

INTRODUCTION

The Commission for the second International Polar Year expressed the need for supplementing the observations taken in polar regions during the Polar Year of 1932-3 by special observations in other parts of the world. The daily observations and upper air observations at Bermuda are set out here in furtherance of this plan:

The position of the meteorological station at Bermuda is as follows:—

Latitude $32^{\circ} 22' N$. Longitude $64^{\circ} 40' W$.

Height of barometer cistern above M.S.L. :—158 ft. (48 m.).

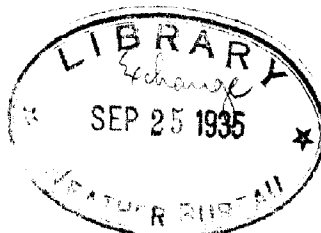
The meteorological station is situated at Fort George on a hill 164 ft. above sea level. It is the highest point in this locality and has a free all-round exposure. The fort is sunk into the ground and is surrounded by a wide moat so that no definite meaning can be assigned to the expression "above ground level" for those instruments situated on the fort itself. The head of the Dines pressure tube anemometer is 222 ft. above M.S.L. and 40 ft. above the roof of the fort, the only object which might affect the exposure being a signal mast 24 ft. distant to the north-east.

The ground of the instrument enclosure slopes slightly from north-east to south-west. There were a row of cedar trees about 6 ft. in height and about 20 yds. distant on the north-east side of the enclosure and four cedar trees, about 8 ft. in height and 20 yds. distant from the southern corner of the enclosure during the period of these observations.

The standard type 8 in. rain-gauge stands on ground 164 ft. above M.S.L. and the height of its rim is 1 ft. 3 in. above the ground.

The sunshine recorder is exposed on the parapet of the fort at a height of 182 ft. (55 m.) with a free exposure between north-east round by south to north-west.

Upper air observations were not commenced until March 13, 1933, but by the end of August, 1933, 96 pilot balloon ascents had been made.



QC
987
B46
D35
1932-1933

National Oceanic and Atmospheric Administration
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LASON
Imaging Subcontractor
12200 Kiln Court
Beltsville, MD 20704-1387
March 28, 2002

Hours of Observations

101.5	Highest Reading of Barometer.	101.5	in H.
101.4	"	"	"
101.3	"	"	"
101.2	"	"	"
101.1	"	"	"
101.0	"	"	"
100.9	"	"	"
100.8	"	"	"
100.7	"	"	"
100.6	"	"	"
100.5	"	"	"
100.4	"	"	"
100.3	"	"	"
100.2	"	"	"
100.1	"	"	"
100.0	"	"	"
99.9	"	"	"
99.8	"	"	"
99.7	"	"	"
99.6	"	"	"
99.5	"	"	"
99.4	"	"	"
99.3	"	"	"
99.2	"	"	"
99.1	"	"	"
99.0	"	"	"
98.9	"	"	"
98.8	"	"	"
98.7	"	"	"
98.6	"	"	"
98.5	"	"	"
98.4	"	"	"
98.3	"	"	"
98.2	"	"	"
98.1	"	"	"
98.0	"	"	"
97.9	"	"	"
97.8	"	"	"
97.7	"	"	"
97.6	"	"	"
97.5	"	"	"
97.4	"	"	"
97.3	"	"	"
97.2	"	"	"
97.1	"	"	"
97.0	"	"	"
96.9	"	"	"
96.8	"	"	"
96.7	"	"	"
96.6	"	"	"
96.5	"	"	"
96.4	"	"	"
96.3	"	"	"
96.2	"	"	"
96.1	"	"	"
96.0	"	"	"
95.9	"	"	"
95.8	"	"	"
95.7	"	"	"
95.6	"	"	"
95.5	"	"	"
95.4	"	"	"
95.3	"	"	"
95.2	"	"	"
95.1	"	"	"
95.0	"	"	"
94.9	"	"	"
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94.7	"	"	"
94.6	"	"	"
94.5	"	"	"
94.4	"	"	"
94.3	"	"	"
94.2	"	"	"
94.1	"	"	"
94.0	"	"	"
93.9	"	"	"
93.8	"	"	"
93.7	"	"	"
93.6	"	"	"
93.5	"	"	"
93.4	"	"	"
93.3	"	"	"
93.2	"	"	"
93.1	"	"	"
93.0	"	"	"
92.9	"	"	"
92.8	"	"	"
92.7	"	"	"
92.6	"	"	"
92.5	"	"	"
92.4	"	"	"
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91.4	"	"	"
91.3	"	"	"
91.2	"	"	"
91.1	"	"	"
91.0	"	"	"
90.9	"	"	"
90.8	"	"	"
90.7	"	"	"
90.6	"	"	"
90.5	"	"	"
90.4	"	"	"
90.3	"	"	"
90.2	"	"	"
90.1	"	"	"
90.0	"	"	"

*) Average Returns for Month 1917-1918

METEOROLOGICAL OBSERVATIONS ST. GEORGES, BERMUDA AUGUST 1932

0600
1500
2000

Hours of Observations

WIND										CLOUDS 0600										CLOUDS 1500										CLOUDS 2000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
DIRECTION		SPEED IN M.P.H.				MILES IN 24 HRS	UPPER			MEDIUM			LOWER			UPPER			MEDIUM			LOWER			UPPER			MEDIUM			LOWER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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Weather. No. of Days with: 1-2 3-7 8-10 10/10 SR.
Rain 20 0 0 4
Snow 0 0 0 0
Thunderstorm 1 4 22 5 0 0
Fog 0 0 0 0
No. of Days Gale 0
Greatest Wind Velocity and Direction 21 m.p.h. NW

TOTAL 55

CALEM 1

NW 4

W 30

SW 5

S 5

SE 5

NE 2

METEOROLOGICAL OBSERVATIONS ST. GEORGES, BERMUDA SEPTEMBER 1932

Height of Barometer Cistern Above Sea Level 158 Feet.

Hours of Observations

[illegible]

Rainfall	54.2 mm.
Difference from Average	99.1 mm. Deficit
No. of Days Rain	9
Greatest Daily Rainfall	26.7 mm.

+ (Max. + Min.)

Max. Temperature	87°
"	67°
Mean Temperature	77°
Mean Dew Point	65°

1 (100 + 15 + 20)	Highest Reading of Barometer	1023.0 m.b.
1 (")	" " "	" "
1 (")	Lowest	1006.0 m.b.
Difference from Average		
1 (")	Average Pressure for Month	1015.9 m.b.

