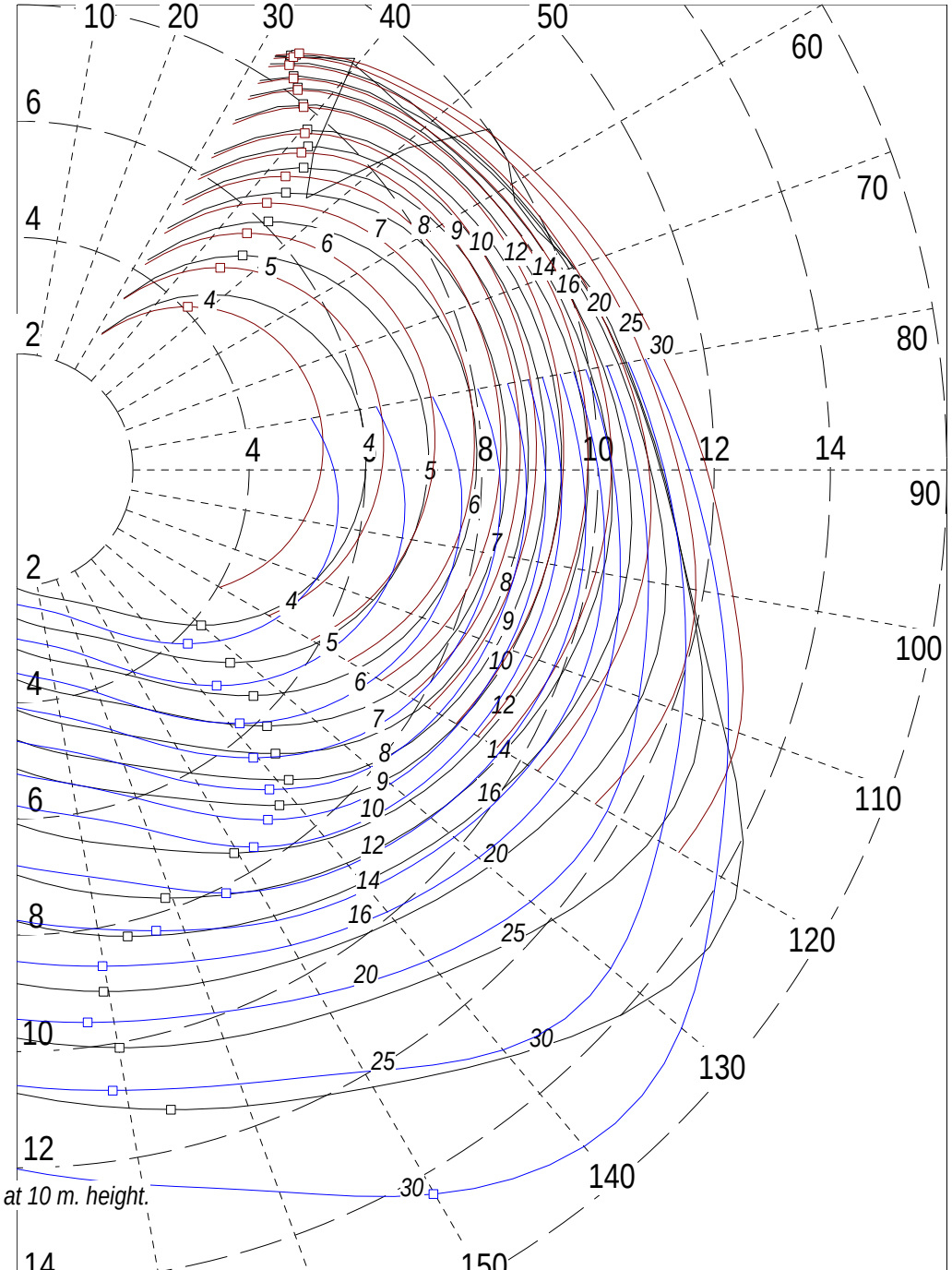
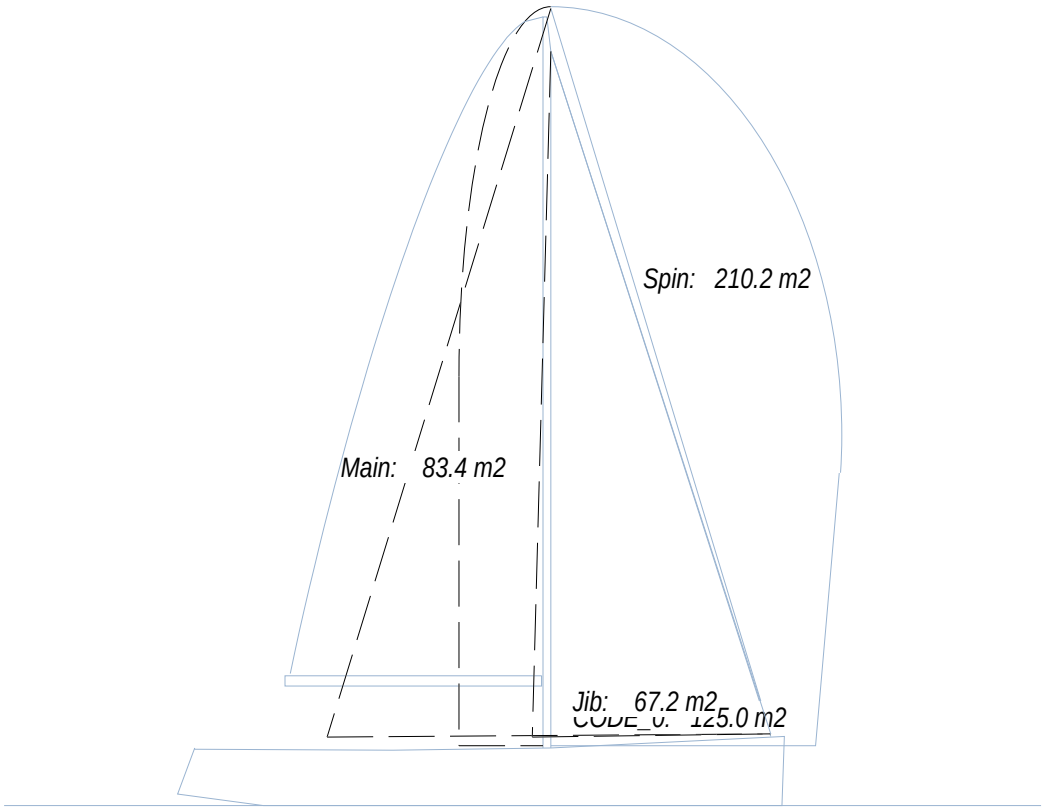


