

Table 1

Web and other data compiled to 26xii07

U.S. liquid gallon = 231 cubic inches = 3.785411784 litres (exactly) or about 0.13368 cubic feet.

1 cubic foot = 12x12x12 cubic inches = 1728 cubic inches = 28.316846592 Litres

Line	Country	Company	Model	Primary buoyancy type	Year	Ratio	Buoyant (L)	non-Buoyant (L)	% non-buoyant	% buoyant	Total (L)	Fore (L)	Mild (L)	Total cockpit (L)	1st cockpit (L)	2nd cockpit (L)	Rear (L)	
Decked, single kayaks for which volume information is available																		
1	USA	Eddyline	Skylark	bulkhead	2007	0.1	34.0	239.4	88	12	271.0	0.0	0.0	239.4	239.4	0	34.0	
2	USA	Nimbus	Klemtu	bulkhead	2007	0.5	120.0	235.0	66	34	355	0.0	0.0	235.0	235	0	120.0	
3	Finland	Kajak Sport Oy	Infinity std.	bulkhead	2007	0.5	120.0	230.0	66	34	350	0.0	10.0	230.0	230	0	110.0	
4	Finland	Kajak Sport Oy	Vivace Activ	bulkhead	2007	0.4	100.0	270.0	73	27	370	0.0	10.0	270.0	270	0	90.0	
5	USA	Nimbus	Cygnat	bulkhead	2007	0.6	97.0	165.0	63	37	262	32.0	0.0	165.0	165	0	65.0	
6	UK	North Shore	Mystic	bulkhead	2007	0.6	90.0	150.0	63	38	240	35.0	0.0	150.0	150	0	55.0	
7	USA	Eddyline	Night Hawk 16	bulkhead	2007	0.7	110.1	163.1	61	39	268.3	42.1	0.0	163.1	163.1	0	68.0	
8	USA	Nimbus	Kap Farvel	bulkhead	2007	0.6	100.0	155.0	61	39	255	57.0	0.0	155.0	155	0	43.0	
9	USA	Eddyline	Equinox	bulkhead	2007	0.7	137.0	202.6	61	39	334.1	60.5	0.0	202.6	202.6	0	76.5	
10	USA	Eddyline	Merlin LT	bulkhead	2007	0.7	106.4	147.3	59	41	249.9	52.6	0.0	147.3	147.3	0	53.8	
11	USA	Nimbus	Lootas Excel	bulkhead	2007	0.7	140.0	200.0	59	41	340	50.0	0.0	200.0	200	0	90.0	
12	UK	P&H	Capella, polythene	bulkhead	2002	0.7	124.0	175.0	59	41	299	44	0	175.0	175	0	80	
13	UK	P&H	Capella polythene	bulkhead	2002	0.7	124.0	175.0	59	41	299	44.0	0.0	175.0	175	0	80.0	
14	Canada	Impex Kayaks	Montauk	bulkhead	2007	0.7	95.4	131.6	58	42	227	42.4	0.0	131.6	131.6	0	53.0	
15	USA	Eddyline	Night Hawk 17.5	bulkhead	2007	0.8	173.4	226.2	58	42	392.0	65.8	0.0	226.2	226.2	0	107.6	