METEOROLOGICAL OBSERVATIONS ST. GEORGES, BERMUDA SEPTEMBER 1932

0800
1500
2000
Hours of Observations

WIND										CLOUDS										CLOUDS										CLOUDS										CLOUDS									
DIRECTION		SPEED IN M.P.H.					MILES IN 1000 FT. DIST.	UPPER		MEDIUM		LOWER		UPPER		MEDIUM		LOWER		UPPER		MEDIUM		LOWER		UPPER		MEDIUM		LOWER																			
FROM	TO	1000	2000	3000	4000	5000		FROM	TO	FROM	ANT.	FROM	ANT.	FROM	ANT.	FROM	ANT.	FROM	ANT.	FROM	ANT.	FROM	ANT.	FROM	ANT.	FROM	ANT.	FROM	ANT.	FROM	ANT.																		
1	N	N	NE	NE	NE	13																																											
2	ENE	ENE	NE	NE	NE	8																																											
3	NE	NE	ENE	NE	NE	7																																											
4	E	E	ENE	NE	NE	12																																											
5	NE	NE	ENE	NE	NE	12																																											
6	ESE	ESE	ENE	NE	NE	6																																											
7	S	S	S	S	S	6																																											
8	WSW	WSW	WSW	WSW	WSW	24																																											
9	W	W	W	W	W	26																																											
10	WNW	WNW	WNW	WNW	WNW	20																																											
11	NNE	NNE	NNE	NNE	NNE	8																																											
12	NE	NE	ENE	NE	NE	14																																											
13	NE	NE	E	E	E	18																																											
14	E	E	ESE	ESE	ESE	14																																											
15	SE	SE	SE	SE	SE	20																																											
16	S	S	S	S	S	23																																											
17	W	W	W	W	W	25																																											
18	NNE	NNE	NNE	NNE	NNE	24																																											
19	NNE	NNE	NNE	NNE	NNE	24																																											
20	NNE	NNE	NNE	NNE	NNE	19																																											
21	WNW	WNW	WNW	WNW	WNW	15																																											
22	WNW	WNW	WNW	WNW	WNW	15																																											
23	S	S	SW	SW	SW	5																																											
24	N	N	ENE	ENE	ENE	7																																											
25	ENE	ENE	ENE	ENE	ENE	9																																											
26	N	N	NE	NE	NE	25																																											
27	ENE	ENE	ENE	ENE	ENE	22																																											
28	ENE	ENE	ESE	ESE	ESE	11																																											
29	SE-S	SE-S	SW	SW	SW	7																																											
30	NNE	NNE	NNE	NNE	NNE	14																																											
31																																																	
MEANS																																																	

METEOROLOGICAL OBSERVATIONS ST. GEORGES, BERMUDA OCTOBER 1932

Height of Barometer Caten Above Sea Level 150 Feet.

