.62666	0.412787	-4.92119	-2.52179
yFairLeadML6	m	-6.1768	1.42525	-9.2982	-2.32746
zFairLeadML6	m	-13.1144	0.196607	-13.7952	-12.4016
xFairLeadML10	m	-3.46531	0.531145	-5.01608	-2.08558
yFairLeadML10	m	-3.88229	0.730687	-6.18903	-2.26422
zFairLeadML10	m	-13.1402	0.0996354	-13.5002	-12.7939
xFairLeadML12	m	-3.5581	0.464743	-4.94381	-2.31359
yFairLeadML12	m	-3.37183	0.998958	-6.29702	-1.0412
zFairLeadML12	m	-13.1261	0.136565	-13.6409	-12.6165

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name	units	mean	std	min	max
xCOG_FSRU	m	3.7237	0.718301	0.509808	6.52657
yCOG_FSRU	m	-4.95589	1.16666	-8.29585	-2.20967
zCOG_FSRU	m	9.19437	0.0640259	8.96932	9.41972
xREF_FSRU	m	0.234251	0.716471	-2.9661	3.01797
yREF_FSRU	m	-5.05614	1.15875	-8.39645	-2.24629
zREF_FSRU	m	-10.8042	0.0604795	-11.0162	-10.5951
ROLL_FSRU	rad	-0.00644304	0.0100612	-0.0386143	0.0310625
PITCH_FSRU	rad	-9.70043E-06	0.00143291	-0.00540189	0.00506511
YAW_FSRU	rad	-0.00819265	0.0154615	-0.0512219	0.0396626
WaveHeight-COG	m	-0.000216093	0.424691	-1.7063	1.67418
windSpeed	ms-1	21.0955	2.27607	14.6296	27.5635
FairleadTension1	kN	1231.4	317.027	299.071	3148.1
FairleadTension2	kN	1335.01	339.718	339.027	3248.18
FairleadTension3	kN	1195.14	340.186	141.511	3136.4
FairleadTension4	kN	1137.54	317.797	148.946	2954.73
FairleadTension5	kN	172.617	175.939	39.5498	1281.93
FairleadTension6	kN	163.72	170.559	39.4279	1271.69
FairleadTension7	kN	80.8089	64.737	40.5833	842.139
FairleadTension8	kN	86.0628	68.7032	40.7715	894.877
AnchorTension1	kN	1226.89	316.788	294.92	3141.95
AnchorTension2	kN	1330.42	339.447	334.874	3241.93
AnchorTension3	kN	1191.33	340.043	137.819	3131.2
AnchorTension4	kN	1133.75	317.67	145.255	2949.63
AnchorTension5	kN	168.361	175.936	35.3264	1277.35
AnchorTension6	kN	159.464	170.555	35.2068	1267.11
AnchorTension7	kN	75.6083	64.7352	35.484	836.737
AnchorTension8	kN	80.8614	68.7008	35.6717	889.415
xManExc	m	-3.10314	0.979564	-6.79868	0.0153394
yManExc	m	-5.11146	1.33107	-8.47647	-1.75714
zManExc	m	-20.1279	0.213721	-20.9023	-19.2865
xFairLeadML6	m	-3.20184	0.825362	-6.63316	-0.279724
yFairLeadML6	m	-6.0668	2.535	-13.5993	0.547363
zFairLeadML6	m	-20.0613	0.254818	-21.0332	-19.1229
xFairLeadML10	m	-3.05772	1.04	-6.82982	0.13447
yFairLeadML10	m	-4.28652	1.58225	-9.48005	-0.439249
zFairLeadML10	m	-20.1504	0.240736	-21.0405	-19.1934
xFairLeadML12	m	-3.12567	0.913363	-6.66658	-0.0890612
yFairLeadML12	m	-3.89794	2.17246	-11.258	1.77406
zFairLeadML12	m	-20.0914	0.201517	-20.7952	-19.3153

ballasted_90degN_RP100yr

name	units	mean	std	min	max
xCOG_FSRU	m	4.44129	0.419752	2.87844	5.49127
yCOG_FSRU	m	-5.09595	0.724342	-7.31802	-3.29364
zCOG_FSRU	m	3.74757	0.0587376	3.5351	3.96527
xREF_FSRU	m	0.374678	0.420183	-1.14404	1.46294
yREF_FSRU	m	-5.0739	0.71338	-7.32179	-3.24067
zREF_FSRU	m	-9.35236	0.0542166	-9.54723	-9.15319
ROLL_FSRU	rad	-0.00172797	0.00411766	-0.0160558	0.0130902
PITCH_FSRU	rad	-1.72331E-05	0.00152648	-0.00580898	0.00538885
YAW_FSRU	rad	-0.0109883	0.00895318	-0.0330938	0.0155321
WaveHeight-COG	m	-0.000179622	0.424696	-1.70583	1.65589
windSpeed	ms-1	21.0955	2.27607	14.6296	27.5635
FairleadTension1	kN	1197.68	179.627	612.92	1829.66
FairleadTension2	kN	1308.23	197.009	670.71	1955.13
FairleadTension3	kN	1176.43	185.955	649.109	1746.04
FairleadTension4	kN	1117.46	173.717	602.646	1662.49
FairleadTension5	kN	139.648	83.7336	41.9181	482.234
FairleadTension6	kN	129.071	78.8901	41.7446	460.655
FairleadTension7	kN	61.0101	23.1021	41.9592	201.169
FairleadTension8	kN	65.3648	25.4298	42.1938	216.291
AnchorTension1	kN	1192.72	179.458	608.47	1824.08
AnchorTension2	kN	1303.16	196.813	666.25	1949.38
AnchorTension3	kN	1172.2	185.846	644.994	1741.43
AnchorTension4	kN	1113.27	173.622	598.535	1657.95
AnchorTension5	kN	135.013	83.7331	37.3541	477.503
AnchorTension6	kN	124.436	78.8896	37.1382	455.915
AnchorTension7	kN	55.442	23.0986	36.5505	195.602
AnchorTension8	kN	59.7966	25.426	36.7858	210.724
xManExc	m	-3.48772	0.576656	-5.39572	-2.05728
yManExc	m	-5.36017	0.850671	-7.8384	-3.34723
zManExc	m	-13.1348	0.102444	-13.5501	-12.7129
xFairLeadML6	m	-3.60815	0.482411	-5.29806	-2.42892
yFairLeadML6	m	-6.52599	1.5958	-10.1664	-2.30219
zFairLeadML6	m	-13.1156	0.242996	-13.9976	-12.1658
xFairLeadML10	m	-3.43769	0.615301	-5.35147	-1.89697
yFairLeadML10	m	-4.13547	0.832037	-6.34118	-2.20134
zFairLeadML10	m	-13.1427	0.124196	-13.6184	-12.6859
xFairLeadML12	m	-3.53384	0.540981	-5.30595	-2.15904
yFairLeadML12	m	-3.60356	1.14735	-6.58356	-0.899843
zFairLeadML12	m	-13.1276	0.17391	-13.7732	-12.491

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name	units	mean	std	min	max
xCOG_FSRU	m	3.85828	1.12233	0.232467	7.2432
yCOG_FSRU	m	7.77058	1.50784	3.77856	12.3675
zCOG_FSRU	m	9.19293	0.0997323	8.81131	9.56612
xREF_FSRU	m	0.367629	1.12019	-3.21104	3.64042
yREF_FSRU	m	7.90765	1.51752	3.67864	12.7178
zREF_FSRU	m	-10.8034	0.0931401	-11.1593	-10.4617
ROLL_FSRU	rad	0.00923321	0.0166133	-0.0337225	0.053321
PITCH_FSRU	rad	-8.31545E-06	0.00275907	-0.0104282	0.00973022
YAW_FSRU	rad	0.0136191	0.0224482	-0.0541168	0.0670999
WaveHeight-COG	m	-0.000439716	0.627699	-2.44388	2.57608
windSpeed	ms-1	25.5952	2.70467	17.779	33.4187
FairleadTension1	kN	56.702	64.4083	38.3608	1032.69
FairleadTension2	kN	53.3733	56.9016	38.1776	980.799
FairleadTension3	kN	181.693	258.922	37.6054	1885.99
FairleadTension4	kN	193.072	269.081	37.7696	1928.17
FairleadTension5	kN	1675.75	493.248	213.626	3416.9
FairleadTension6	kN	1780.98	536.625	194.091	3580.65
FairleadTension7	kN	2020.15	499.029	712.724	4050.69
FairleadTension8	kN	1845.67	484.808	640.143	3863.96
AnchorTension1	kN	52.4153	64.4049	34.2825	1028.25
AnchorTension2	kN	49.0853	56.8981	34.1341	976.399
AnchorTension3	kN	177.984	258.908	33.8664	1881.55
AnchorTension4	kN	189.363	269.066	34.0301	1923.7
AnchorTension5	kN	1670.85	492.828	209.599	3410.52
AnchorTension6	kN	1775.98	536.161	190.055	3574.21
AnchorTension7	kN	2013.27	498.324	707.627	4041.4
AnchorTension8	kN	1839.04	484.122	635.062	3854.9
xManExc	m	-3.3849	0.794299	-6.32589	-0.757393
yManExc	m	8.02874	1.62946	3.9354	12.5988
zManExc	m	-19.8344	0.35068	-20.9731	-18.8269
xFairLeadML6	m	-3.28729	0.934172	-6.49808	-0.479992
yFairLeadML6	m	9.60049	3.25765	-0.0293933	17.7975
zFairLeadML6	m	-19.9228	0.46225	-21.6229	-18.1668
xFairLeadML10	m	-3.3952	0.75761	-6.25027	-0.847059
yFairLeadML10	m	6.62931	2.50009	-0.194606	14.1381
zFairLeadML10	m	-19.7999	0.413616	-21.1036	-18.6702
xFairLeadML12	m	-3.25329	0.909594	-6.39324	-0.308345
yFairLeadML12	m	5.98904	3.43053	-2.78297	15.4452
zFairLeadML12	m	-19.8849	0.379502	-21.4274	-18.6245

