

CHARTS INKS & PENS

Chart No.	Range	Chart Period hrs/rev	Grid Size		Least Division		Style Fig (8)	Remarks
			Width	Length	Range	Time		
■ Universal Rain Gage Series 5-780								
5-4003-B	0 to 6", ST	24	6.00"	11.52"	0.05"	20 min.	B	
5-4006-B	0 to 6", ST	192	6.00"	11.52"	0.05"	2 hrs.	B	
5-4006-MM	0 to 150 mm, ST	192	6.00"	11.30"	1 mm	2 hrs.	A	
5-4041-B	0 to 12", DT	6	6.00"	11.52"	0.05"	5 min.	B	
5-4044-B	0 to 12", DT	48	6.00"	11.52"	0.05"	15 min.	B	
5-4045-B	0 to 6", DT	96	6.00"	11.52"	0.05"	1 hr.	B	
5-4046-B	0 to 12", DT	192	6.00"	11.52"	0.05"	2 hrs.	B	
5-4046-MM	0 to 300 mm, DT	192	6.00"	11.30"	1 mm	2 hrs.	A	
5-4047-B	0 to 12", DT	24	6.00"	11.52"	0.05"	15 min.	B	
5-4048-B	0 to 4.8", DT	6	6.00"	11.52"	0.02"	5 min.	B	
5-4049-B	0 to 4.8", DT	24	6.00"	11.52"	0.02"	15 min.	B	
5-4050-B	0 to 4.8", DT	192	6.00"	11.52"	0.02"	2 hrs.	B	
5-4068	0 to 20", DT	168	6.00"	11.52"	0.1"	2 hrs.	B	
15620	0 to 300 mm, DT	861 (1)	6.00"	11.52"	1 mm	6 hrs.	B	
15668	0 to 12", DT	861 (1)	6.00"	11.52"	0.05"	6 hrs.	B	
15669	0 to 20", DT	861 (1)	6.00"	11.52"	0.1"	6 hrs.	B	
16216	0 to 500 mm, DT	168	6.00"	11.52"	2 mm	2 hrs.	B	
16217	0 to 500 mm, DT	861 (1)	6.00"	11.52"	2 mm	6 hrs.	B	
16844	0 to 12", DT	168	6.00"	11.52"	0.05"	2 hrs.	B	
■ Precipitation Gage Model 6071								
14836	0 to 30", DT	168	6.00"	11.52"	0.1"	2 hrs.	B	
16052	0 to 30", DT	861 (1)	6.00"	11.52"	0.1"	6 hrs.	B	
16053	0 to 750 mm, DT	168	6.00"	11.52"	2 mm	2 hrs.	B	
16054	0 to 750 mm, DT	861 (1)	6.00"	11.52"	2 mm	6 hrs.	B	
■ Leaf Wetness Recorder Model 6098								
17391	Temp: 0° to +100°F Hum.: 0 to 100%	176	4.75"	11.52"	2° 2%	2 hrs.	A	
18653	Temp: -12° to +43°C Hum.: 0 to 100%	176	4.75"	11.52"	1° 2%	2 hrs.	A	
■ Water Level Recorder Model 5-FW-1								
5-1940-AB	50 Divisions	6, 12, 24	5.00"	14.40"		1, 2, 4 min.	B	
5-1941-AB	50 Divisions	96, 192	5.00"	14.40"		15, 30 min.	B	
5-1951-B	50 Divisions	8, 96, 192	5.00"	14.40"		5 min. 1, 2 hrs.	B	
15666	50 Divisions	861 (1)	5.00"	14.40"		6 hrs.	B	
■ Tipping Bucket Rain Gage Series 300								
1015080	24		7"	11.25"				
■ Wind Recorder Model 1360 & 141								
5-1010-75-1.5	Dir.: 360° Speed: 0 to 75 mph	1.5 in/hr	3.75"	102'	5° 1 unit	30 min.		
5-1010-75-3A	Dir.: 360° Speed: 0 to 75 mph	3.0 in/hr	3.75"	102'	5° 1 unit	15 min.		(4)
5-1010-120-1.5	Dir.: 360° Speed: 0 to 120 mph	1.5 in/hr	3.75"	102'	5° 2 units	30 min.		
5-1010-120-3B	Dir.: 360° Speed: 0 to 120 mph	3.0 in/hr	3.75"	114'	10° 2 units	15 min.		(5)
5-1010-150M-3	Dir.: 360° Speed: 0 to 150 km/hr	3.0 in/hr	3.75"	102'	5° 2 km/hr	15 min.		(6)
518414	Dir.: 0 to 540° Speed: 0 to 100 mph	3.0 in/hr	—	93'	10° 2 mph	1 hr.		
518414-1	Dir.: 0 to 540° Speed: 0 to 100 mph	1.5 in/hr	—	93'	10° 2 mph	2 hrs.		
516993	Dir.: 0 to 540° Speed: 0 to 120 knots	3.0 in/hr	—	93'	10° 2 knots	1 hr.		
521637	Dir.: 0 to 540° Speed: 0 to 160 km/hr	3.0 in/hr	—	93'	10° 2 km/hr	1 hr.		
2420658	Dir.: 0 to 540° Speed: 0 to 50 m/s	3.0 in/hr	—	93'	10° 1 m/s	1 hr.		
■ Pyranograph Model 5-3850								
5-1050-AD	-0.3-3 Langley/min	24	3.12"	14.18"	0.1 Langley/min	15 min.	A	
5-1050-AW	-0.3-3 Langley/min	192	3.12"	14.18"	0.1 Langley/min	2 hrs.	A	
15667	-0.3-3 Langley/min	861 (1)	3.12"	14.18"	0.1 Langley/min	6 hrs.	A	