Hours of Observations
0900
1500
2000

Date	TEMPERATURE OF THE AIR										HUMIDITY			VISIBILITY			WIND DIRECTION	WIND SPEED	WEATHER	REMARKS	
	DAY					NIGHT					PERCENTAGE	MILES									
	0000	0600	1200	1800	2400	0000	0600	1200	1800	2400		0000	0600	1200	0000	0600					1200
1	1002.8	1008.0	1012.5	1017.5	1022.5	1027.5	1032.5	1037.5	1042.5	1047.5	68	59	76	66	8	8	59	146	518	C	5900, Heavy Thunderstorm.
2	1005.1	1009.9	1014.8	1019.7	1024.6	1029.5	1034.4	1039.3	1044.2	1049.1	69	64	83	78	8	7	60	147	100	bc	2000, Disturb. Lightning.
3	1007.5	1012.3	1017.1	1021.9	1026.7	1031.5	1036.3	1041.1	1045.9	1050.7	70	68	78	70	8	8	62	148	103	bc	
4	1009.8	1014.6	1019.4	1024.2	1029.0	1033.8	1038.6	1043.4	1048.2	1053.0	70	68	78	70	8	8	62	149	104	bc	
5	1012.2	1017.0	1021.8	1026.6	1031.4	1036.2	1041.0	1045.8	1050.6	1055.4	71	68	78	70	8	8	62	150	105	bc	
6	1014.5	1019.3	1024.1	1028.9	1033.7	1038.5	1043.3	1048.1	1052.9	1057.7	71	68	78	70	8	8	62	151	106	bc	
7	1016.8	1021.6	1026.4	1031.2	1036.0	1040.8	1045.6	1050.4	1055.2	1060.0	71	68	78	70	8	8	62	152	107	bc	
8	1019.1	1023.9	1028.7	1033.5	1038.3	1043.1	1047.9	1052.7	1057.5	1062.3	71	68	78	70	8	8	62	153	108	bc	
9	1021.4	1026.2	1031.0	1035.8	1040.6	1045.4	1050.2	1055.0	1059.8	1064.6	71	68	78	70	8	8	62	154	109	bc	
10	1023.7	1028.5	1033.3	1038.1	1042.9	1047.7	1052.5	1057.3	1062.1	1066.9	71	68	78	70	8	8	62	155	110	bc	
11	1026.0	1030.8	1035.6	1040.4	1045.2	1050.0	1054.8	1059.6	1064.4	1069.2	71	68	78	70	8	8	62	156	111	bc	
12	1028.3	1033.1	1037.9	1042.7	1047.5	1052.3	1057.1	1061.9	1066.7	1071.5	71	68	78	70	8	8	62	157	112	bc	
13	1030.6	1035.4	1040.2	1045.0	1049.8	1054.6	1059.4	1064.2	1069.0	1073.8	71	68	78	70	8	8	62	158	113	bc	
14	1032.9	1037.7	1042.5	1047.3	1052.1	1056.9	1061.7	1066.5	1071.3	1076.1	71	68	78	70	8	8	62	159	114	bc	
15	1035.2	1040.0	1044.8	1049.6	1054.4	1059.2	1064.0	1068.8	1073.6	1078.4	71	68	78	70	8	8	62	160	115	bc	
16	1037.5	1042.3	1047.1	1051.9	1056.7	1061.5	1066.3	1071.1	1075.9	1080.7	71	68	78	70	8	8	62	161	116	bc	
17	1039.8	1044.6	1049.4	1054.2	1059.0	1063.8	1068.6	1073.4	1078.2	1083.0	71	68	78	70	8	8	62	162	117	bc	
18	1042.1	1046.9	1051.7	1056.5	1061.3	1066.1	1070.9	1075.7	1080.5	1085.3	71	68	78	70	8	8	62	163	118	bc	
19	1044.4	1049.2	1054.0	1058.8	1063.6	1068.4	1073.2	1078.0	1082.8	1087.6	71	68	78	70	8	8	62	164	119	bc	
20	1046.7	1051.5	1056.3	1061.1	1065.9	1070.7	1075.5	1080.3	1085.1	1089.9	71	68	78	70	8	8	62	165	120	bc	
21	1049.0	1053.8	1058.6	1063.4	1068.2	1073.0	1077.8	1082.6	1087.4	1092.2	71	68	78	70	8	8	62	166	121	bc	
22	1051.3	1056.1	1060.9	1065.7	1070.5	1075.3	1080.1	1084.9	1089.7	1094.5	71	68	78	70	8	8	62	167	122	bc	
23	1053.6	1058.4	1063.2	1068.0	1072.8	1077.6	1082.4	1087.2	1092.0	1096.8	71	68	78	70	8	8	62	168	123	bc	
24	1055.9	1060.7	1065.5	1070.3	1075.1	1079.9	1084.7	1089.5	1094.3	1099.1	71	68	78	70	8	8	62	169	124	bc	
25	1058.2	1063.0	1067.8	1072.6	1077.4	1082.2	1087.0	1091.8	1096.6	1101.4	71	68	78	70	8	8	62	170	125	bc	
26	1060.5	1065.3	1070.1	1074.9	1079.7	1084.5	1089.3	1094.1	1098.9	1103.7	71	68	78	70	8	8	62	171	126	bc	
27	1062.8	1067.6	1072.4	1077.2	1082.0	1086.8	1091.6	1096.4	1101.2	1106.0	71	68	78	70	8	8	62	172	127	bc	
28	1065.1	1069.9	1074.7	1079.5	1084.3	1089.1	1093.9	1098.7	1103.5	1108.3	71	68	78	70	8	8	62	173	128	bc	
29	1067.4	1072.2	1077.0	1081.8	1086.6	1091.4	1096.2	1101.0	1105.8	1110.6	71	68	78	70	8	8	62	174	129	bc	
30	1069.7	1074.5	1079.3	1084.1	1088.9	1093.7	1098.5	1103.3	1108.1	1112.9	71	68	78	70	8	8	62	175	130	bc	
31	1072.0	1076.8	1081.6	1086.4	1091.2	1096.0	1100.8	1105.6	1110.4	1115.2	71	68	78	70	8	8	62	176	131	bc	
32	1074.3	1079.1	1083.9	1088.7	1093.5	1098.3	1103.1	1107.9	1112.7	1117.5	71	68	78	70	8	8	62	177	132	bc	
33	1076.6	1081.4	1086.2	1091.0	1095.8	1100.6	1105.4	1110.2	1115.0	1119.8	71	68	78	70	8	8	62	178	133	bc	
34	1078.9	1083.7	1088.5	1093.3	1098.1	1102.9	1107.7	1112.5	1117.3	1122.1	71	68	78	70	8	8	62	179	134	bc	
35	1081.2	1086.0	1090.8	1095.6	1100.4	1105.2	1110.0	1114.8	1119.6	1124.4	71	68	78	70	8	8	62	180	135	bc	
36	1083.5	1088.3	1093.1	1097.9	1102.7	1107.5	1112.3	1117.1	1121.9	1126.7	71	68	78	70	8	8	62	181	136	bc	
37	1085.8	1090.6	1095.4	1100.2	1105.0	1109.8	1114.6	1119.4	1124.2	1129.0	71	68	78	70	8	8	62	182	137	bc	
38	1088.1	1092.9	1097.7	1102.5	1107.3	1112.1	1116.9	1121.7	1126.5	1131.3	71	68	78	70	8	8	62	183	138	bc	
39	1090.4	1095.2	1099.9	1104.7	1109.5	1114.3	1119.1	1123.9	1128.7	1133.5	71	68	78	70	8	8	62	184	139	bc	
40	1092.7	1097.5	1102.3	1107.1	1111.9	1116.7	1121.5	1126.3	1131.1	1135.9	71	68	78	70	8	8	62	185	140	bc	
41	1095.0	1099.8	1104.6	1109.4	1114.2	1119.0	1123.8	1128.6	1133.4	1138.2	71	68	78	70	8	8	62	186	141	bc	
42	1097.3	1102.1	1106.9	1111.7	1116.5	1121.3	1126.1	1130.9	1135.7	1140.5	71	68	78	70	8	8	62	187	142	bc	
43	1099.6	1104.4	1109.2	1114.0	1118.8	1123.6	1128.4	1133.2	1138.0	1142.8	71	68	78	70	8	8	62	188	143	bc	
44	1101.9	1106.7	1111.5	1116.3	1121.1	1125.9	1130.7	1135.5	1140.3	1145.1	71	68	78	70	8	8	62	189	144	bc	
45	1104.2	1109.0	1113.8	1118.6	1123.4	1128.2	1133.0	1137.8	1142.6	1147.4	71	68	78	70	8	8	62	190	145	bc	
46	1106.5	1111.3	1116.1	1120.9	1125.7	1130.5	1135.3	1140.1	1144.9	1149.7	71	68	78	70	8	8	62	191	146	bc	
47	1108.8	1113.6	1118.4	1123.2	1128.0	1132.8	1137.6	1142.4	1147.2	1152.0	71	68	78	70	8	8	62	192	147	bc	
48	1111.1	1115.9	1120.7	1125.5	1130.3	1135.1	1139.9	1144.7	1149.5	1154.3	71	68	78	70	8	8	62	193	148	bc	
49	1113.4	1118.2	1123.0	1127.8	1132.6	1137.4	1142.2	1147.0	1151.8	1156.6	71	68	78	70	8	8	62	194	149	bc	
50	1115.7	1120.5	1125.3	1130.1	1134.9	1139.7	1144.5	1149.3	1154.1	1158.9	71	68	78	70	8	8	62	195	150	bc	
51	1118.0	1122.8	1127.6	1132.4	1137.2	1142.0	1146.8	1151.6	1156.4	1161.2	71	68	78	70	8	8	62	196	151	bc	
52	1120.3	1125.1	1129.9	1134.7	1139.5	1144.3	1149.1	1153.9	1158.7	1163.5	71	68	78	70	8	8	62	197	152	bc	
53	1122.6	1127.4	1132.2	1137.0	1141.8	1146.6	1151.4	1156.2	1161.0	1165.8	71	68	78	70	8	8	62	198	153	bc	
54	1124.9	1129.7	1134.5	1139.3	1144.1	1148.9	1153.7	1158.5	1163.3	1168.1	71	68	78	70	8	8	62	199	154		