ballasted_270degN_RP50yr

name	units	mean	std	min	max
xCOG_FSRU	m	4.51185	1.71388	-5.13964	12.2462
yCOG_FSRU	m	7.95511	1.38076	1.14741	13.3635
zCOG_FSRU	m	3.74572	0.0907578	3.39812	4.09886
xREF_FSRU	m	0.446485	1.71183	-9.19081	8.15679
yREF_FSRU	m	7.92694	1.40985	0.953607	13.0392
zREF_FSRU	m	-9.3534	0.0823264	-9.6686	-9.03617
ROLL_FSRU	rad	0.00263394	0.0113179	-0.0356047	0.0410565
PITCH_FSRU	rad	-1.43809E-05	0.00300004	-0.0111186	0.0110621
YAW_FSRU	rad	0.0154127	0.0276604	-0.124349	0.16016
WaveHeight-COG	m	-0.000264281	0.627919	-2.3623	2.55439
windSpeed	ms-1	25.5952	2.70467	17.779	33.4187
FairleadTension1	kN	98.1132	317.766	37.5011	4648.48
FairleadTension2	kN	98.7691	342.034	37.399	4648.91
FairleadTension3	kN	216.587	489.385	35.6641	5541
FairleadTension4	kN	229.347	492.888	35.8062	5530.73
FairleadTension5	kN	1719.12	818.755	38.6349	7120.83
FairleadTension6	kN	1809.29	862.227	38.5869	7402.61
FairleadTension7	kN	2050.76	818.142	42.6478	7068.1
FairleadTension8	kN	1870.5	804.51	42.4401	6866.57
AnchorTension1	kN	93.4436	317.552	32.9476	4639.86
AnchorTension2	kN	94.0956	341.793	32.8426	4640.08
AnchorTension3	kN	212.468	489.149	31.6541	5533.43
AnchorTension4	kN	225.227	492.655	31.7968	5523.17
AnchorTension5	kN	1713.58	817.996	34.0341	7109.97
AnchorTension6	kN	1803.66	861.427	33.9839	7391.54
AnchorTension7	kN	2043.12	816.997	37.0921	7053.95
AnchorTension8	kN	1863.14	803.378	36.8737	6852.61
xManExc	m	-3.92622	1.55384	-13.2486	3.4241
yManExc	m	8.30815	1.47304	1.42606	17.2699
zManExc	m	-13.0554	0.227223	-13.8841	-12.1949
xFairLeadML6	m	-3.82507	1.63055	-13.038	3.52928
yFairLeadML6	m	9.9538	3.65316	-6.13924	33.8738
zFairLeadML6	m	-13.079	0.455499	-14.7781	-11.2889
xFairLeadML10	m	-3.92295	1.5243	-13.1566	3.26331
yFairLeadML10	m	6.59178	2.96187	-5.90468	21.1408
zFairLeadML10	m	-13.0466	0.315242	-14.2224	-11.8047
xFairLeadML12	m	-3.75671	1.57377	-12.717	3.50142
yFairLeadML12	m	5.85292	4.19823	-12.3392	26.8514
zFairLeadML12	m	-13.0714	0.378487	-14.4935	-11.6887

loaded_270degN_RP100yr

name	units	mean	std	min	max
xCOG_FSRU	m	3.85199	1.49227	-2.89328	10.4936
yCOG_FSRU	m	8.40092	1.7075	2.56131	14.6096
zCOG_FSRU	m	9.19257	0.109377	8.76869	9.60637
xREF_FSRU	m	0.361038	1.48785	-6.38425	6.84867
yREF_FSRU	m	8.5468	1.73053	2.34886	14.8733
zREF_FSRU	m	-10.8017	0.101712	-11.1958	-10.4201
ROLL_FSRU	rad	0.00976686	0.0215595	-0.0719878	0.0986894
PITCH_FSRU	rad	-0.000006588	0.00325027	-0.0121465	0.0116743
YAW_FSRU	rad	0.0141364	0.0280805	-0.115439	0.109408
WaveHeight-COG	m	-0.000213295	0.678939	-2.6585	2.7515
windSpeed	ms-1	26.5952	2.79765	18.4858	34.7156
FairleadTension1	kN	77.3112	190.021	36.4387	3024.95
FairleadTension2	kN	72.9351	180.955	36.2756	2950.49
FairleadTension3	kN	214.988	406.005	35.9886	4664.99
FairleadTension4	kN	228.134	415.017	36.1915	4663.79
FairleadTension5	kN	1830.11	695.402	40.7541	6763.08
FairleadTension6	kN	1944.51	749.713	40.7526	7106.9
FairleadTension7	kN	2212.34	691.3	44.0342	6690.31
FairleadTension8	kN	2017.44	678.227	43.8472	6454.57
AnchorTension1	kN	73.0142	189.938	32.5442	3018.71
AnchorTension2	kN	68.6376	180.879	32.3812	2944.31
AnchorTension3	kN	211.261	405.882	32.1543	4658.36
AnchorTension4	kN	224.406	414.896	32.3737	4657.14
AnchorTension5	kN	1825.05	694.815	36.5309	6753.4
AnchorTension6	kN	1939.36	749.076	36.5259	7096.99
AnchorTension7	kN	2205.2	690.381	38.7135	6678.65
AnchorTension8	kN	2010.57	677.326	38.5219	6443.13
xManExc	m	-3.40458	1.16984	-9.48322	2.13486
yManExc	m	8.66251	1.8288	2.08037	14.4645
zManExc	m	-19.8259	0.44367	-21.6071	-18.076
xFairLeadML6	m	-3.31814	1.31133	-9.57147	2.20559
yFairLeadML6	m	10.2992	3.89878	-3.92917	24.7652
zFairLeadML6	m	-19.918	0.543948	-21.8489	-18.0315
xFairLeadML10	m	-3.40016	1.12753	-9.52765	2.14314
yFairLeadML10	m	7.21232	3.1028	-4.25862	21.4323
zFairLeadML10	m	-19.7876	0.529326	-21.7893	-17.5424
xFairLeadML12	m	-3.24625	1.26334	-9.36937	2.81312
yFairLeadML12	m	6.55021	4.3055	-9.20106	27.1168
zFairLeadML12	m	-19.8773	0.466937	-21.4081	-18.0442