Wind values at 10 m. height.

Rig and Sail Plan Cartoon



Wind values at 10 m. height.

WINDESIGN Flotation Input Data for Condition Half load
Half load [GS 52' LC (STD Draft).lpp 12/30/16 09:54:35]

Basics

Dspl	18437.0
Dsplc	17753.9
Lwl	14.769
Lsunk	16.100
Bwl	4.174
Bmax	4.899
Tc	0.702
Tmax	2.553
Trud	2.210
Ax	2.203
Cp	0.532
Awp	42.08
LCB	-6.30
LCF	-8.10
GYR	0.25
Ad+/-	0.000
PIPA	0.005
HBI,f	1.637
ClxLimit	None

Heel Functions

Heel	WSc	ra	lwl
0	45.578	0.000	14.769
2	45.535	0.077	14.792
10	45.114	0.367	15.050
25	43.007	0.774	15.567
40	41.758	1.021	15.527

Factors

Wing/CB Eff	0.333
Tot Eff Span	1.000
Lift Slope	1.000
+ Heel Drag	1.000
- Heel Drag	1.000
Canoe Form	0.100
Vt Grad	0.100

Appendages

	ws	cm	tc
Fin	4.676	1.718	0.145
Bulb	2.462	2.196	0.145
Rud	2.607	0.576	0.150
Other	0.000	0.000	0.000

Crew Wt	750.0
Crew Arm	2.200
KEEL CANT	0.0

Wind values at 10 m. height.