METEOROLOGICAL OBSERVATIONS ST. GEORGES, BERMUDA OCTOBER 1932

0800
1500
2000
Hours of Observations

DATE	WIND										CLOUDS 0800						CLOUDS 1900						CLOUDS 2000					
	DIRECTION		SPEED IN M.P.H.		SPEED IN M.P.H.		SPEED IN M.P.H.		SPEED IN M.P.H.		UPPER		MEDIUM		LOWER		UPPER		MEDIUM		LOWER		UPPER		MEDIUM		LOWER	
	0800	1800	0800	1800	0800	1800	0800	1800	0800	1800	FROM	AMT.	FROM	AMT.	FROM	AMT.	FROM	AMT.	FROM	AMT.	FROM	AMT.	FROM	AMT.	FROM	AMT.	FROM	AMT.
1	NE	ESE	NE	11	15	14	13						AS	SW	3													
2	E	ESE	ESE	23	18	14	20						AS	SW	1													
3	E	E	E	14	12	14	13						AS	SW	2													
4	E	ESE	ESE	14	16	17	16						AS	S	3													
5	E	ESE	E	15	11	18	15																					
6	E	ESE	ESE	10	16	12	13																					
7	ESE	S	S	16	13	10	13																					
8	NE	NE	NE	8	19	22	16																					
9	NE	ENE	ENE	25	23	30	29																					
10	NE	W	SW	25	25	30	40																					
11	WNW	WNW	NW	42	32	22	32																					
12	W	W	W	17	17	12	15																					
13	W	N	N	16	9	7	11																					
14	N	NNE	NE	7	21	16	15																					
15	NNE	ENE	ENE	15	19	14	16																					
16	E	ESE	ESE	22	24	23	23																					
17	SE	SE	SE	26	22	21	23																					
18	SE	SE	SE	21	21	24	22																					
19	SE	SE	SE	26	29	28	27																					
20	S	S	S	22	22	26	20																					
21	SW	WSW	W	17	14	15	15																					
22	N	N	NW	20	11	13	15																					
23	NW	N	N	14	11	10	12																					
24	N	N	NNE	9	10	15	11																					
25	NNE	N	NNE	18	22	21	20																					
26	NE	NESE	ENE	18	18	15	17																					
27	NE	NESE	NE	12	14	4	10																					
28	SSE	NW	WSW	5	11	10	9																					
29	NE	NESE	E	14	11	8	11																					
30	E	SW	S	12	6	3	7																					
31	NE	ENE	E	5	11	15	10																					
TOTAL				523	551	523	539																					
MEAN				19	19	16	17																					

N NE E SE S SW W NW
 No. of Days Gale 24 17 10 8
 Greatest Wind Velocity and Direction 79 m.p.h. N.
 Weather. No. of Days with:--
 1-2 3-7 8-10 10/10 Bk.
 b. bc. c. o. Fog.
 Rain 20 0 0 2
 Snow 0 0 0 2
 Hail 0 0 0 2
 Thunderstorm 0 0 0 2
 Waterspout 0 0 0 2
 TOTAL 53

METEOROLOGICAL OBSERVATIONS ST. GEORGES, BERMUDA NOVEMBER 1932

Height of Barometer Cistern Above Sea Level 158 Feet.

Hours of Observations
0800
1500
2000

Date	TEMPERATURE OF THE AIR										HUMIDITY				VISIBILITY				RAINFALL IN MILLIMETERS	WIND DIRECTION	WEATHER			REMARKS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	TEMPERATURE OF THE AIR										PERCENTAGE				MILES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
	TEMPERATURE OF THE AIR										PERCENTAGE				MILES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															

1 (44 + 15 + 26)	1029.9 m.h.	Max. Temperature	82°	Rainfall	27.5 m.m.
2 (")	1029.0 m.h.	Min.	60°	Difference from Average	16.5 m.m. 0.008
3 (")	1028.1 m.h.	Mean Temperature	70°	No. of Days Rain	19
4 (")	1027.2 m.h.	Mean Dew Point	63°	Greatest Daily Rainfall	56.0 m.m.
5 (")	1026.3 m.h.				
6 (")	1025.4 m.h.				
7 (")	1024.5 m.h.				
8 (")	1023.6 m.h.				
9 (")	1022.7 m.h.				
10 (")	1021.8 m.h.				
11 (")	1020.9 m.h.				
12 (")	1020.0 m.h.				
13 (")	1019.1 m.h.				
14 (")	1018.2 m.h.				
15 (")	1017.3 m.h.				
16 (")	1016.4 m.h.				
17 (")	1015.5 m.h.				
18 (")	1014.6 m.h.				
19 (")	1013.7 m.h.				
20 (")	1012.8 m.h.				
21 (")	1011.9 m.h.				
22 (")	1011.0 m.h.				
23 (")	1010.1 m.h.				
24 (")	1009.2 m.h.				
25 (")	1008.3 m.h.				
26 (")	1007.4 m.h.				
27 (")	1006.5 m.h.				
28 (")	1005.6 m.h.				
29 (")	1004.7 m.h.				
30 (")	1003.8 m.h.				
31 (")	1002.9 m.h.				

METEOROLOGICAL OBSERVATIONS ST. GEORGES, BERMUDA NOVEMBER 1932

Hours of Observations

[illegible]

N	NE	E	SE	S	SW	W	NW	CALM	TOTAL
10	4	24	3	26	2	4	4	1	50
No. of Days Gales.									
Greatest Wind Velocity and Direction, 20 m. p. h.									
Rain 19 Snow 0 Hail 0 Thunderstorm 0 Days with:— 1-2 3-7 8-10 10-14 15-20 21-30 31-40 41-50 51-60 61-70 71-80 81-90 91-100 101-110 111-120 121-130 131-140 141-150 151-160 161-170 171-180 181-190 191-200 201-210 211-220 221-230 231-240 241-250 251-260 261-270 271-280 281-290 291-300 301-310 311-320 321-330 331-340 341-350 351-360 361-370 371-380 381-390 391-400 401-410 411-420 421-430 431-440 441-450 451-460 461-470 471-480 481-490 491-500 501-510 511-520 521-530 531-540 541-550 551-560 561-570 571-580 581-590 591-600 601-610 611-620 621-630 631-640 641-650 651-660 661-670 671-680 681-690 691-700 701-710 711-720 721-730 731-740 741-750 751-760 761-770 771-780 781-790 791-800 801-810 811-820 821-830 831-840 841-850 851-860 861-870 871-880 881-890 891-900 901-910 911-920 921-930 931-940 941-950 951-960 961-970 971-980 981-990 991-1000									

METEOROLOGICAL OBSERVATIONS ST. GEORGES, BERMUDA DECEMBER 1932.

Height of Barometer Cistern Above Sea Level 150 Feet.