ballasted_270degN_RP100yr

name	units	mean	std	min	max
xCOG_FSRU	m	4.57986	1.09251	-0.56272	7.42135
yCOG_FSRU	m	8.5335	1.2778	4.62981	12.241
zCOG_FSRU	m	3.74563	0.0998969	3.36516	4.1323
xREF_FSRU	m	0.513875	1.09509	-4.53691	3.34801
yREF_FSRU	m	8.50303	1.31138	4.32938	12.3904
zREF_FSRU	m	-9.35327	0.0903262	-9.69427	-9.00869
ROLL_FSRU	rad	0.00284621	0.0124931	-0.0475355	0.052468
PITCH_FSRU	rad	-1.27895E-05	0.00350908	-0.0127311	0.0130237
YAW_FSRU	rad	0.0166614	0.0211089	-0.0478991	0.0811478
WaveHeight-COG	m	0.000109686	0.678908	-2.6614	2.76555
windSpeed	ms-1	26.5952	2.79765	18.4858	34.7156
FairleadTension1	kN	48.2732	37.9199	38.8754	781.941
FairleadTension2	kN	46.2339	31.0027	38.7084	650.424
FairleadTension3	kN	166.883	238.362	37.4223	1870.76
FairleadTension4	kN	179.902	251.445	37.5426	1892.91
FairleadTension5	kN	1797.74	479.124	94.9582	4304.6
FairleadTension6	kN	1906.41	524.488	86.2482	4552.55
FairleadTension7	kN	2161.15	478.561	493.285	4267.17
FairleadTension8	kN	1966.14	476.321	442.217	4185.4
AnchorTension1	kN	43.6273	37.917	34.4203	777.083
AnchorTension2	kN	41.5876	30.9999	34.2528	645.62
AnchorTension3	kN	162.798	238.343	33.6696	1865.8
AnchorTension4	kN	175.816	251.425	33.7903	1887.93
AnchorTension5	kN	1792.16	478.64	90.0859	4296.85
AnchorTension6	kN	1900.71	523.954	81.3994	4544.58
AnchorTension7	kN	2153.35	477.815	487.955	4255.76
AnchorTension8	kN	1958.65	475.573	436.933	4173.99
xManExc	m	-3.87802	0.798791	-8.44512	-1.47988
yManExc	m	8.91841	1.28769	4.8933	12.8847
zManExc	m	-13.0518	0.252872	-13.9941	-12.102
xFairLeadML6	m	-3.75019	0.922827	-8.55303	-1.35906
yFairLeadML6	m	10.6957	2.74447	2.62119	19.0439
zFairLeadML6	m	-13.0775	0.525743	-14.9797	-11.1008
xFairLeadML10	m	-3.89494	0.769736	-8.24424	-1.24248
yFairLeadML10	m	7.06349	2.48399	-0.95869	14.5917
zFairLeadML10	m	-13.0418	0.364261	-14.5983	-11.4782
xFairLeadML12	m	-3.72394	0.904948	-8.39801	-1.22
yFairLeadML12	m	6.26315	3.40819	-4.86364	16.2036
zFairLeadML12	m	-13.0685	0.446852	-14.844	-11.3105

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name	units	mean	std	min	max
xCOG_FSRU	m	3.14143	1.09562	-0.802175	6.00463
yCOG_FSRU	m	5.36016	1.0401	2.6773	8.20618
zCOG_FSRU	m	9.19376	0.0770127	8.89589	9.48578
xREF_FSRU	m	-0.34602	1.09277	-4.23323	2.49371
yREF_FSRU	m	5.5245	1.07509	2.5993	8.51698
zREF_FSRU	m	-10.8043	0.0716962	-11.0815	-10.5336
ROLL_FSRU	rad	0.00682915	0.0121237	-0.0281631	0.0468821
PITCH_FSRU	rad	-1.03191E-05	0.00221713	-0.00826627	0.00806653
YAW_FSRU	rad	-0.00797473	0.0233323	-0.0706605	0.0656747
WaveHeight-COG	m	-0.000132191	0.477759	-1.86527	1.95051
windSpeed	ms-1	23.9953	2.5542	16.6531	31.3384
FairleadTension1	kN	161.597	202.033	39.5211	1737.02
FairleadTension2	kN	150.263	194.507	39.3606	2149.93
FairleadTension3	kN	134.693	236.697	37.0167	1754.16
FairleadTension4	kN	138.463	235.46	37.1691	1738.33
FairleadTension5	kN	1379.53	405.495	251.834	2963.83
FairleadTension6	kN	1499.87	470.983	236.927	3160.02
FairleadTension7	kN	1338.72	378.411	391.323	2974.89
FairleadTension8	kN	1266.87	393.408	346.376	2987.3
AnchorTension1	kN	157.319	202.019	35.3613	1731.94
AnchorTension2	kN	145.984	194.491	35.2025	2144.46
AnchorTension3	kN	130.989	236.678	33.46	1750.02
AnchorTension4	kN	134.759	235.443	33.6123	1734.22
AnchorTension5	kN	1374.87	405.175	247.619	2957.59
AnchorTension6	kN	1495.11	470.596	232.713	3153.65
AnchorTension7	kN	1332.78	377.893	386.369	2966.67
AnchorTension8	kN	1261.01	392.88	341.437	2979.08
xManExc	m	-3.69452	0.713528	-6.74707	-1.658
yManExc	m	5.05863	0.936585	2.51879	7.81055
zManExc	m	-19.878	0.260822	-20.6584	-19.0872
xFairLeadML6	m	-3.80556	0.929271	-7.46312	-1.45819
yFairLeadML6	m	4.35327	2.71586	-3.19448	13.9181
zFairLeadML6	m	-19.9435	0.365607	-21.3013	-18.6815
xFairLeadML10	m	-3.63123	0.628155	-6.38442	-1.76263
yFairLeadML10	m	6.08352	2.67476	-0.803653	12.5969
zFairLeadML10	m	-19.8536	0.308217	-20.9084	-18.8612
xFairLeadML12	m	-3.68964	0.795888	-6.76395	-1.41248
yFairLeadML12	m	6.48696	3.75939	-3.5717	15.5734
zFairLeadML12	m	-19.9167	0.297241	-20.9117	-18.8361

ballasted_300degN_RP50yr

name	units	mean	std	min	max
xCOG_FSRU	m	3.70859	1.73389	-3.28041	11.4803
yCOG_FSRU	m	5.59238	1.66256	-0.968302	14.1976
zCOG_FSRU	m	3.74639	0.0701027	3.47981	4.01992
xREF_FSRU	m	-0.355595	1.73136	-7.30364	7.35325
yREF_FSRU	m	5.64796	1.70282	-1.24141	14.471
zREF_FSRU	m	-9.35322	0.0635636	-9.59268	-9.10818
ROLL_FSRU	rad	0.00190398	0.00779017	-0.027069	0.0311928
PITCH_FSRU	rad	-1.84629E-05	0.00240568	-0.00919118	0.00836627
YAW_FSRU	rad	-0.00754575	0.03423	-0.13146	0.120494
WaveHeight-COG	m	-2.70348E-05	0.47772	-1.80372	1.93083
windSpeed	ms-1	23.9953	2.5542	16.6531	31.3384
FairleadTension1	kN	248.524	468.562	36.9782	4082.32
FairleadTension2	kN	233.501	452.448	36.8023	4219.74
FairleadTension3	kN	232.327	588.878	35.8609	5208.44
FairleadTension4	kN	237.354	581.394	36.0719	5100.26
FairleadTension5	kN	1457.77	803.999	39.0766	5969.93
FairleadTension6	kN	1581.62	871.493	38.9165	6254.43
FairleadTension7	kN	1427.42	702.338	41.2008	5732.4
FairleadTension8	kN	1358.63	702.223	41.4392	5598.77
AnchorTension1	kN	243.821	468.281	32.4419	4074.07
AnchorTension2	kN	228.802	452.179	32.2644	4211.36
AnchorTension3	kN	228.189	588.581	31.8919	5201.5
AnchorTension4	kN	233.217	581.106	32.1044	5092.91
AnchorTension5	kN	1452.47	803.266	34.528	5960.38
AnchorTension6	kN	1576.2	870.693	34.3671	6244.66
AnchorTension7	kN	1420.74	701.335	35.7826	5719.79
AnchorTension8	kN	1352.04	701.222	36.0052	5586.46
xManExc	m	-4.29975	1.40235	-10.5068	3.19017
yManExc	m	5.34437	1.69823	-3.17842	15.1421
zManExc	m	-13.0678	0.164768	-13.6356	-12.4698
xFairLeadML6	m	-4.43865	1.57705	-11.1287	2.9578
yFairLeadML6	m	4.60241	4.36905	-15.4356	26.8404
zFairLeadML6	m	-13.0843	0.361933	-14.391	-11.7389
xFairLeadML10	m	-4.20252	1.35409	-10.2612	3.27143
yFairLeadML10	m	6.23543	3.74526	-9.24968	23.1352
zFairLeadML10	m	-13.0626	0.235959	-14.078	-12.0512
xFairLeadML12	m	-4.24188	1.466	-10.5181	3.09592
yFairLeadML12	m	6.61131	5.29649	-14.0615	28.6412
zFairLeadML12	m	-13.081	0.301094	-14.2725	-11.9474