Rig and Sail Plan Dimensions

Main		Fore		Spin	
P	18.700	IG	19.780	SPL	7.540
E	7.200	J	6.265	SMW	11.640
BAD	2.058	LP	6.476	SLU	24.330
		HBI	1.637	SLE	19.000
				ISP	21.048

Sail Inventory

Name	Area	Span	BaseHt	AFx	Aero	Base
CODE_0	125.000	21.000	0.000	1.000	Jib_0	HEAD
Spin	210.151	21.048	0.000	0.750	ASpin_0	SPIN
Main	83.423	18.700	2.058	1.000	Main_0	MAIN
Jib	67.184	19.780	0.000	1.000	Jib_0	HEAD

Windage Elements

Name	Ax	Ay	Cdx	Cdy	Ht	Type
MainRigging	2.130	2.130	1.000	1.000	8.718	other
MastSail	3.550	6.606	0.400	1.000	8.718	mast w/sail
MastBare	3.550	6.606	0.800	1.100	8.718	mast bare
Hull	6.833	24.177	0.400	0.900	-0.655	hull

Sail Sets and Member Sails

Wind values at 10 m. height.

CODE_0	Upwind	Downwind

Best Boatspeeds (kt)

	4	5	6	7	8	9	10	12	14	16	20	25	30
32.0	2.77	3.48	4.26	4.90	5.47	5.98	6.41	7.09	7.58	7.90	8.23	8.39	8.41
36.0	3.29	4.11	4.89	5.57	6.16	6.66	7.08	7.73	8.13	8.37	8.63	8.77	8.83
40.0	3.74	4.64	5.45	6.14	6.73	7.23	7.64	8.18	8.49	8.69	8.92	9.06	9.15
45.0	4.25	5.21	6.04	6.74	7.34	7.80	8.13	8.56	8.81	8.99	9.21	9.32	9.44
52.0	4.84	5.85	6.71	7.43	7.97	8.32	8.57	8.92	9.15	9.24	9.48	9.70	9.85
60.0	5.35	6.39	7.28	7.96	8.40	8.69	8.91	9.20	9.40	9.56	9.83	10.08	10.28
70.0	5.77	6.83	7.72	8.29	8.68	8.98	9.20	9.50	9.74	9.90	10.22	10.54	10.78
80.0	5.99	7.06	7.90	8.43	8.80	9.10	9.35	9.75	10.01	10.24	10.58	10.95	11.28
90.0	6.01	7.08	7.91	8.43	8.80	9.10	9.37	9.84	10.24	10.52	10.91	11.39	11.87
100.0	5.84	6.90	7.76	8.34	8.77	9.11	9.40	9.88	10.26	10.66	11.35	11.86	12.51
110.0	5.49	6.60	7.54	8.20	8.64	8.99	9.30	9.84	10.36	10.78	11.44	12.56	13.22
120.0	5.13	6.21	7.13	7.89	8.39	8.76	9.08	9.63	10.18	10.71	11.73	12.76	14.34
135.0	4.23	5.23	6.12	6.90	7.61	8.12	8.50	9.10	9.62	10.15	11.30	13.34	15.21
150.0	3.19	4.01	4.80	5.54	6.23	6.87	7.47	8.35	8.95	9.44	10.42	11.95	14.38
160.0	2.69	3.39	4.07	4.75	5.39	6.00	6.58	7.65	8.42	8.98	9.94	11.23	13.21
170.0	2.43	3.06	3.68	4.30	4.90	5.48	6.04	7.10	8.01	8.66	9.64	10.83	12.48
180.0	2.31	2.90	3.50	4.08	4.67	5.23	5.77	6.80	7.74	8.45	9.44	10.58	12.02
Up.Vs	4.49	5.36	6.08	6.65	7.17	7.49	7.70	7.99	8.16	8.28	8.44	8.55	8.66
Up.Bt	47.8	46.5	45.4	44.2	43.5	42.0	40.5	38.1	36.3	35.1	33.9	33.5	34.2
Up.Vmg	3.02	3.69	4.27	4.77	5.20	5.56	5.86	6.29	6.58	6.77	7.01	7.13	7.16
Dn.Vs	4.19	5.06	5.80	6.41	7.01	7.41	7.66	8.12	8.28	8.66	9.58	10.80	14.37
Dn.Bt	135.4	137.1	138.7	140.5	141.7	144.3	147.8	153.6	163.1	170.2	172.7	171.2	150.1
Dn.Vmg	2.99	3.71	4.36	4.95	5.49	6.01	6.48	7.28	7.92	8.53	9.50	10.67	12.45

Wind values at 10 m. height.