DATE	TEMPERATURE OF THE AIR						HUMIDITY				VISIBILITY			WIND		REMARKS		
	TEMPERATURE OF THE AIR						HUMIDITY				VISIBILITY			WIND				
	TEMPERATURE OF THE AIR						HUMIDITY				VISIBILITY			WIND				
	TEMPERATURE OF THE AIR						HUMIDITY				VISIBILITY			WIND				
0000	0600	1200	1800	2400	EXTREMES		PERCENTAGE				MILES			DIRECTION		REMARKS		
0000	0600	1200	1800	2400	MAX.	MIN.	0000	0600	1200	1800	2400	0000	0600	1200	1800		2400	
0000	0600	1200	1800	2400	MAX.	MIN.	0000	0600	1200	1800	2400	0000	0600	1200	1800		2400	
0000	0600	1200	1800	2400	MAX.	MIN.	0000	0600	1200	1800	2400	0000	0600	1200	1800		2400	
1	10:00	10:15	10:30	10:45	10:55	11:05	10:00	10:15	10:30	10:45	10:55	11:05	10:00	10:15	10:30	10:45	10:55	11:05
2	10:15	10:30	10:45	10:55	11:05	11:15	10:15	10:30	10:45	10:55	11:05	11:15	10:15	10:30	10:45	10:55	11:05	11:15
3	10:30	10:45	10:55	11:05	11:15	11:25	10:30	10:45	10:55	11:05	11:15	11:25	10:30	10:45	10:55	11:05	11:15	11:25
4	10:45	10:55	11:05	11:15	11:25	11:35	10:45	10:55	11:05	11:15	11:25	11:35	10:45	10:55	11:05	11:15	11:25	11:35
5	10:55	11:05	11:15	11:25	11:35	11:45	10:55	11:05	11:15	11:25	11:35	11:45	10:55	11:05	11:15	11:25	11:35	11:45
6	11:05	11:15	11:25	11:35	11:45	11:55	11:05	11:15	11:25	11:35	11:45	11:55	11:05	11:15	11:25	11:35	11:45	11:55
7	11:15	11:25	11:35	11:45	11:55	12:05	11:15	11:25	11:35	11:45	11:55	12:05	11:15	11:25	11:35	11:45	11:55	12:05
8	11:25	11:35	11:45	11:55	12:05	12:15	11:25	11:35	11:45	11:55	12:05	12:15	11:25	11:35	11:45	11:55	12:05	12:15
9	11:35	11:45	11:55	12:05	12:15	12:25	11:35	11:45	11:55	12:05	12:15	12:25	11:35	11:45	11:55	12:05	12:15	12:25
10	11:45	11:55	12:05	12:15	12:25	12:35	11:45	11:55	12:05	12:15	12:25	12:35	11:45	11:55	12:05	12:15	12:25	12:35
11	11:55	12:05	12:15	12:25	12:35	12:45	11:55	12:05	12:15	12:25	12:35	12:45	11:55	12:05	12:15	12:25	12:35	12:45
12	12:05	12:15	12:25	12:35	12:45	12:55	12:05	12:15	12:25	12:35	12:45	12:55	12:05	12:15	12:25	12:35	12:45	12:55
13	12:15	12:25	12:35	12:45	12:55	13:05	12:15	12:25	12:35	12:45	12:55	13:05	12:15	12:25	12:35	12:45	12:55	13:05
14	12:25	12:35	12:45	12:55	13:05	13:15	12:25	12:35	12:45	12:55	13:05	13:15	12:25	12:35	12:45	12:55	13:05	13:15
15	12:35	12:45	12:55	13:05	13:15	13:25	12:35	12:45	12:55	13:05	13:15	13:25	12:35	12:45	12:55	13:05	13:15	13:25
16	12:45	12:55	13:05	13:15	13:25	13:35	12:45	12:55	13:05	13:15	13:25	13:35	12:45	12:55	13:05	13:15	13:25	13:35
17	12:55	13:05	13:15	13:25	13:35	13:45	12:55	13:05	13:15	13:25	13:35	13:45	12:55	13:05	13:15	13:25	13:35	13:45
18	13:05	13:15	13:25	13:35	13:45	13:55	13:05	13:15	13:25	13:35	13:45	13:55	13:05	13:15	13:25	13:35	13:45	13:55
19	13:15	13:25	13:35	13:45	13:55	14:05	13:15	13:25	13:35	13:45	13:55	14:05	13:15	13:25	13:35	13:45	13:55	14:05
20	13:25	13:35	13:45	13:55	14:05	14:15	13:25	13:35	13:45	13:55	14:05	14:15	13:25	13:35	13:45	13:55	14:05	14:15
21	13:35	13:45	13:55	14:05	14:15	14:25	13:35	13:45	13:55	14:05	14:15	14:25	13:35	13:45	13:55	14:05	14:15	14:25
22	13:45	13:55	14:05	14:15	14:25	14:35	13:45	13:55	14:05	14:15	14:25	14:35	13:45	13:55	14:05	14:15	14:25	14:35
23	13:55	14:05	14:15	14:25	14:35	14:45	13:55	14:05	14:15	14:25	14:35	14:45	13:55	14:05	14:15	14:25	14:35	14:45
24	14:05	14:15	14:25	14:35	14:45	14:55	14:05	14:15	14:25	14:35	14:45	14:55	14:05	14:15	14:25	14:35	14:45	14:55
25	14:15	14:25	14:35	14:45	14:55	15:05	14:15	14:25	14:35	14:45	14:55	15:05	14:15	14:25	14:35	14:45	14:55	15:05
26	14:25	14:35	14:45	14:55	15:05	15:15	14:25	14:35	14:45	14:55	15:05	15:15	14:25	14:35	14:45	14:55	15:05	15:15
27	14:35	14:45	14:55	15:05	15:15	15:25	14:35	14:45	14:55	15:05	15:15	15:25	14:35	14:45	14:55	15:05	15:15	15:25
28	14:45	14:55	15:05	15:15	15:25	15:35	14:45	14:55	15:05	15:15	15:25	15:35	14:45	14:55	15:05	15:15	15:25	15:35
29	14:55	15:05	15:15	15:25	15:35	15:45	14:55	15:05	15:15	15:25	15:35	15:45	14:55	15:05	15:15	15:25	15:35	15:45
30	15:05	15:15	15:25	15:35	15:45	15:55	15:05	15:15	15:25	15:35	15:45	15:55	15:05	15:15	15:25	15:35	15:45	15:55
31	15:15	15:25	15:35	15:45	15:55	16:05	15:15	15:25	15:35	15:45	15:55	16:05	15:15	15:25	15:35	15:45	15:55	16:05
32	15:25	15:35	15:45	15:55	16:05	16:15	15:25	15:35	15:45	15:55	16:05	16:15	15:25	15:35	15:45	15:55	16:05	16:15
33	15:35	15:45	15:55	16:05	16:15	16:25	15:35	15:45	15:55	16:05	16:15	16:25	15:35	15:45	15:55	16:05	16:15	16:25
34	15:45	15:55	16:05	16:15	16:25	16:35	15:45	15:55	16:05	16:15	16:25	16:35	15:45	15:55	16:05	16:15	16:25	16:35
35	15:55	16:05	16:15	16:25	16:35	16:45	15:55	16:05	16:15	16:25	16:35	16:45	15:55	16:05	16:15	16:25	16:35	16:45
36	16:05	16:15	16:25	16:35	16:45	16:55	16:05	16:15	16:25	16:35	16:45	16:55	16:05	16:15	16:25	16:35	16:45	16:55
37	16:15	16:25	16:35	16:45	16:55	17:05	16:15	16:25	16:35	16:45	16:55	17:05	16:15	16:25	16:35	16:45	16:55	17:05
38	16:25	16:35	16:45	16:55	17:05	17:15	16:25	16:35	16:45	16:55	17:05	17:15	16:25	16:35	16:45	16:55	17:05	17:15
39	16:35	16:45	16:55	17:05	17:15	17:25	16:35	16:45	16:55	17:05	17:15	17:25	16:35	16:45	16:55	17:05	17:15	17:25
40	16:45	16:55	17:05	17:15	17:25	17:35	16:45	16:55	17:05	17:15	17:25	17:35	16:45	16:55	17:05	17:15	17:25	17:35
41	16:55	17:05	17:15	17:25	17:35	17:45	16:55	17:05	17:15	17:25	17:35	17:45	16:55	17:05	17:15	17:25	17:35	17:45
42	17:05	17:15	17:25	17:35	17:45	17:55	17:05	17:15	17:25	17:35	17:45	17:55	17:05	17:15	17:25	17:35	17:45	17:55
43	17:15	17:25	17:35	17:45	17:55	18:05	17:15	17:25	17:35	17:45	17:55	18:05	17:15	17:25	17:35	17:45	17:55	18:05
44	17:25	17:35	17:45	17:55	18:05	18:15	17:25	17:35	17:45	17:55	18:05	18:15	17:25	17:35	17:45	17:55	18:05	18:15
45	17:35	17:45	17:55	18:05	18:15	18:25	17:35	17:45	17:55	18:05	18:15	18:25	17:35	17:45	17:55	18:05	18:15	18:25
46	17:45	17:55	18:05	18:15	18:25	18:35	17:45	17:55	18:05	18:15	18:25	18:35	17:45	17:55	18:05	18:15	18:25	18:35
47	17:55	18:05	18:15	18:25	18:35	18:45	17:55	18:05	18:15	18:25	18:35	18:45	17:55	18:05	18:15	18:25	18:35	18:45
48	18:05	18:15	18:25	18:35	18:45	18:55	18:05	18:15	18:25	18:35	18:45	18:55	18:05	18:15	18:25	18:35	18:45	18:55
49	18:15	18:25	18:35	18:45	18:55	19:05	18:15	18:25	18:35	18:45	18:55	19:05	18:15	18:25	18:35	18:45	18:55	19:05
50	18:25	18:35	18:45	18:55	19:05	19:15	18:25	18:35	18:45	18:55	19:05	19:15	18:25	18:35	18:45	18:55	19:05	19:15
51	18:35	18:45	18:55	19:05	19:15	19:25	18:35	18:45	18:55	19:05	19:15	19:25	18:35	18:45	18:55	19:05	19:15	19:25
52	18:45	18:55	19:05	19:15	19:25	19:35	18:45	18:55	19:05	19:15	19:25	19:35	18:45	18:55	19:05	19:15	19:25	19:35
53	18:55	19:05	19:15	19:25	19:35	19:45	18:55	19:05	19:15	19:25	19:35	19:45	18:55	19:05	19:15	19:25	19:35	19:45
54	19:05	19:15	19:25	19:35	19:45	19:55	19:05	19:15	19:25	19:35	19:45	19:55	19:05	19:15	19:25	19:35	19:45	19:55
55	19:15	19:25	19:35	19:45	19:55	20:05	19:15	19:25	19:35	19:45	19:55	20:05	19:15	19:25	19:35	19:45	19:55	20:05
56	19:25	19:35	19:45	19:55	20:05	20:15	19:25	19:35	19:45	19:55	20:05	20:15	19:25	19:35	19:45	19:55	20:05	20:15
57	19:35	19:45	19:55	20:05	20:15	20:25	19:35	19:45	19:55	20:05	20:15	20:25	19:35	19:45	19:55	20:05	20:15	20:25
58	19:45	19:55	20:05	20:15	20:25	20:35	19:45	19:55	20:05	20:15	20:25	20:35	19:45	19:55	20:05	20:15	20:25	20:35
59	19:55	20:05	20:15	20:25	20:35	20:45	19:55	20:05	20:15	20:25	20:35	20:45	19:55	20:05	20:15	20:25	20:35	20:45
60	20:05	20:15	20:25	20:35	20:45	20:55	20:05	20:15	20:25	20:35	20:45	20:55	20:05	20:15	20:25	20:35	20:45	20:55
61	20:15	20:25	20:35	20:45	20:55	21:05	20:15	20:25	20:35	20:45	20:55	21:05	20:15	20:25	20:35			