Chart No.	Range	Chart Period hrs/rev	Grid Size		Least Division		Style Fig. (8)	Remarks
			Width	Length	Range	Time		
■ Hygrothermograph Model 594								
5-207-D	+10° to +110°F 0 to 100% R.H.	29	—	11.30"	2° 2%	30 min.	A	
5-207-W	+10° to +110°F 0 to 100% R.H.	176	—	11.30"	2° 2%	2 hrs.	A	
5-207-WB	+10° to +110°F 0 to 100% R.H.	176	—	11.52"	2° 2%	2 hrs.	B	
5-208-D	-12° to +43°C 0 to 100% R.H.	29	—	11.30"	1° 2%	30 min.	A	
5-208-W	-12° to +43°C 0 to 100% R.H.	176	—	11.30"	1° 2%	2 hrs.	A	
5-208-WB	-12° to +43°C 0 to 100% R.H.	176	—	11.52"	1° 2%	2 hrs.	B	
5-209-D	-30° to +70°F 0 to 100% R.H.	29	—	11.30"	2° 2%	30 min.	A	
5-209-W	-30° to +70°F 0 to 100% R.H.	176	—	11.30"	2° 2%	2 hrs.	A	
5-209-WB	-30° to +70°F 0 to 100% R.H.	176	—	11.52"	2° 2%	2 hrs.	B	
5-212-W	0° to +140°F 0 to 100% R.H.	176	—	11.30"	2° 2%	2 hrs.	A	
15627	+10° to +110°F 0 to 100% R.H.	861 (1)	—	11.52"	2° 2%	6 hrs.	B	(2)
15677	-12° to +43°C 0 to 100% R.H.	861 (1)	—	11.52"	1° 2%	6 hrs.	B	(2)
16629	-34° to +21°C 0 to 100% R.H.	176	—	11.52"	1° 2%	2 hrs.	B	
16630	-34° to +21°C 0 to 100% R.H.	861 (1)	—	11.52"	1° 2%	6 hrs.	B	
16847	-16° to +60°C 0 to 100% R.H.	176	—	11.52"	1° 2%	2 hrs.	B	