16	USA	Eddyline	Falcon S18	bulkhead	2007	0.8	140.2	171.0	56	44	305.2	55.2	0.0	171.0	171.0	0	85.0	
17	USA	Eddyline	Merlin XT	bulkhead	2007	0.9	139.6	163.1	55	45	297.3	63.1	0.0	163.1	163.1	0	76.5	
18	USA	Nimbus	Seafarer	bulkhead	2007	0.8	189.0	225.0	54	46	414	81.0	0.0	225.0	225	0	108.0	
19	Canada	Impex Kayaks	Mystic	bulkhead	2007	0.9	96.3	111.7	54	46	208	34.7	0.0	111.7	111.7	0	61.6	
20	Finland	Kajak Sport Oy	Artisan Millenium	bulkhead	2007	0.9	175.0	195.0	53	47	370	70.0	0.0	195.0	195	0	105.0	
21	UK	Valley	Nordkapp HM standard	bulkhead	1989	0.9	150.0	163.0	52	48	313	62	0	163.0	163	0	88	
22	USA	Nimbus	Solander	bulkhead	2007	0.9	155.0	167.0	52	48	322	68.0	0.0	167.0	167	0	87.0	
23	USA	Nimbus	Horizon	bulkhead	2007	0.9	155.0	165.0	52	48	320	70.0	0.0	165.0	165	0	85.0	
24	USA	Nimbus	Horizon-S	bulkhead	2007	0.9	155.0	165.0	52	48	320	70.0	0.0	165.0	165	0	85.0	
25	USA	Nimbus	NJAK	bulkhead	2007	1.0	162.0	170.0	51	49	332	72.0	0.0	170.0	170	0	90.0	
26	UK	Valley	Skerray RM	bulkhead	1990	1.0	159.1	165.9	51	49	325	56.9	0	165.9	165.9	0	102.2	
27	UK	North Shore	Calypto	bulkhead	2007	1.0	175.0	175.0	50	50	350	60.0	0.0	175.0	175	0	115.0	
28	USA	Nimbus	Zoom	bulkhead	2007	1.0	165.0	165.0	50	50	330	75.0	0.0	165.0	165	0	90.0	
29	Finland	Kajak Sport Oy	Viking	bulkhead	2007	1.0	160.0	160.0	50	50	320	60.0	0.0	160.0	160	0	100.0	
30	USA	Nimbus	Telkwa HV	bulkhead	2007	1.0	236.0	234.0	50	50	470	90.0	0.0	234.0	234	0	146.0	
31	UK	North Shore	Buccaneer	bulkhead	2007	1.0	190.0	185.0	49	51	375	85.0	0.0	185.0	185	0	105.0	
32	Finland	Kajak Sport Oy	Viviane	bulkhead	2007	1.1	205.0	195.0	49	51	400	90.0	0.0	195.0	195	0	115.0	
33	USA	Nimbus	Telkwa	bulkhead	2007	1.1	215.0	195.0	48	52	410	80.0	0.0	195.0	195	0	135.0	
34	USA	Nimbus	Telkwa Sport	bulkhead	2007	1.2	210.0	180.0	46	54	390	80.0	0.0	180.0	180	0	130.0	
35	USA	Nimbus	Lootas	bulkhead	2007	1.3	175.0	135.0	44	56	310	65.0	0.0	135.0	135	0	110.0	
36	USA	Nimbus	Eco Bezhig	bulkhead	2007	1.5	250.0	165.0	40	60	415	95.0	70.0	165.0	165	0	85.0	