loaded_300degN_RP100yr

name	units	mean	std	min	max
xCOG_FSRU	m	3.05387	2.46761	-6.90273	12.1434
yCOG_FSRU	m	6.08966	2.22144	-3.99963	15.9819
zCOG_FSRU	m	9.19255	0.0816101	8.87407	9.50358
xREF_FSRU	m	-0.433617	2.45388	-10.4547	8.65999
yREF_FSRU	m	6.26057	2.2823	-4.23294	16.976
zREF_FSRU	m	-10.7971	0.0792417	-11.0969	-10.4773
ROLL_FSRU	rad	0.00724692	0.0312594	-0.128677	0.152922
PITCH_FSRU	rad	-9.0399E-06	0.00256103	-0.00993783	0.00887497
YAW_FSRU	rad	-0.00757174	0.0505254	-0.158325	0.163377
WaveHeight-COG	m	-0.000115299	0.500572	-1.90665	2.06937
windSpeed	ms-1	24.5953	2.61087	17.0746	32.1193
FairleadTension1	kN	415.186	857.275	37.0631	6572.54
FairleadTension2	kN	396.11	842.196	36.8621	6572.21
FairleadTension3	kN	430.406	1041.62	34.389	6581.38
FairleadTension4	kN	435.008	1030.73	34.5716	6520.02
FairleadTension5	kN	1684.31	1181.04	38.2276	8613.74
FairleadTension6	kN	1820.29	1277.84	38.146	9115.38
FairleadTension7	kN	1691.41	1060.48	41.1134	6995.84
FairleadTension8	kN	1606.01	1044.93	41.1104	6597.19
AnchorTension1	kN	410.745	856.708	32.7057	6563.7
AnchorTension2	kN	391.675	841.635	32.5311	6563.38
AnchorTension3	kN	426.556	1041.09	30.7335	6574.12
AnchorTension4	kN	431.159	1030.21	30.9219	6512.78
AnchorTension5	kN	1679.32	1180.09	34.0636	8603.83
AnchorTension6	kN	1815.19	1276.81	33.9743	9105.21
AnchorTension7	kN	1684.92	1059.16	35.7467	6981.98
AnchorTension8	kN	1599.62	1043.62	35.908	6583.61
xManExc	m	-3.81518	2.00444	-11.5619	3.82828
yManExc	m	5.76805	2.3961	-3.53422	17.1361
zManExc	m	-19.8761	0.603744	-22.73	-17.1835
xFairLeadML6	m	-4.02873	2.25615	-13.8927	4.27094
yFairLeadML6	m	5.12606	6.5612	-14.6668	31.1747
zFairLeadML6	m	-19.9388	0.485173	-21.9411	-18.0147
xFairLeadML10	m	-3.64205	1.92715	-11.1402	4.12429
yFairLeadML10	m	6.74802	5.25042	-9.70974	23.7228
zFairLeadML10	m	-19.843	0.720792	-23.1474	-16.3742
xFairLeadML12	m	-3.64835	2.07794	-11.4177	4.58157
yFairLeadML12	m	7.14531	7.54953	-16.8496	30.794
zFairLeadML12	m	-19.9091	0.50719	-22.2116	-17.4207

ballasted_300degN_RP100yr

name	units	mean	std	min	max
xCOG_FSRU	m	3.70003	2.54236	-5.81365	12.2749
yCOG_FSRU	m	5.85885	2.46799	-5.72721	16.1447
zCOG_FSRU	m	3.74579	0.0745338	3.46556	4.03593
xREF_FSRU	m	-0.362966	2.53769	-9.88151	8.15584
yREF_FSRU	m	5.91352	2.48806	-6.02063	16.3138
zREF_FSRU	m	-9.35371	0.0674257	-9.60272	-9.09579
ROLL_FSRU	rad	0.0019652	0.00870042	-0.0304443	0.0360262
PITCH_FSRU	rad	-1.73761E-05	0.00275454	-0.00999243	0.00985427
YAW_FSRU	rad	-0.00712286	0.0424475	-0.130459	0.151864
WaveHeight-COG	m	-2.82477E-05	0.50043	-1.90081	2.05723
windSpeed	ms-1	24.5953	2.61087	17.0746	32.1193
FairleadTension1	kN	369.119	754.78	37.785	6285.57
FairleadTension2	kN	351.946	738.686	37.5761	6413.81
FairleadTension3	kN	349.525	758.87	35.6259	5506.85
FairleadTension4	kN	353.241	753.262	35.8065	5448.36
FairleadTension5	kN	1632.56	1232.27	38.4935	7029.68
FairleadTension6	kN	1767.32	1306.43	38.3652	7485.76
FairleadTension7	kN	1603.7	1158.39	41.027	6820.83
FairleadTension8	kN	1529.29	1131.15	41.0018	6530.7
AnchorTension1	kN	364.325	754.225	33.0766	6275.76
AnchorTension2	kN	347.16	738.144	32.8778	6403.9
AnchorTension3	kN	345.34	758.487	31.6289	5499.18
AnchorTension4	kN	349.056	752.884	31.7799	5440.73
AnchorTension5	kN	1627.02	1231.17	33.8987	7019
AnchorTension6	kN	1761.65	1305.26	33.7707	7475.35
AnchorTension7	kN	1596.68	1156.81	35.3977	6807.57
AnchorTension8	kN	1522.38	1129.61	35.4685	6517.73
xManExc	m	-4.32449	2.32874	-12.4843	4.25427
yManExc	m	5.61495	2.63436	-4.62721	17.2987
zManExc	m	-13.0674	0.184354	-13.7573	-12.372
xFairLeadML6	m	-4.49166	2.44183	-13.6551	4.16197
yFairLeadML6	m	4.92086	5.87281	-14.5031	30.9415
zFairLeadML6	m	-13.0845	0.408528	-14.5726	-11.627
xFairLeadML10	m	-4.19315	2.28755	-12.0316	4.19969
yFairLeadML10	m	6.45782	4.60506	-10.7214	21.8935
zFairLeadML10	m	-13.0618	0.273927	-14.46	-11.9554
xFairLeadML12	m	-4.21346	2.33581	-12.4153	4.16715
yFairLeadML12	m	6.81626	6.4439	-13.4856	27.6187
zFairLeadML12	m	-13.0806	0.350732	-14.6558	-11.8186

loaded_90degN_RP50yr

name	units	mean	std	min	max
xCOG_FSRU	m	3.71445	0.70635	1.96711	5.39556
yCOG_FSRU	m	-4.97549	1.42642	-7.85944	-2.05157
zCOG_FSRU	m	9.19424	0.0538388	9.01344	9.37473
xREF_FSRU	m	0.225113	0.704434	-1.5228	1.88046
yREF_FSRU	m	-5.07302	1.40821	-8.01459	-1.88813
zREF_FSRU	m	-10.8046	0.050971	-10.9751	-10.6331
ROLL_FSRU	rad	-0.00627185	0.00885375	-0.0260252	0.0134589
PITCH_FSRU	rad	-8.95271E-06	0.00115424	-0.00407988	0.00407164
YAW_FSRU	rad	-0.00799065	0.0165313	-0.0433154	0.030666
WaveHeight-COG	m	-0.000252196	0.375428	-1.50871	1.49507
windSpeed	ms-1	20.3956	2.20787	14.1447	26.6522
FairleadTension1	kN	1167.67	293.586	531.798	1961.1
FairleadTension2	kN	1257.86	322.009	568.091	2067.67
FairleadTension3	kN	1134.88	306.361	365.187	1968.97
FairleadTension4	kN	1075.83	280.853	367.594	1863.88
FairleadTension5	kN	173.824	175.328	29.9249	859.802
FairleadTension6	kN	165.064	169.918	29.8081	797.708
FairleadTension7	kN	86.4931	74.9133	30.6037	474.98
FairleadTension8	kN	92.2035	78.0287	30.781	483.126
AnchorTension1	kN	1162.57	293.179	527.462	1955
AnchorTension2	kN	1252.63	321.567	563.721	2061.46
AnchorTension3	kN	1130.66	306.061	361.518	1963.87
AnchorTension4	kN	1071.67	280.58	363.928	1858.88
AnchorTension5	kN	169.555	175.295	25.7256	855.03
AnchorTension6	kN	160.797	169.89	25.5971	793.027
AnchorTension7	kN	81.2923	74.9101	25.4393	469.656
AnchorTension8	kN	87.0015	78.0244	25.605	477.782
xManExc	m	-3.11666	1.00756	-5.45896	-0.791569
yManExc	m	-5.12752	1.62809	-8.24999	-2.03633
zManExc	m	-20.1247	0.185959	-20.639	-19.622
xFairLeadML6	m	-3.21486	0.830806	-5.24698	-1.33235
yFairLeadML6	m	-6.05899	2.92323	-12.247	0.131191
zFairLeadML6	m	-20.0601	0.209771	-20.8269	-19.3351
xFairLeadML10	m	-3.07017	1.07709	-5.49892	-0.566279
yFairLeadML10	m	-4.32276	1.69172	-7.94826	-0.59012
zFairLeadML10	m	-20.1467	0.208991	-20.7751	-19.5968
xFairLeadML12	m	-3.13552	0.934425	-5.27528	-0.915252
yFairLeadML12	m	-3.94367	2.26451	-8.33844	0.644238
zFairLeadML12	m	-20.0893	0.167552	-20.7373	-19.4764