Best Heel Angles (deg)

	4	5	6	7	8	9	10	12	14	16	20	25	30
32.0	2.20	3.45	4.51	6.05	7.72	9.40	11.13	14.08	16.46	18.25	20.46	22.04	21.73
36.0	2.53	3.96	5.46	7.27	9.18	11.10	12.91	15.64	17.83	19.31	21.10	22.36	21.75
40.0	2.82	4.40	6.38	8.41	10.49	12.48	14.27	16.97	18.79	19.92	21.43	22.56	21.70
45.0	3.14	5.27	7.48	9.71	11.90	13.92	15.66	17.94	19.46	20.47	21.66	21.02	21.25
52.0	3.46	5.74	8.07	10.79	13.50	15.40	16.93	18.70	19.93	20.71	20.90	21.08	21.37
60.0	3.64	5.94	8.25	10.78	13.42	16.33	17.69	19.85	20.98	20.85	21.00	21.20	21.46
70.0	3.59	5.75	7.81	9.84	11.91	14.16	16.67	20.45	21.06	21.90	21.01	21.19	21.49
80.0	3.28	4.74	6.87	8.43	9.99	11.67	13.51	17.80	21.44	21.74	21.00	21.23	21.45
90.0	2.80	4.00	5.69	6.87	8.03	9.23	10.54	13.55	17.24	21.29	23.14	21.15	21.39
100.0	2.20	3.14	4.08	7.24	8.75	10.27	11.92	15.82	20.34	15.31	20.97	19.78	21.41
110.0	1.57	3.09	4.19	5.57	6.58	7.61	8.71	11.25	14.41	18.16	15.24	21.92	19.63
120.0	1.46	2.16	2.91	3.65	4.29	5.27	5.98	7.59	9.56	11.98	18.47	20.77	21.32
135.0	0.60	0.92	1.27	1.63	2.02	2.37	2.72	3.48	4.40	5.93	9.07	14.82	21.67
150.0	0.17	0.26	0.38	0.51	0.66	0.82	1.00	1.41	1.88	2.44	3.86	6.67	9.85
160.0	0.07	0.12	0.17	0.23	0.30	0.38	0.47	0.69	0.98	1.35	2.30	3.82	6.01
170.0	0.03	0.05	0.08	0.10	0.14	0.17	0.22	0.32	0.45	0.62	1.07	1.80	2.66
180.0	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.03	0.04	0.07	0.14	0.21
Up	3.54	5.39	7.55	9.50	11.51	13.01	14.29	16.45	17.92	19.12	20.83	22.19	21.77
Dn	0.61	0.83	1.02	1.15	1.33	1.34	1.25	1.15	0.85	0.64	0.81	1.66	9.82

Wind values at 10 m. height.

Best Flat

	4	5	6	7	8	9	10	12	14	16	20	25	30
32.0	1.000	1.000	0.830	0.816	0.797	0.769	0.738	0.661	0.581	0.512	0.401	0.307	0.522
36.0	1.000	1.000	0.886	0.868	0.844	0.810	0.767	0.672	0.590	0.518	0.406	0.312	0.594
40.0	1.000	1.000	0.936	0.914	0.881	0.836	0.784	0.692	0.604	0.528	0.415	0.321	0.664
45.0	1.000	1.000	0.997	0.966	0.920	0.867	0.813	0.716	0.626	0.550	0.433	0.932	0.955
52.0	1.000	1.000	1.000	1.000	0.981	0.923	0.864	0.762	0.667	0.994	1.000	1.000	1.000
60.0	1.000	1.000	1.000	1.000	1.000	1.000	0.938	0.853	0.749	1.000	1.000	1.000	1.000
70.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.946	0.853	0.757	1.000	1.000	1.000
80.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.964	0.881	1.000	1.000	1.000
90.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.859	1.000	1.000
100.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
110.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
120.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
135.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
150.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
160.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
170.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
180.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Up	1.000	1.000	1.000	0.957	0.909	0.850	0.790	0.684	0.591	0.516	0.403	0.308	0.561
Dn	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Wind values at 10 m. height.