Rainfall	13.9 in.
Difference from Average	10.0 in.
No. of Days Rain	13
Greatest Daily Rainfall	3.2 in.

(Max. + Min.)

Max. Temperature	77°
Min.	59°
Mean Temperature	68°
Mean Dew Point	59°

Reading of Barometer	1029.1	h.k.
" "	1014.7	h.k.
from Average		
Barometer for P.M.	1021.5	h.k.

	(03 + 15 + 20)	Higher
(")		Lower
		Difference
$\frac{1}{2}(03 + 15 + 20)$		Actual

METEOROLOGICAL OBSERVATIONS ST. GEORGES, BERMUDA DECEMBER 1932

FORM
A 2

0800
1500
2000

Hours of Observations

WIND										CLOUDS										CLOUDS										CLOUDS										CLOUDS									
DIRECTION		SPEED IN M.P.H.					MEAN IN 24 HRS			UPPER		MEDIUM		LOWER		UPPER		MEDIUM		LOWER		UPPER		MEDIUM		LOWER		UPPER		MEDIUM		LOWER																	
		0800	1500	2000	2400	2800																																											
DATE	TIME	0800	1500	2000	2400	2800	0800	1500	2000	2400	2800	FORM	AMT.	FORM	AMT.	FORM	AMT.	FORM	AMT.	FORM	AMT.	FORM	AMT.	FORM	AMT.	FORM	AMT.	FORM	AMT.	FORM	AMT.	FORM	AMT.	FORM	AMT.	FORM	AMT.												
1	W	WNW	NW	NW	NW	NW	23	22	20	23																																							
2	NW	NW	NW	NW	NW	NW	21	22	20	21																																							
3	NNE	NE	ENE	ENE	ENE	ENE	15	15	16	15																																							
4	ENE	ENE	E	E	E	E	20	17	22	20																																							
5	WNW	NW	N	N	N	N	7	23	20	19																																							
6	N	NE	NE	NE	NE	NE	17	17	12	15																																							
7	EN	ESE	ESE	ESE	ESE	ESE	18	18	20	19																																							
8	SE	SW	WSW	WSW	WSW	WSW	18	9	10	12																																							
9	NNE	NNE	NE	NE	NE	NE	28	25	23	23																																							
10	NE	NE	NE	NE	NE	NE	20	24	22	24																																							
11	EN	NE	NE	NE	NE	NE	10	10	8	9																																							
12	W	W	W	W	W	W	5	7	7	6																																							
13	W	W	W	W	W	W	18	18	7	9																																							
14	WS	WS	WS	WS	WS	WS	18	18	14	13																																							
15	WSW	WSW	WSW	WSW	WSW	WSW	18	18	11	16																																							
16	WS	WS	WS	WS	WS	WS	16	21	16	18																																							
17	EN	ENE	ENE	ENE	ENE	ENE	15	21	20	19																																							
18	WSW	WSW	WSW	WSW	WSW	WSW	20	18	17	18																																							
19	ENE	ENE	ENE	ENE	ENE	ENE	10	9	8	9																																							
20	SW	WS	NW	NW	NW	NW	16	17	13	15																																							
21	NE	EN	E	E	E	E	16	16	18	17																																							
22	SE	SSW	NW	NW	NW	NW	20	17	20	19																																							
23	NNE	ENE	E	E	E	E	17	15	10	14																																							
24	WSW	WIN	N	N	N	N	10	23	24	19																																							
25	NE	NE	ENE	ENE	ENE	ENE	14	12	14	13																																							
26	NE	N	NE	NE	NE	NE	7	7	5	6																																							
27	ENE	ESE	ESE	ESE	ESE	ESE	7	10	12	10																																							
28	SE	ESE	NE	NE	NE	NE	7	4	3	5																																							
29	NE	NNE	ENE	ENE	ENE	ENE	5	7	4	5																																							
30	E	SSE	SE	SE	SE	SE	7	7	3	6																																							
31	SSW	SSW	SSW	SSW	SSW	SSW	11	20	18	16																																							
MEAN		458					422					446					443					19					20					27					135					116							