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name	units	mean	std	min	max
xCOG_FSRU	m	4.42703	0.422768	2.98921	5.50905
yCOG_FSRU	m	-5.06759	0.826661	-7.09383	-3.25944
zCOG_FSRU	m	3.74742	0.0499628	3.57694	3.92449
xREF_FSRU	m	0.360426	0.422959	-1.03917	1.43221
yREF_FSRU	m	-5.04674	0.813772	-7.08092	-3.16789
zREF_FSRU	m	-9.35254	0.0462789	-9.50851	-9.19094
ROLL_FSRU	rad	-0.00167331	0.00355336	-0.0140336	0.0112378
PITCH_FSRU	rad	-1.68767E-05	0.00121823	-0.00446947	0.00427265
YAW_FSRU	rad	-0.0105158	0.0093934	-0.033211	0.0154925
WaveHeight-COG	m	-0.000225978	0.375443	-1.51027	1.45997
windSpeed	ms-1	20.3956	2.20787	14.1447	26.6522
FairleadTension1	kN	1134.81	170.656	686.092	1672.9
FairleadTension2	kN	1229.66	187.851	748.739	1799.56
FairleadTension3	kN	1108.57	174.69	572.011	1694.32
FairleadTension4	kN	1055.68	163.698	564.335	1585.92
FairleadTension5	kN	141.042	84.3773	30.9463	480.683
FairleadTension6	kN	130.609	80.1667	30.7542	466.152
FairleadTension7	kN	62.7379	26.7361	31.5509	230.99
FairleadTension8	kN	68.0141	28.5833	31.801	244.499
AnchorTension1	kN	1129.16	170.383	681.205	1666.41
AnchorTension2	kN	1223.86	187.555	743.759	1792.9
AnchorTension3	kN	1103.85	174.48	567.937	1688.92
AnchorTension4	kN	1051.03	163.501	560.265	1580.64
AnchorTension5	kN	136.407	84.3766	26.419	476.022
AnchorTension6	kN	125.973	80.1663	26.2266	461.51
AnchorTension7	kN	57.1695	26.7334	26.0794	225.352
AnchorTension8	kN	62.4455	28.5806	26.3298	238.86
xManExc	m	-3.51089	0.590337	-5.44182	-2.01888
yManExc	m	-5.32011	0.959627	-7.45055	-3.29749
zManExc	m	-13.1339	0.0852331	-13.4693	-12.8071
xFairLeadML6	m	-3.62642	0.490145	-5.27146	-2.40898
yFairLeadML6	m	-6.43612	1.73538	-10.2939	-2.04937
zFairLeadML6	m	-13.1153	0.196654	-13.7964	-12.4016
xFairLeadML10	m	-3.46266	0.631577	-5.42458	-1.8753
yFairLeadML10	m	-4.14842	0.893981	-6.8784	-1.8185
zFairLeadML10	m	-13.1415	0.099543	-13.4963	-12.7843
xFairLeadML12	m	-3.55454	0.552456	-5.29783	-2.14417
yFairLeadML12	m	-3.63941	1.20328	-6.93916	-0.661322
zFairLeadML12	m	-13.127	0.136525	-13.6394	-12.6184

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name	units	mean	std	min	max
xCOG_FSRU	m	3.66032	0.850966	1.33922	5.82239
yCOG_FSRU	m	-5.30296	1.41866	-8.42897	-1.81812
zCOG_FSRU	m	9.19405	0.0640203	8.9675	9.41932
xREF_FSRU	m	0.170999	0.84846	-2.14454	2.32218
yREF_FSRU	m	-5.41154	1.40976	-8.551	-1.91311
zREF_FSRU	m	-10.8046	0.060487	-11.0184	-10.596
ROLL_FSRU	rad	-0.00669676	0.00972456	-0.0292684	0.0153694
PITCH_FSRU	rad	-8.42143E-06	0.00143212	-0.00538917	0.00507575
YAW_FSRU	rad	-0.00725468	0.019164	-0.0501545	0.0370441
WaveHeight-COG	m	-0.000213568	0.424685	-1.70032	1.71081
windSpeed	ms-1	21.0955	2.27607	14.6296	27.5635
FairleadTension1	kN	1249.42	321.126	319.288	2019.85
FairleadTension2	kN	1343.48	342.093	350.283	2125.8
FairleadTension3	kN	1207.99	352.886	309.194	2121.29
FairleadTension4	kN	1141.4	318.872	303.143	1980.95
FairleadTension5	kN	186.987	215.434	29.1891	1170.57
FairleadTension6	kN	179.115	210.592	29.0845	1159.55
FairleadTension7	kN	88.5979	83.7787	30.4223	548.321
FairleadTension8	kN	94.5174	87.2137	30.5743	567.371
AnchorTension1	kN	1244.21	320.686	315.165	2013.83
AnchorTension2	kN	1338.14	341.629	346.163	2119.67
AnchorTension3	kN	1203.69	352.541	305.51	2116.01
AnchorTension4	kN	1137.17	318.561	299.466	1975.82
AnchorTension5	kN	182.701	215.357	25.0507	1165.34
AnchorTension6	kN	174.831	210.52	24.9354	1154.33
AnchorTension7	kN	83.3937	83.7704	25.1917	542.606
AnchorTension8	kN	89.3115	87.2021	25.3402	561.611
xManExc	m	-3.18576	1.19402	-6.20805	-0.41467
yManExc	m	-5.43114	1.5777	-8.66665	-1.93675
zManExc	m	-20.1331	0.208069	-20.768	-19.4914
xFairLeadML6	m	-3.28103	0.994046	-5.94877	-0.912833
yFairLeadML6	m	-6.29307	3.02241	-13.0763	0.569198
zFairLeadML6	m	-20.064	0.253756	-21.0362	-19.1155
xFairLeadML10	m	-3.1372	1.27149	-6.24836	-0.187988
yFairLeadML10	m	-4.71782	2.05055	-9.48902	0.188296
zFairLeadML10	m	-20.1563	0.23357	-20.7606	-19.4683
xFairLeadML12	m	-3.19376	1.10759	-5.96098	-0.53823
yFairLeadML12	m	-4.37479	2.80221	-10.9646	1.93937
zFairLeadML12	m	-20.0949	0.198418	-20.7759	-19.3797

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name	units	mean	std	min	max
xCOG_FSRU	m	4.43767	0.49339	2.90583	6.00874
yCOG_FSRU	m	-5.39238	0.868371	-7.5896	-3.29039
zCOG_FSRU	m	3.74727	0.0587392	3.53436	3.9652
xREF_FSRU	m	0.371099	0.493726	-1.15661	1.94042
yREF_FSRU	m	-5.37145	0.857308	-7.54128	-3.21503
zREF_FSRU	m	-9.35265	0.0542186	-9.54797	-9.15326
ROLL_FSRU	rad	-0.00178336	0.00413632	-0.0167469	0.0136779
PITCH_FSRU	rad	-1.64185E-05	0.00152659	-0.00577191	0.00542518
YAW_FSRU	rad	-0.0108903	0.0105361	-0.0395567	0.0186218
WaveHeight-COG	m	-0.000175303	0.424693	-1.70825	1.67063
windSpeed	ms-1	21.0955	2.27607	14.6296	27.5635
FairleadTension1	kN	1201.85	192.986	553.584	1788.31
FairleadTension2	kN	1302.68	208.879	614.563	1922.69
FairleadTension3	kN	1174.47	202.448	585.601	1874.53
FairleadTension4	kN	1117.19	189.528	553.054	1784.96
FairleadTension5	kN	139.079	94.1119	30.8256	507.816
FairleadTension6	kN	129.135	91.0541	30.648	794.531
FairleadTension7	kN	59.9054	28.5021	31.245	215.857
FairleadTension8	kN	64.9756	30.6928	31.4504	232.298
AnchorTension1	kN	1196.1	192.68	549.035	1781.53
AnchorTension2	kN	1296.77	208.555	609.932	1915.73
AnchorTension3	kN	1169.67	202.205	581.47	1868.77
AnchorTension4	kN	1112.46	189.3	548.947	1779.29
AnchorTension5	kN	134.443	94.109	26.2389	503.114
AnchorTension6	kN	124.499	91.0503	26.0623	789.384
AnchorTension7	kN	54.3365	28.4988	25.7153	210.238
AnchorTension8	kN	59.4065	30.6894	25.9	226.678
xManExc	m	-3.49355	0.676153	-5.5235	-1.40577
yManExc	m	-5.65324	1.00241	-7.90905	-3.40911
zManExc	m	-13.1362	0.102541	-13.5585	-12.7084
xFairLeadML6	m	-3.61451	0.566277	-5.37647	-1.87889
yFairLeadML6	m	-6.8097	1.85683	-11.3616	-2.14033
zFairLeadML6	m	-13.1165	0.24297	-14.0062	-12.1628
xFairLeadML10	m	-3.44225	0.72163	-5.55826	-1.19436
yFairLeadML10	m	-4.44075	1.02818	-7.00297	-1.87464
zFairLeadML10	m	-13.1441	0.12453	-13.6307	-12.6887
xFairLeadML12	m	-3.53681	0.634761	-5.41047	-1.51551
yFairLeadML12	m	-3.91358	1.40043	-7.68991	-0.742533
zFairLeadML12	m	-13.1285	0.174037	-13.784	-12.5006