Best Reef or Twist

	4	5	6	7	8	9	10	12	14	16	20	25	30
32.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.985	0.974	0.961	0.930	0.885	0.799
36.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.979	0.966	0.950	0.914	0.863	0.761
40.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.973	0.957	0.940	0.899	0.843	0.732
45.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.966	0.948	0.928	0.884	0.719	0.641
52.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.957	0.937	0.905	0.809	0.717	0.647
60.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.948	0.927	0.935	0.839	0.746	0.673
70.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.922	0.901	0.888	0.791	0.715
80.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.905	0.952	0.850	0.769
90.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.883	0.925	0.836
100.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.902	1.000	0.922
110.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.888	1.000
120.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.904	0.859
135.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	0.989
150.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
160.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
170.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
180.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Up	1.000	1.000	1.000	1.000	1.000	0.989	0.985	0.976	0.965	0.952	0.922	0.876	0.777
Dn	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Best Leeway

	4	5	6	7	8	9	10	12	14	16	20	25	30
32.0	8.69	8.58	6.90	6.86	6.87	6.84	6.85	6.79	6.71	6.74	6.95	7.44	7.91
36.0	7.10	7.04	6.25	6.26	6.29	6.30	6.26	6.13	6.16	6.25	6.50	6.95	7.37
40.0	6.10	6.11	5.81	5.84	5.86	5.82	5.76	5.79	5.86	5.94	6.19	6.63	6.99
45.0	5.25	5.31	5.42	5.44	5.41	5.38	5.39	5.50	5.58	5.67	5.89	6.50	7.00
52.0	4.45	4.53	4.66	4.83	5.00	5.04	5.08	5.20	5.26	5.38	5.62	5.96	6.36
60.0	3.81	3.89	3.99	4.16	4.43	4.77	4.81	5.10	5.18	4.89	5.07	5.34	5.64
70.0	3.21	3.27	3.35	3.51	3.73	3.98	4.27	4.66	4.80	4.88	4.45	4.63	4.85
80.0	2.73	2.76	2.82	2.95	3.12	3.30	3.50	3.95	4.30	4.45	3.88	4.00	4.12
90.0	2.32	2.33	2.37	2.46	2.58	2.71	2.85	3.14	3.45	3.81	4.10	3.38	3.38
100.0	1.95	1.94	1.95	2.14	2.27	2.40	2.54	2.82	3.13	2.87	3.37	2.72	2.71
110.0	1.59	1.68	1.70	1.74	1.81	1.89	1.98	2.17	2.35	2.55	2.42	2.71	2.04
120.0	1.35	1.35	1.34	1.35	1.38	1.43	1.49	1.62	1.75	1.87	2.08	1.99	1.84
135.0	0.84	0.83	0.83	0.82	0.82	0.83	0.86	0.95	1.05	1.15	1.30	1.24	1.12
150.0	0.43	0.42	0.42	0.42	0.42	0.43	0.44	0.48	0.54	0.62	0.77	0.86	0.71
160.0	0.27	0.26	0.26	0.26	0.26	0.27	0.27	0.29	0.33	0.39	0.52	0.63	0.59
170.0	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.16	0.17	0.19	0.26	0.33	0.33
180.0	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.03
Up	4.91	5.11	5.39	5.50	5.53	5.62	5.72	5.94	6.13	6.33	6.72	7.23	7.59
Dn	0.83	0.76	0.71	0.65	0.62	0.56	0.48	0.39	0.28	0.19	0.19	0.29	0.71

Wind values at 10 m. height.