Line	Country	Company	Model	Primary buoyancy type	Year	Ratio	Buoyant (L)	non-Buoyant (L)	% non-buoyant	% buoyant	Total (L)	Fore (L)	Mid (L)	Total cockpit (L)	1st cockpit (L)	2nd cockpit (L)	Rear (L)
37	Canada	Seaward Kayaks	Shadow	bulkhead	2007	1.2	202.0	175.0	46	54	377	78.0	42.0	175.0	175	0	82.0
38	Canada	Impex Kayaks	Assateague	bulkhead	2007	1.0	181.0	179.0	50	50	360	57.8	38.5	179.0	179.0	0	84.7
39	Canada	Impex Kayaks	Force Category 5	bulkhead	2007	1.1	181.0	160.0	47	53	341	57.8	38.5	160.0	160.0	0	84.7
40	Canada	Impex Kayaks	Force Category 4	bulkhead	2007	1.1	181.0	160.0	47	53	341	57.8	38.5	160.0	160.0	0	84.7
41	UK	P&H	Quest	bulkhead	2002	1.2	178.0	150.0	46	54	328	50	38	150.0	150	0	90
42	UK	P&H	Quest	bulkhead	2002	1.2	178.0	150.0	46	54	328	50.0	38.0	150.0	150	0	90.0
43	Sweden	Skim	Distance	bulkhead	2007	1.4	193.0	135.0	41	59	328	85.0	38.0	135.0	135	0	70.0
44	Canada	Seaward Kayaks	Legend	bulkhead	2007	1.3	188.0	150.0	44	56	338	76.0	36.0	150.0	150	0	76.0
45	Canada	Impex Kayaks	Force Category 3	bulkhead	2007	1.0	161.7	160.3	50	50	322	53.9	34.7	160.3	160.3	0	73.2
46	Canada	Impex Kayaks	Currituck	bulkhead	2007	1.2	162.8	140.2	46	54	303	56.8	34.1	140.2	140.2	0	71.9
47	UK	P&H	Capella	bulkhead	2002	1.1	166.0	155.0	48	52	321	47	34	155.0	155	0	85
48	UK	P&H	Capella	bulkhead	2002	1.1	166.0	155.0	48	52	321	47.0	34.0	155.0	155	0	85.0
49	USA	Eddyline	Fathom	bulkhead	2007	0.9	159.2	184.2	54	46	338.8	64.5	31.3	184.2	184.2	0	63.4
50	UK	P&H	Vela	bulkhead	2002	0.9	121.0	135.0	53	47	256	43	30	135.0	135	0	48
51	UK	P&H	Vela	bulkhead	2002	0.9	121.0	135.0	53	47	256	43.0	30.0	135.0	135	0	48.0
52	Sweden	Skim	Dex	bulkhead	2007	1.1	136.0	120.0	47	53	256	52.0	30.0	120.0	120	0	54.0
53	Canada	Seaward Kayaks	Silhouette	bulkhead	2007	1.2	160.0	130.0	45	55	290	66.0	30.0	130.0	130	0	64.0
54	UK	P&H	Easky, polythene	bulkhead	2002	0.8	119.0	158.0	57	43	277	37	29	158.0	158	0	53
55	UK	P&H	Easky, polythene	bulkhead	2002	0.8	119.0	158.0	57	43	277	37.0	29.0	158.0	158	0	53.0
56	UK	P&H	Sirius M	bulkhead	2002	1.0	149.0	145.0	49	51	294	55	29	145.0	145	0	65
57	UK	P&H	Sirius M	bulkhead	2002	1.0	149.0	145.0	49	51	294	55.0	29.0	145.0	145	0	65.0
58	USA	Eddyline	Fathom LV	bulkhead	2007	0.8	127.3	159.4	56	44	283.1	47.9	27.9	159.4	159.4	0	51.5
59	UK	North Shore	Atlantic	bulkhead	2007	0.9	175.0	185.0	51	49	360	65.0	25.0	185.0	185	0	85.0
60	UK	North Shore	Atlantic RM	bulkhead	2007	0.9	175.0	185.0	51	49	360	65.0	25.0	185.0	185	0	85.0
61	UK	North Shore	Mariner	bulkhead	2007	1.0	170.0	170.0	50	50	340	70.0	25.0	170.0	170	0	75.0
62	UK	North Shore	Buccaneer	bulkhead	2007	1.0	190.0	185.0	49	51	375	85.0	25.0	185.0	185	0	80.0
63	UK	North Shore	Buccaneer LC	bulkhead	2007	1.0	190.0	185.0	49	51	375	85.0	25.0	185.0	185	0	80.0
64	UK	North Shore	Mistral	bulkhead	2007	0.9	140.0	150.0	52	48	290	50.0	20.0	150.0	150	0	70.0
65	UK	North Shore	Polar	bulkhead	2007	1.0	175.0	175.0	50	50	350	65.0	20.0	175.0	175	0	90.0
66	UK	North Shore	Shore Line	bulkhead	2007	0.9	130.0	145.0	53	47	275	45.0	19.0	145.0	145	0	66.0
67	Finland	Kajak Sport Oy	Marlin Activ	bulkhead	2007	1.2	221.0	179.0	45	55	400	73.0	10.0	179.0	179	0	138.0
			Mean			0.9	155.1	170.4	52.8	47.2	324.8	57.1	15.3	170.4	170.4	n/a	82.7
			SD			0.2	38.4	30.0	7.6	7.6	50.5	20.8	17.0	30.0	30.0	n/a	23.4
			Single decked kayaks with MVC (Minimum Volume Cockpit usually about 100 litres volume)														
68	UK	designer prototype +	Sea Tiger 4 + 20L cockpit bag	MVC	1984	3.1	275	90.0	23	77	385	0	20	90.0	90	0	0
69	UK	UK Surf Skis	Sea Tiger standard	MVC	1987	2.6	250	95.0	28	72	345	0	0	95.0	95	0	0
70	UK	designer prototype	Sea Tiger 4, designer prototype	MVC	1984	2.5	275	110.0	29	71	385	0	0	110.0	110	0	0
71	UK	P&H theoretical modification	Quest with 100 L cockpit	MVC - theoretical	n/a	2.3	228.0	100.0	30	70	328	50	88	100.0	100	0	90
			Mean			2.6	257.0	98.8	27.5	72.5	360.8	12.5	27.0	98.8	98.8	n/a	22.5
			SD			0.3	22.6	8.5	3.0	3.0	28.8	25.0	41.7	8.5	8.5	n/a	45.0