N NE E SE S SW W NW CALM TOTAL
 14 16 21 5 9 3 19 0 93
 No. of Days Gale
 Greatest Wind Velocity and Direction 60 m.p.h. N.

TOTAL
93

Weather. No. of Days with:—
 1-2 3-7 8-10 10/10 SE.
 Rain Snow Hail Thunderstorm Waterspout Fog.
 13 0 0 0 1 0 0 0 0

METEOROLOGICAL OBSERVATIONS ST. GEORGES, BERMUDA JANUARY 1933.

Height of Barometer Datum Above Sea Level 158 Feet.

Hours of Observations 10800
15000
20000

Date	CORRECTED BAROMETER AT SEA LEVEL.				TEMPERATURE OF THE AIR										HUMIDITY				VISIBILITY			WIND		WEATHER		REMARKS	
	0800	1000	1200	1400	WET		DRY		MAX. A.M.		MIN. P.M.		DATE		PERCENTAGE		MAX. MIN.										
1	1017.1	1017.5	1023.5	1023.5	68.0	64.5	63.8	63.8	71	69	75	62	75	62	75	75	85	85	7	6	8	51	51	51	51	FOR 24 HOURS FROM MIDNIGHT	
2	1025.5	1025.2	1024.2	1024.2	65.9	64.9	64.5	64.5	67	67	71	64	71	61	75	95	91	87	6	5	8	10	10	10	10		
3	1025.5	1023.1	1023.1	1023.1	66.6	65.7	65.7	65.7	67	67	71	64	71	61	75	95	91	87	6	5	8	08	08	08	08		
4	1021.7	1019.9	1020.4	1020.4	68.5	67.1	67.1	67.1	69	67	71	64	71	61	75	95	91	87	6	5	8	74	74	74	74		
5	1020.4	1018.9	1018.9	1018.9	66.6	65.4	65.4	65.4	68	65	72	65	72	65	72	95	91	87	6	5	8	88	88	88	88		
6	1018.9	1017.9	1023.2	1023.2	67.9	67.1	67.1	67.1	68	65	74	61	74	61	75	95	91	87	6	5	8	88	88	88	88		
7	1020.4	1020.8	1025.8	1025.8	68.7	67.1	67.1	67.1	69	67	71	64	71	61	75	95	91	87	6	5	8	88	88	88	88		
8	1020.4	1020.7	1025.8	1025.8	68.7	67.1	67.1	67.1	69	67	71	64	71	61	75	95	91	87	6	5	8	88	88	88	88		
9	1020.4	1020.8	1025.8	1025.8	68.7	67.1	67.1	67.1	69	67	71	64	71	61	75	95	91	87	6	5	8	88	88	88	88		
10	1018.9	1018.4	1025.1	1025.1	67.3	66.7	66.7	66.7	68	65	73	62	73	62	73	95	91	87	6	5	8	88	88	88	88		
11	1021.7	1021.5	1025.2	1025.2	68.5	67.9	67.9	67.9	69	67	71	64	71	61	75	95	91	87	6	5	8	88	88	88	88		
12	1022.4	1020.1	1020.1	1020.1	67.2	66.0	66.0	66.0	67	64	74	61	74	61	75	95	91	87	6	5	8	88	88	88	88		
13	1020.4	1020.2	1025.0	1025.0	68.5	67.5	67.5	67.5	69	67	71	64	71	61	75	95	91	87	6	5	8	88	88	88	88		
14	1021.7	1020.1	1020.8	1020.8	68.5	67.5	67.5	67.5	69	67	71	64	71	61	75	95	91	87	6	5	8	88	88	88	88		
15	1018.9	1018.0	1018.0	1018.0	67.1	66.4	66.4	66.4	68	65	73	62	73	62	73	95	91	87	6	5	8	88	88	88	88		
16	1015.9	1015.2	1014.9	1014.9	66.4	65.4	65.4	65.4	67	64	71	61	71	61	75	95	91	87	6	5	8	88	88	88	88		
17	1019.0	1019.0	1020.4	1020.4	67.2	66.2	66.2	66.2	67	64	71	61	71	61	75	95	91	87	6	5	8	88	88	88	88		
18	1019.0	1017.4	1018.5	1018.5	67.1	66.1	66.1	66.1	67	64	71	61	71	61	75	95	91	87	6	5	8	88	88	88	88		
19	1020.4	1018.5	1020.2	1020.2	67.1	66.1	66.1	66.1	67	64	71	61	71	61	75	95	91	87	6	5	8	88	88	88	88		
20	1020.4	1017.7	1019.4	1019.4	67.1	66.1	66.1	66.1	67	64	71	61	71	61	75	95	91	87	6	5	8	88	88	88	88		
21	1020.4	1018.2	1020.2	1020.2	67.1	66.1	66.1	66.1	67	64	71	61	71	61	75	95	91	87	6	5	8	88	88	88	88		
22	1018.4	1018.0	1018.0	1018.0	66.4	65.4	65.4	65.4	67	64	71	61	71	61	75	95	91	87	6	5	8	88	88	88	88		
23	1018.4	1017.1	1017.9	1017.9	66.4	65.4	65.4	65.4	67	64	71	61	71	61	75	95	91	87	6	5	8	88	88	88	88		
24	1016.4	1016.1	1015.4	1015.4	65.9	64.9	64.9	64.9	66	63	70	63	70	63	70	95	91	87	6	5	8	88	88	88	88		
25	1017.5	1015.0	1014.5	1014.5	65.8	64.8	64.8	64.8	66	63	70	63	70	63	70	95	91	87	6	5	8	88	88	88	88		
26	1017.5	1015.0	1014.5	1014.5	65.8	64.8	64.8	64.8	66	63	70	63	70	63	70	95	91	87	6	5	8	88	88	88	88		
27	1014.9	1014.9	1014.9	1014.9	64.4	63.4	63.4	63.4	65	62	69	62	69	62	69	95	91	87	6	5	8	88	88	88	88		
28	1014.9	1014.9	1014.9	1014.9	64.4	63.4	63.4	63.4	65	62	69	62	69	62	69	95	91	87	6	5	8	88	88	88	88		
29	1014.9	1014.9	1014.9	1014.9	64.4	63.4	63.4	63.4	65	62	69	62	69	62	69	95	91	87	6	5	8	88	88	88	88		
30	1014.9	1014.9	1014.9	1014.9	64.4	63.4	63.4	63.4	65	62	69	62	69	62	69	95	91	87	6	5	8	88	88	88	88		
31	1014.9	1014.9	1014.9	1014.9	64.4	63.4	63.4	63.4	65	62	69	62	69	62	69	95	91	87	6	5	8	88	88	88	88		