Best Apparent Wind Speed

	4	5	6	7	8	9	10	12	14	16	20	25	30
32.0	6.5	8.2	9.9	11.4	13.0	14.4	15.8	18.3	20.7	22.8	27.0	31.9	36.7
36.0	6.9	8.7	10.4	11.9	13.4	14.9	16.2	18.7	20.9	23.0	27.0	31.8	36.7
40.0	7.3	9.1	10.7	12.3	13.8	15.2	16.5	18.8	20.9	23.0	26.9	31.7	36.6
45.0	7.6	9.4	11.1	12.7	14.1	15.4	16.6	18.8	20.8	22.8	26.7	31.5	36.3
52.0	8.0	9.7	11.4	12.9	14.3	15.4	16.5	18.5	20.5	22.3	26.2	30.9	35.7
60.0	8.1	9.9	11.5	12.9	14.1	15.1	16.1	18.0	19.8	21.7	25.5	30.1	34.8
70.0	8.1	9.7	11.2	12.5	13.6	14.6	15.5	17.2	18.9	20.7	24.4	28.9	33.4
80.0	7.8	9.3	10.7	11.8	12.8	13.7	14.6	16.3	17.8	19.5	23.0	27.4	31.9
90.0	7.2	8.7	9.9	10.9	11.8	12.7	13.6	15.2	16.8	18.2	21.3	25.8	30.2
100.0	6.5	7.8	8.9	9.9	10.7	11.5	12.3	13.8	15.0	17.1	19.9	24.2	28.3
110.0	5.6	6.8	7.9	8.7	9.5	10.3	11.0	12.4	13.9	15.2	18.6	22.0	26.6
120.0	4.7	5.7	6.6	7.5	8.2	8.9	9.5	10.9	12.4	13.8	16.4	20.1	24.0
135.0	3.2	3.9	4.6	5.3	6.0	6.6	7.2	8.5	9.9	11.3	14.2	17.6	20.4
150.0	2.0	2.5	3.0	3.5	4.1	4.6	5.1	6.3	7.7	9.1	12.2	15.7	18.7
160.0	1.7	2.2	2.6	3.0	3.5	3.9	4.4	5.5	6.7	8.2	11.2	14.9	18.1
170.0	1.7	2.1	2.5	2.9	3.3	3.7	4.2	5.2	6.3	7.6	10.6	14.5	17.8
180.0	1.7	2.1	2.5	2.9	3.3	3.8	4.2	5.2	6.3	7.6	10.6	14.4	18.0
Up	7.8	9.5	11.1	12.6	14.0	15.3	16.5	18.8	20.9	23.0	27.0	31.9	36.7
Dn	3.1	3.7	4.2	4.6	5.0	5.3	5.4	5.9	6.5	7.6	10.6	14.4	18.7

Wind values at 10 m. height.

Best Apparent Wind Angle

	4	5	6	7	8	9	10	12	14	16	20	25	30
32.0	19.0	18.9	18.7	18.8	18.9	19.1	19.2	19.6	20.1	20.5	21.5	22.5	23.5
36.0	19.8	19.8	19.8	20.0	20.2	20.4	20.7	21.2	21.9	22.6	23.8	25.1	26.3
40.0	20.7	20.7	20.9	21.1	21.5	21.8	22.1	23.0	23.9	24.7	26.2	27.7	29.1
45.0	21.8	21.9	22.2	22.6	23.0	23.5	24.1	25.3	26.4	27.5	29.3	31.4	32.8
52.0	23.4	23.7	24.2	24.7	25.4	26.2	27.0	28.7	30.2	31.6	34.0	36.2	37.8
60.0	25.2	25.8	26.6	27.4	28.5	29.5	30.6	32.6	34.5	36.3	39.1	41.7	43.6
70.0	27.8	28.7	29.7	31.2	32.7	34.2	35.4	37.7	40.1	42.1	45.7	48.8	51.2
80.0	30.5	31.7	33.2	35.2	37.2	39.1	40.7	43.4	45.7	48.2	52.5	56.2	58.9
90.0	33.7	35.2	37.0	39.5	42.0	44.3	46.3	49.8	52.4	54.6	59.1	63.8	66.8
100.0	37.4	39.2	41.2	43.8	46.5	49.1	51.4	55.4	58.6	62.5	66.6	71.8	75.0
110.0	42.4	43.9	45.7	48.4	51.6	54.8	57.6	62.5	66.3	69.4	75.7	79.3	83.5
120.0	47.9	49.4	51.5	54.1	57.6	61.2	64.6	70.5	75.1	78.6	83.8	89.0	91.3
135.0	63.7	64.4	66.2	68.5	71.0	74.5	78.5	85.9	91.6	95.9	101.5	104.1	106.6
150.0	97.8	97.4	97.5	98.5	99.9	101.6	103.4	108.8	114.4	118.9	124.6	128.0	128.1
160.0	127.9	127.5	127.3	127.4	127.9	128.6	129.5	131.5	134.7	137.9	142.3	145.1	145.7
170.0	155.3	155.1	155.0	154.9	155.0	155.2	155.5	156.2	157.2	158.6	161.0	162.5	163.0
180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0	180.0
Up	22.4	22.3	22.3	22.4	22.6	22.5	22.3	22.1	22.0	22.1	22.5	23.5	25.0
Dn	64.4	67.7	71.8	77.3	81.6	88.9	98.6	116.3	141.6	159.0	166.0	164.6	128.2