Line	Country	Company	Model	Primary buoyancy type	Year	Ratio	Buoyant (L)	non-Buoyant (L)	% non-buoyant	% buoyant	Total (L)	Fore (L)	Mid (L)	Total cockpit (L)	1st cockpit (L)	2nd cockpit (L)	Rear (L)	
Single decked kayaks with open hull presumably reliant on air bags for primary buoyancy																		
72	USA	Eddyline	Sandpiper (no bulkheads)	air bags?	2007	0.0	0.0	277.5	100	0	277.5	0.0	0.0	277.5	277.5	0	0.0	
73	USA	Nimbus	Sprint (no bulkheads)	air bags?	2007	0.0	0.0	334.0	100	0	334	0.0	0.0	334.0	334	0	0.0	
Double kayaks																		
74	USA	Nimbus	Skana (K-2)	bulkhead	2007	0.9	376.0	424.0	53	47	800	91.0	135.0	424.0	197	227	150.0	
75	UK	North Shore	Atlantic II	bulkhead	2007	0.8	275.0	350.0	56	44	625	105.0	0.0	350.0	160	190	170.0	
76	UK	North Shore	Calypso II LC	bulkhead	2007	0.8	275.0	350.0	56	44	625	105.0	0.0	350.0	160	190	170.0	
77	USA	Nimbus	Hyak (K-2)	bulkhead	2007	0.5	240.0	450.0	65	35	690	90.0	0.0	450.0	195	255	150.0	
78	USA	Nimbus	Kanaka (K-2)	bulkhead	2007	0.4	184.0	420.0	70	30	604	70.0	0.0	420.0	210	210	114.0	
79	USA	Nimbus	Kerama (K-2)	bulkhead	2007	0.4	240.0	585.0	71	29	825	105.0	0.0	585.0	270	315	135.0	
80	USA	Eddyline	Whisper CL	bulkhead	2007	0.4	145.9	382.3	37	63	520.9	55.2	0.0	382.3	191.1	191	90.6	
			Mean			0.6	248.0	423.0	58.2	41.8	670.0	88.7	19.3	423.0	197.6	225.4	139.9	
			SD			0.2	73.6	80.9	11.8	11.8	109.5	19.5	51.0	80.9	37.1	46.2	29.3	