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name	units	mean	std	min	max
xCOG_FSRU	m	3.80629	1.39347	-1.33994	7.19944
yCOG_FSRU	m	8.39041	2.02277	2.99678	13.2637
zCOG_FSRU	m	9.19241	0.0996831	8.81087	9.56492
xREF_FSRU	m	0.315896	1.38966	-4.81908	3.6793
yREF_FSRU	m	8.53863	2.01057	2.9679	13.3283
zREF_FSRU	m	-10.8039	0.0930537	-11.1642	-10.4628
ROLL_FSRU	rad	0.00966519	0.0164528	-0.0282651	0.0556032
PITCH_FSRU	rad	-7.44099E-06	0.00276076	-0.0103537	0.00980894
YAW_FSRU	rad	0.012888	0.0277795	-0.062995	0.0917468
WaveHeight-COG	m	-0.00044986	0.627571	-2.45328	2.58573
windSpeed	ms-1	25.5952	2.70467	17.779	33.4187
FairleadTension1	kN	63.3456	94.4301	28.1411	1020.84
FairleadTension2	kN	58.3527	86.4652	28.0196	971.384
FairleadTension3	kN	189.171	306.569	27.1827	2348.9
FairleadTension4	kN	200.409	315.879	27.276	2328.96
FairleadTension5	kN	1682.75	558.903	63.4305	3727.49
FairleadTension6	kN	1783.76	602.115	59.1225	3999.62
FairleadTension7	kN	2016.73	565.062	369.894	3759.68
FairleadTension8	kN	1860.15	542.213	318.908	3695.49
AnchorTension1	kN	59.053	94.4051	24.1686	1015.98
AnchorTension2	kN	54.0599	86.4467	24.0395	966.591
AnchorTension3	kN	185.422	306.429	23.5539	2343.26
AnchorTension4	kN	196.657	315.733	23.6533	2323.34
AnchorTension5	kN	1676.97	558.208	59.0866	3719.65
AnchorTension6	kN	1777.86	601.38	54.7923	3991.59
AnchorTension7	kN	2008.56	564.141	364.856	3749.73
AnchorTension8	kN	1852.24	541.294	313.905	3685.6
xManExc	m	-3.42634	1.00513	-7.89651	-0.723075
yManExc	m	8.6214	2.23173	3.04545	13.8364
zManExc	m	-19.8268	0.347786	-20.95	-18.7039
xFairLeadML6	m	-3.34905	1.1729	-8.1456	-0.384934
yFairLeadML6	m	10.1259	4.29318	-0.237742	22.3685
zFairLeadML6	m	-19.9195	0.461764	-21.6475	-18.1776
xFairLeadML10	m	-3.42005	0.959014	-7.78045	-0.78434
yFairLeadML10	m	7.31247	3.02049	-1.27179	15.9081
zFairLeadML10	m	-19.7907	0.41085	-21.1721	-18.5726
xFairLeadML12	m	-3.27885	1.13527	-7.97663	-0.277811
yFairLeadML12	m	6.70973	4.12171	-4.70735	18.6016
zFairLeadML12	m	-19.8796	0.378887	-21.4784	-18.5224

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name	units	mean	std	min	max
xCOG_FSRU	m	4.6335	0.969282	1.06824	7.17107
yCOG_FSRU	m	8.53229	1.28666	4.63696	12.202
zCOG_FSRU	m	3.74549	0.0907592	3.39737	4.09809
xREF_FSRU	m	0.567439	0.971095	-2.99041	3.07775
yREF_FSRU	m	8.49769	1.30187	4.47577	12.4218
zREF_FSRU	m	-9.35362	0.082298	-9.66912	-9.03743
ROLL_FSRU	rad	0.00275335	0.0113718	-0.0382799	0.0443858
PITCH_FSRU	rad	-1.45505E-05	0.0029914	-0.011193	0.0107423
YAW_FSRU	rad	0.0173775	0.0191782	-0.046967	0.0785217
WaveHeight-COG	m	-0.000221467	0.62768	-2.47417	2.54709
windSpeed	ms-1	25.5952	2.70467	17.779	33.4187
FairleadTension1	kN	38.3325	33.1137	28.8953	591.955
FairleadTension2	kN	36.3831	28.2407	28.775	522.814
FairleadTension3	kN	136.345	183.774	28.1231	1428.8
FairleadTension4	kN	148.01	192.286	28.2268	1455.45
FairleadTension5	kN	1657.48	358.745	437.688	3015.27
FairleadTension6	kN	1748.86	390.157	450.201	3213.87
FairleadTension7	kN	1969.67	361.506	953.666	3227.88
FairleadTension8	kN	1802.81	352.368	857.588	3019.49
AnchorTension1	kN	33.686	33.1101	24.4336	587.054
AnchorTension2	kN	31.7363	28.2377	24.3074	517.999
AnchorTension3	kN	132.249	183.716	24.1377	1423.44
AnchorTension4	kN	143.913	192.225	24.2472	1450.06
AnchorTension5	kN	1651.05	358.233	432.732	3007.16
AnchorTension6	kN	1742.31	389.611	445.199	3205.56
AnchorTension7	kN	1960.74	360.857	946.97	3216.95
AnchorTension8	kN	1794.18	351.706	851.085	3008.82
xManExc	m	-3.83723	0.681449	-6.35524	-1.6154
yManExc	m	8.93878	1.37933	5.03284	12.5408
zManExc	m	-13.0534	0.227508	-13.9	-12.1782
xFairLeadML6	m	-3.69924	0.801671	-6.79494	-1.38068
yFairLeadML6	m	10.7883	2.76622	2.15671	18.8602
zFairLeadML6	m	-13.0782	0.454421	-14.7117	-11.3601
xFairLeadML10	m	-3.85986	0.654179	-6.36976	-1.73016
yFairLeadML10	m	7.00061	2.15437	0.872836	13.6176
zFairLeadML10	m	-13.0442	0.315665	-14.2551	-11.8361
xFairLeadML12	m	-3.68363	0.791026	-6.35419	-1.36115
yFairLeadML12	m	6.16492	2.9524	-2.28514	14.7744
zFairLeadML12	m	-13.0701	0.377609	-14.4921	-11.7364