Wind values at 10 m. height.

Course Times

(Time in secs for 1 nm course, otherwise decimal hours)

	LR 1.00	WL 1.00	OLYMPIC 1.00	CR 1.00
4.0	819	1199	1106	875
5.0	678	974	900	718
6.0	590	834	773	622
7.0	535	741	689	560
8.0	498	674	628	517
9.0	471	623	585	485
10.0	451	585	554	463
12.0	422	534	512	431
14.0	403	501	485	411
16.0	388	477	465	395
20.0	364	446	438	373
25.0	339	421	413	351
30.0	314	396	394	331

Times for 1 nm (secs)

	4	5	6	7	8	9	10	12	14	16	20	25	30
32.0	1299.3	1033.1	846.0	734.5	657.7	602.3	561.7	507.6	475.0	455.8	437.2	429.2	428.0
36.0	1095.8	875.2	735.7	646.5	584.6	540.8	508.2	465.5	442.9	430.3	417.1	410.5	407.6
40.0	962.4	775.6	661.0	586.2	535.1	497.9	471.3	440.1	424.1	414.5	403.6	397.6	393.6
45.0	847.9	691.3	595.7	534.0	490.6	461.5	442.7	420.8	408.5	400.6	391.1	386.4	381.5
52.0	744.4	615.4	536.8	484.3	451.9	432.6	420.0	403.5	393.4	389.5	379.6	371.2	365.5
60.0	673.5	563.2	494.6	452.4	428.7	414.0	404.1	391.1	382.8	376.4	366.3	357.0	350.2
70.0	623.7	526.9	466.6	434.1	414.6	401.1	391.2	378.8	369.7	363.7	352.3	341.7	333.9
80.0	601.5	510.0	455.6	427.1	409.0	395.5	384.8	369.3	359.8	351.5	340.3	328.7	319.1
90.0	599.4	508.7	455.0	427.1	409.1	395.4	384.1	365.9	351.7	342.2	330.0	316.0	303.2
100.0	616.2	521.5	463.6	431.7	410.6	395.4	383.1	364.2	351.0	337.7	317.2	303.4	287.7
110.0	656.0	545.6	477.1	439.1	416.6	400.4	387.3	365.7	347.6	334.1	314.7	286.7	272.4
120.0	701.7	580.0	504.6	456.5	429.3	410.9	396.6	373.8	353.8	336.2	306.9	282.1	251.0
135.0	851.9	688.5	588.4	521.7	473.3	443.2	423.3	395.7	374.2	354.7	318.7	269.9	236.6
150.0	1128.6	898.4	749.8	649.6	577.8	524.2	481.8	430.9	402.4	381.5	345.6	301.3	250.4
160.0	1337.0	1063.1	883.6	758.1	667.8	599.7	547.2	470.7	427.5	400.8	362.3	320.5	272.6
170.0	1480.3	1178.2	978.6	837.9	734.6	656.5	595.6	507.1	449.3	415.6	373.6	332.4	288.6
180.0	1558.1	1240.4	1030.0	881.5	771.6	688.6	623.5	529.3	464.9	426.1	381.3	340.2	299.5
Up	1193.7	975.9	842.4	754.8	692.6	647.2	614.8	572.5	547.4	531.5	513.8	505.1	502.5
Dn	1204.5	971.1	826.2	727.7	655.2	598.5	555.1	494.8	454.4	421.9	379.0	337.4	289.1

Wind values at 10 m. height.