■ Microbarograph Model 5-800A & 5-800 AM-1

1071-ADB	28.0" to 30.5"	29	6.25"	11.52"	0.02"	1 hr.	B	
5-1071	28.5" to 31.0"	195	6.25"	11.30"	0.02"	2 hrs.	A	
5-1071-M	965 to 1050 mb	195	6.28"	11.30"	1 mb	2 hrs.	A	
5-1071-MM	724 to 787 mm	195	6.20"	11.30"	0.5 mm	2 hrs.	A	
5-1071-MMX	62 mm	195	6.20"	11.30"	0.5 mm	2 hrs.	A	(2)
5-1071-MX	85 mb	195	6.28"	11.30"	1 mb	2 hrs.	A	(2)
5-1071-MXD	85 mb	29	6.28"	11.30"	1 mb	15 min.	A	(2)
5-1071-SD	28.5" to 31.0"	29	6.25"	11.30"	0.02"	15 min.	A	
5-1071-X	2.5"	195	6.25"	11.30"	0.02"	2 hrs.	A	(7)
5-1071-XD	2.5"	29	6.25"	11.30"	0.02"	15 min.	A	(7)
8600	965 to 1050 mb	108	6.28"	11.30"	1 mb	20 min.	A	(3)
15621	28.5" to 31.0"	861 (1)	6.25"	11.52"	0.02"	6 hrs.	B	(2)
18785	965 to 1050 mb	29	6.28"	11.30"	1 mb	2 hrs.	A	

■ Station Barograph

5-1068	28" to 31"	176	3.00"	11.30"	0.05"	2 hrs.	A	
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■ Thermograph Series 5-518, 5-1100, 5-1125 & 5-1135

5-200-D	-35° to +110°F	29	4.44"	11.30"	1°	30 min.	A	
5-200-W	-35° to +110°F	195	4.44"	11.30"	1°	2 hrs.	A	
5-202-D	+5° to +150°F	29	4.44"	11.30"	1°	30 min.	A	
5-205-W	-37° to +43°C	195	4.44"	11.30"	1°	2 hrs.	A	
15665	-35° to +110°F	861 (1)	4.44"	11.52"	1°	6 hrs.	B	(2)
17495	-20° to +60°C	195	4.44"	11.52"	1°	2 hrs.	B	
17496	-20° to +60°C	861 (1)	4.44"	11.52"	1°	6 hrs.	B	(2)

■ Inks

- #10- Standard for low capacity pens in all applications where sub-zero Fahrenheit Temperatures are not encountered. Colors available: Purple, Black, Red, or Green. Sizes available: 0.5, 1 ounces.
- #20- For low-capacity pens used in temperatures down to -60°F. Available in Purple only. Sizes available: 0.5, 1 ounces.
- #60- For strip-chart recorders and siphon pens with high ink consumption (including fast chart speeds) i.e. wind recorders. Available in Black or Purple. Sizes available: 4, 8, 16 ounces.

P/N 518383

Red ink, one pint (Esterline-Angus)

P/N 518858

Green ink, one pint (Esterline-Angus)

■ Pens

P/N 196

1-BT Pen

P/N 559

3-LS Pen

P/N 17477

Disposable Felt Tip Pen.

General: Unless otherwise specified, grid lines are red.

- (1) 35.9-day charts-to-be used with Belfort's Electric Chart Drive only.
- (2) Blank spaces at major division lines to facilitate range change notations.
- (3) Naval Weather Service Barogram with 24-hour clock time-arc headings. Grid lines are brown.
- (4) 24-hour clock time-arc headings.
- (5) Grid lines are black for viewing under red light.
- (6) Wind speed calibration is in km/hr.
- (7) Undesignated pressure division permit use at any elevation.
- (8) Subject to availability. Alternate style will be substituted unless otherwise specified.