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name	units	mean	std	min	max
xCOG_FSRU	m	3.81834	1.5058	-1.02812	7.44649
yCOG_FSRU	m	9.06632	2.08105	4.10208	14.3004
zCOG_FSRU	m	9.19213	0.109446	8.76805	9.60487
xREF_FSRU	m	0.327651	1.50226	-4.51663	3.99515
yREF_FSRU	m	9.22375	2.07699	4.09559	14.3474
zREF_FSRU	m	-10.8033	0.101783	-11.1983	-10.4197
ROLL_FSRU	rad	0.0102653	0.0184194	-0.0327796	0.0611985
PITCH_FSRU	rad	-6.19025E-06	0.00324499	-0.0118818	0.0116871
YAW_FSRU	rad	0.0136816	0.0296603	-0.0619117	0.0890202
WaveHeight-COG	m	-0.000203123	0.678771	-2.60306	2.78705
windSpeed	ms-1	26.5952	2.79765	18.4858	34.7156
FairleadTension1	kN	60.0283	94.875	27.7785	1202.76
FairleadTension2	kN	55.3151	87.7285	27.6518	1115.74
FairleadTension3	kN	198.46	334.283	27.2415	2186.49
FairleadTension4	kN	208.552	338.833	27.3478	2183.8
FairleadTension5	kN	1812.91	596.27	66.6724	3900.29
FairleadTension6	kN	1924.3	643.094	61.6565	4108.77
FairleadTension7	kN	2179.46	601.829	273.594	4160.37
FairleadTension8	kN	2010.24	583.035	258.864	3980.1
AnchorTension1	kN	55.7325	94.8425	23.8101	1197.48
AnchorTension2	kN	51.0186	87.7002	23.6846	1110.57
AnchorTension3	kN	194.699	334.117	23.5509	2181.02
AnchorTension4	kN	204.79	338.666	23.661	2178.35
AnchorTension5	kN	1806.98	595.542	62.3642	3892.46
AnchorTension6	kN	1918.24	642.324	57.3385	4100.82
AnchorTension7	kN	2171.04	600.892	268.425	4149.34
AnchorTension8	kN	2002.09	582.088	253.709	3969.24
xManExc	m	-3.43075	1.09224	-7.46486	-0.345197
yManExc	m	9.31024	2.25946	3.99037	15.2442
zManExc	m	-19.8163	0.38989	-20.9742	-18.562
xFairLeadML6	m	-3.35283	1.27002	-7.80206	-0.15121
yFairLeadML6	m	10.908	4.41707	-0.576952	23.3026
zFairLeadML6	m	-19.9144	0.533521	-21.871	-17.9647
xFairLeadML10	m	-3.42015	1.04387	-7.31717	-0.329045
yFairLeadML10	m	7.92065	3.29353	-1.46578	15.9444
zFairLeadML10	m	-19.7772	0.466475	-21.1179	-18.2188
xFairLeadML12	m	-3.26851	1.2328	-7.5641	-0.0959597
yFairLeadML12	m	7.28144	4.49908	-4.68771	18.5304
zFairLeadML12	m	-19.8715	0.442902	-21.3587	-18.2399

ballasted_270degN_RP100yr

name	units	mean	std	min	max
xCOG_FSRU	m	4.60362	1.1827	-0.368788	8.11965
yCOG_FSRU	m	9.20843	1.45191	5.4911	13.992
zCOG_FSRU	m	3.74515	0.0998972	3.36515	4.13223
xREF_FSRU	m	0.537762	1.18499	-4.49866	4.09815
yREF_FSRU	m	9.17657	1.47521	5.14026	14.2911
zREF_FSRU	m	-9.35375	0.0903073	-9.69275	-9.00878
ROLL_FSRU	rad	0.00295238	0.0124437	-0.0416267	0.0494595
PITCH_FSRU	rad	-1.28051E-05	0.00351286	-0.0126144	0.0127265
YAW_FSRU	rad	0.0173455	0.0224468	-0.056409	0.0815038
WaveHeight-COG	m	0.000104684	0.678799	-2.67458	2.74188
windSpeed	ms-1	26.5952	2.79765	18.4858	34.7156
FairleadTension1	kN	39.7293	43.4186	28.6984	1044.97
FairleadTension2	kN	37.3292	36.5259	28.5716	944.509
FairleadTension3	kN	151.487	227.915	27.4081	2042.82
FairleadTension4	kN	163.449	236.747	27.5194	2027.43
FairleadTension5	kN	1790.72	465.817	178.255	3978.55
FairleadTension6	kN	1892.17	503.63	167.956	4151.48
FairleadTension7	kN	2135.98	462.365	517.962	4036.18
FairleadTension8	kN	1958.54	454.732	411.747	3880.44
AnchorTension1	kN	35.0814	43.4017	24.2391	1039.69
AnchorTension2	kN	32.6811	36.5125	24.1406	939.369
AnchorTension3	kN	147.381	227.82	23.5542	2037.2
AnchorTension4	kN	159.341	236.649	23.6638	2021.87
AnchorTension5	kN	1784.12	465.181	173.499	3969.49
AnchorTension6	kN	1885.44	502.958	163.21	4142.27
AnchorTension7	kN	2126.78	461.584	512.303	4023.92
AnchorTension8	kN	1949.65	453.927	406.275	3868.31
xManExc	m	-3.8682	0.885938	-7.84488	-0.683188
yManExc	m	9.6089	1.52008	5.62291	14.5883
zManExc	m	-13.0503	0.252835	-14.0117	-12.1492
xFairLeadML6	m	-3.73781	1.00846	-8.21907	-0.450949
yFairLeadML6	m	11.4592	3.11112	1.69668	20.2404
zFairLeadML6	m	-13.077	0.526368	-14.9848	-11.1172
xFairLeadML10	m	-3.88291	0.857911	-7.81186	-0.664935
yFairLeadML10	m	7.67763	2.57531	0.228493	17.1213
zFairLeadML10	m	-13.0399	0.364168	-14.5662	-11.4761
xFairLeadML12	m	-3.70365	0.993511	-7.82889	-0.415791
yFairLeadML12	m	6.84465	3.52894	-3.68875	19.9341
zFairLeadML12	m	-13.0676	0.4473	-14.8155	-11.3246

loaded_300degN_RP50yr

name	units	mean	std	min	max
xCOG_FSRU	m	3.15713	1.38856	-0.980815	6.38767
yCOG_FSRU	m	5.82566	1.22674	2.05108	9.59892
zCOG_FSRU	m	9.19317	0.0770779	8.8945	9.4863
xREF_FSRU	m	-0.329747	1.38372	-4.45063	2.8962
yREF_FSRU	m	5.9979	1.26378	2.05323	9.71721
zREF_FSRU	m	-10.8049	0.0718422	-11.0803	-10.5323
ROLL_FSRU	rad	0.00717558	0.0118062	-0.0281568	0.0380415
PITCH_FSRU	rad	-1.10771E-05	0.00222194	-0.00841521	0.00790659
YAW_FSRU	rad	-0.00826502	0.0302707	-0.0682397	0.0669293
WaveHeight-COG	m	-0.000134273	0.477732	-1.85473	1.93183
windSpeed	ms-1	23.9953	2.5542	16.6531	31.3384
FairleadTension1	kN	195.445	256.901	28.6677	1839.71
FairleadTension2	kN	182.91	246.527	28.5623	1804.38
FairleadTension3	kN	175.763	280.603	27.1677	1591.62
FairleadTension4	kN	182.608	285.442	27.2755	1573.84
FairleadTension5	kN	1416.41	445.411	183.592	3004.27
FairleadTension6	kN	1526.8	515.615	172.751	3202.17
FairleadTension7	kN	1377.75	388.579	362.933	3094.44
FairleadTension8	kN	1308.35	405.132	321.586	3084.11
AnchorTension1	kN	191.118	256.76	24.6177	1833.59
AnchorTension2	kN	178.587	246.395	24.5119	1798.31
AnchorTension3	kN	172.027	280.497	23.5897	1586.93
AnchorTension4	kN	178.871	285.335	23.6971	1569.18
AnchorTension5	kN	1410.95	444.83	179.272	2996.97
AnchorTension6	kN	1521.21	514.955	168.442	3194.69
AnchorTension7	kN	1370.65	387.833	357.878	3084.83
AnchorTension8	kN	1301.39	404.345	316.533	3074.52
xManExc	m	-3.67845	0.897203	-7.16412	-1.23477
yManExc	m	5.50886	1.18879	2.1344	9.40535
zManExc	m	-19.872	0.255556	-20.6749	-19.0483
xFairLeadML6	m	-3.81194	1.17256	-7.68863	-1.20441
yFairLeadML6	m	4.7813	3.66238	-3.57197	15.6302
zFairLeadML6	m	-19.941	0.365202	-21.3004	-18.6088
xFairLeadML10	m	-3.59272	0.788811	-6.88565	-1.22079
yFairLeadML10	m	6.57194	3.29701	-0.540887	13.9542
zFairLeadML10	m	-19.8465	0.302458	-20.789	-18.8188
xFairLeadML12	m	-3.64464	1.00298	-7.23963	-1.09493
yFairLeadML12	m	6.99177	4.70527	-3.65634	17.2941
zFairLeadML12	m	-19.9129	0.295879	-20.8819	-18.8111

ballasted_300degN_RP50yr

name	units	mean	std	min	max
xCOG_FSRU	m	3.75274	1.17479	-0.289004	7.05015
yCOG_FSRU	m	5.75082	1.05741	2.77617	8.69163
zCOG_FSRU	m	3.74642	0.0699737	3.47862	4.01779
xREF_FSRU	m	-0.312485	1.17405	-4.37209	2.94968
yREF_FSRU	m	5.81035	1.1182	2.56934	9.11663
zREF_FSRU	m	-9.35318	0.0633885	-9.59363	-9.11052
ROLL_FSRU	rad	0.00198395	0.00796016	-0.0289085	0.0327575
PITCH_FSRU	rad	-1.84018E-05	0.00239845	-0.00871429	0.00878681
YAW_FSRU	rad	-0.00825236	0.0243949	-0.0718588	0.0587878
WaveHeight-COG	m	-0.000005465	0.477603	-1.8798	1.94119
windSpeed	ms-1	23.9953	2.5542	16.6531	31.3384
FairleadTension1	kN	149.259	190.616	29.5987	1473.03
FairleadTension2	kN	139.536	186.48	29.492	1457.53
FairleadTension3	kN	123.736	215.921	27.806	1724.34
FairleadTension4	kN	131.514	225.653	27.9188	1687.68
FairleadTension5	kN	1370.6	392.635	256.413	3060.81
FairleadTension6	kN	1479.53	449.522	242.913	3310.04
FairleadTension7	kN	1322.43	363.112	328.032	2969.68
FairleadTension8	kN	1255.44	378.598	301.326	2965.35
AnchorTension1	kN	144.588	190.501	25.0326	1466.84
AnchorTension2	kN	134.866	186.367	24.9219	1451.28
AnchorTension3	kN	119.634	215.822	23.8478	1718.94
AnchorTension4	kN	127.408	225.548	23.964	1682.33
AnchorTension5	kN	1364.59	392.051	251.987	3052.3
AnchorTension6	kN	1473.37	448.868	238.474	3301.27
AnchorTension7	kN	1314.76	362.34	322.578	2958.91
AnchorTension8	kN	1247.92	377.784	295.877	2954.57
xManExc	m	-4.23481	0.794709	-7.57053	-1.78275
yManExc	m	5.48773	0.906885	2.94415	8.39048
zManExc	m	-13.0663	0.166203	-13.6186	-12.4644
xFairLeadML6	m	-4.35141	1.00933	-8.15224	-1.52203
yFairLeadML6	m	4.67096	2.76082	-3.34979	13.5523
zFairLeadML6	m	-13.0836	0.360927	-14.3764	-11.7316
xFairLeadML10	m	-4.16721	0.71282	-7.33411	-1.88009
yFairLeadML10	m	6.46207	2.83852	-0.833243	13.6828
zFairLeadML10	m	-13.0608	0.238147	-14.0902	-12.0916
xFairLeadML12	m	-4.22681	0.875031	-7.69569	-1.49349
yFairLeadML12	m	6.86996	3.98262	-3.60484	16.866
zFairLeadML12	m	-13.0799	0.300897	-14.2787	-11.8974

loaded_300degN_RP100yr

name	units	mean	std	min	max
xCOG_FSRU	m	3.14502	1.35686	-1.13797	6.56373
yCOG_FSRU	m	6.04605	1.26398	2.42602	9.1831
zCOG_FSRU	m	9.19311	0.0813717	8.87533	9.50567
xREF_FSRU	m	-0.341995	1.35266	-4.59264	3.08137
yREF_FSRU	m	6.22546	1.29999	2.48968	9.39137
zREF_FSRU	m	-10.8047	0.0754941	-11.0936	-10.5197
ROLL_FSRU	rad	0.00747741	0.0124317	-0.0308725	0.0447043
PITCH_FSRU	rad	-8.51637E-06	0.00251533	-0.00918121	0.00912049
YAW_FSRU	rad	-0.00858949	0.029245	-0.0799607	0.0743436
WaveHeight-COG	m	-0.000120675	0.500559	-1.95224	2.06728
windSpeed	ms-1	24.5953	2.61087	17.0746	32.1193
FairleadTension1	kN	176.858	249.693	28.9406	1736.53
FairleadTension2	kN	164.694	237.964	28.808	1682.62
FairleadTension3	kN	157.617	294.115	27.1559	1839.7
FairleadTension4	kN	161.357	292.292	27.2592	1839.14
FairleadTension5	kN	1463.28	455.854	91.6472	3113.39
FairleadTension6	kN	1579.42	522.063	81.7308	3387.09
FairleadTension7	kN	1423.13	404.513	394.06	3130.35
FairleadTension8	kN	1350.77	419.239	365.894	3142.08
AnchorTension1	kN	172.533	249.543	24.7663	1730.64
AnchorTension2	kN	160.373	237.826	24.6321	1676.79
AnchorTension3	kN	153.875	293.976	23.5121	1834.85
AnchorTension4	kN	157.616	292.158	23.6155	1834.29
AnchorTension5	kN	1457.77	455.266	87.5304	3106.01
AnchorTension6	kN	1573.77	521.403	77.624	3379.49
AnchorTension7	kN	1415.96	403.748	388.831	3120.4
AnchorTension8	kN	1343.73	418.437	360.772	3132.12
xManExc	m	-3.68367	0.89237	-7.05478	-1.32626
yManExc	m	5.71736	1.19958	2.50303	9.47525
zManExc	m	-19.8666	0.271498	-20.7469	-18.9985
xFairLeadML6	m	-3.81764	1.15416	-7.80972	-1.01368
yFairLeadML6	m	4.96116	3.51431	-3.57771	17.514
zFairLeadML6	m	-19.9386	0.406335	-21.4517	-18.3901
xFairLeadML10	m	-3.59994	0.790286	-6.70561	-1.39101
yFairLeadML10	m	6.82268	3.25116	-1.67728	14.906
zFairLeadML10	m	-19.8395	0.325578	-20.8102	-18.7448
xFairLeadML12	m	-3.65616	0.99005	-7.12192	-0.919437
yFairLeadML12	m	7.25866	4.60622	-4.64275	18.315
zFairLeadML12	m	-19.9085	0.331662	-21.0016	-18.7356

ballasted_300degN_RP100yr

name	units	mean	std	min	max
xCOG_FSRU	m	3.75704	1.23911	-0.300625	8.25986
yCOG_FSRU	m	6.03492	1.17535	2.22854	11.4992
zCOG_FSRU	m	3.74629	0.0744329	3.46211	4.03254
xREF_FSRU	m	-0.308161	1.23887	-4.34254	4.12895
yREF_FSRU	m	6.09558	1.2224	1.86342	11.5136
zREF_FSRU	m	-9.35323	0.0672758	-9.60797	-9.0989
ROLL_FSRU	rad	0.0020772	0.00849757	-0.0306188	0.033617
PITCH_FSRU	rad	-0.000016227	0.00271158	-0.00982879	0.0101117
YAW_FSRU	rad	-0.00823003	0.0246224	-0.0808943	0.0594313
WaveHeight-COG	m	3.66737E-05	0.500442	-1.98267	2.06581
windSpeed	ms-1	24.5953	2.61087	17.0746	32.1193
FairleadTension1	kN	143.841	177.188	28.8233	2062.33
FairleadTension2	kN	135.39	184.354	28.744	2297.77
FairleadTension3	kN	116.056	195.085	27.5776	1920.62
FairleadTension4	kN	121.504	198.201	27.6798	1924.03
FairleadTension5	kN	1430.97	432.627	97.1703	3445.97
FairleadTension6	kN	1544.47	483.149	98.3095	3628.12
FairleadTension7	kN	1383.57	412.334	135.018	3980.6
FairleadTension8	kN	1302.9	418.755	128.402	3814.96
AnchorTension1	kN	139.175	177.098	24.3658	2054.89
AnchorTension2	kN	130.723	184.239	24.285	2290.53
AnchorTension3	kN	111.959	195.011	23.6866	1915.18
AnchorTension4	kN	117.407	198.127	23.7968	1918.59
AnchorTension5	kN	1424.87	432.003	92.6265	3437.45
AnchorTension6	kN	1538.22	482.465	93.7668	3619.43
AnchorTension7	kN	1375.78	411.491	129.643	3968.95
AnchorTension8	kN	1295.29	417.881	123.027	3803.49
xManExc	m	-4.23108	0.886157	-7.74278	-0.35232
yManExc	m	5.77055	1.11638	1.33152	11.5604
zManExc	m	-13.0648	0.179935	-13.7356	-12.3664
xFairLeadML6	m	-4.34811	1.08282	-8.1407	-0.190496
yFairLeadML6	m	4.9578	2.96715	-5.6823	15.2949
zFairLeadML6	m	-13.0832	0.402799	-14.5638	-11.6558
xFairLeadML10	m	-4.16285	0.815145	-7.58372	-0.489319
yFairLeadML10	m	6.74388	2.81369	-0.773693	15.3783
zFairLeadML10	m	-13.0587	0.268568	-14.367	-11.919
xFairLeadML12	m	-4.22195	0.959241	-7.83786	-0.207509
yFairLeadML12	m	7.15093	3.94597	-3.52259	19.3493
zFairLeadML12	m	-13.0785	0.344426	-14.5221	-11.7786

APPENDIX 2:

EXTREME TOUCHDOWN POINT MOORING LINE CATENARY SHAPES















































































































































































