1 (08 + 16 + 20) Highest Reading of Barometer. 1026.2 m.b.
 2 (" ") Lowest " " 996.1 m.b.
 3 (" ") Average Pressure for Month 1015.7 m.b.
 4 (" ") Difference from Average 29.4 m.m. 1000.
 5 (" ") No. of Days Rain 20
 6 (" ") Greatest Daily Rainfall 55.0 m.m.
 7 (" ") Rainfall 148.5 m.m.
 8 (" ") Max. Temperature 77°
 9 (" ") Min. " 48°
 10 (" ") Mean Temperature 66°
 11 (" ") Mean Dew Point 53°

METEOROLOGICAL OBSERVATIONS ST. GEORGES, BERMUDA, JANUARY 1935

Hours of Observations	0800	1500	2000
1	100	100	100
2	100	100	100
3	100	100	100
4	100	100	100
5	100	100	100
6	100	100	100
7	100	100	100
8	100	100	100
9	100	100	100
10	100	100	100
11	100	100	100
12	100	100	100
13	100	100	100
14	100	100	100
15	100	100	100
16	100	100	100
17	100	100	100
18	100	100	100
19	100	100	100
20	100	100	100
21	100	100	100
22	100	100	100
23	100	100	100
24	100	100	100

WIND										CLOUDS										CLOUDS										CLOUDS									
DIRECTION		SPEED IN M.P.H.				WIND IN 1500 FT. HRS		UPPER		MEDIUM		LOWER		UPPER		MEDIUM		LOWER		UPPER		MEDIUM		LOWER		UPPER		MEDIUM		LOWER									
0800	1800	2000	2200	0600	0800	1000	1200	FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TO								
1	SW	NE	NE	SE	21	27	27	Q	SW	T	AS	SW	1																										
2	E	E	E	E	10	20	19	Q	SE	AS	SE	2	SE	8																									
3	E	SE	SE	SE	15	17	15	Q	SE	AS	SE	1	SE	9																									
4	SW	SW	SW	SW	17	17	9	Q	SW	AS	SW	1	SW	4																									
5	W	W	W	W	12	12	12	Q	W	AS	W	8	W	1																									
6	WN	WN	WN	WN	12	23	21	Q	WN	AS	WN	8	WN	1																									
7	E	SE	SE	SE	14	13	14	Q	SE	AS	SE	1	SE	3																									
8	SW	SW	SW	SW	16	10	11	Q	SW	AS	SW	1	SW	4																									
9	SE	SE	SE	SE	7	20	22	Q	SE	AS	SE	1	SE	3																									
10	SW	NE	NE	NE	23	27	24	Q	SW	AS	SW	4	SW	4																									
11	E	SE	SE	SE	20	19	18	Q	E	AS	E	2	E	4																									
12	SE	SE	SE	SE	16	16	12	Q	SE	AS	SE	2	SE	2																									
13	SW	SW	SW	SW	9	15	16	Q	SW	AS	SW	1	SW	2																									
14	SW	SW	SW	SW	24	22	23	Q	SW	AS	SW	7	SW	3																									
15	SW	SW	SW	SW	30	15	18	Q	SW	AS	SW	2	SW	8																									
16	SW	SW	SW	SW	22	29	27	Q	SW	AS	SW	2	SW	2																									
17	WN	WN	WN	WN	20	18	17	Q	WN	AS	WN	1	WN	2																									
18	WN	WN	WN	WN	17	25	22	Q	WN	AS	WN	1	WN	4																									
19	NE	SE	SE	SE	15	5	7	Q	NE	AS	NE	2	NE	2																									
20	WN	WN	WN	WN	15	20	23	Q	WN	AS	WN	1	WN	2																									
21	WN	WN	WN	WN	18	18	15	Q	WN	AS	WN	1	WN	2																									
22	WN	WN	WN	WN	19	13	15	Q	WN	AS	WN	1	WN	2																									
23	W	W	W	W	24	20	16	Q	W	AS	W	3	W	1																									
24	W	W	W	W	16	28	15	Q	W	AS	W	1	W	1																									
25	E	SE	SE	SE	18	25	21	Q	E	AS	E	1	E	1																									
26	SW	W	W	W	30	34	45	Q	SW	AS	SW	2	SW	2																									
27	WN	WN	WN	WN	50	39	20	Q	WN	AS	WN	5	WN	5																									
28	W	WN	WN	WN	50	50	48	Q	W	AS	W	1	W	8																									
29	W	WN	WN	WN	45	44	52	Q	W	AS	W	1	W	7																									
30	W	W	W	W	55	50	42	Q	W	AS	W	8	W	8																									
31	WN	WN	WN	WN	38	38	38	Q	WN	AS	WN	10	WN	10																									
BOB					68.5	75.6	70.3																																
MEAN					22	24	22																																

No. of Days Gale.										Weather. No. of Days with:—		10/10 Skt.							
N	NE	E	SE	S	SW	W	NW	CALM	TOTAL	Rain	Snow	Hail	Thunderstorm	Waterpest	b.	c.	o.	Fog.	
10	4	7	7	19	4	27	14	0	93	20	0	1	2	0	4	18	7	2	0

Greatest Wind Velocity and Direction 96 m.p.h. NWd.

Hours of Observations	1500	2000
1	100	100
2	100	100
3	100	100
4	100	100
5	100	100
6	100	100
7	100	100
8	100	100
9	100	100
10	100	100
11	100	100
12	100	100
13	100	100
14	100	100
15	100	100
16	100	100
17	100	100
18	100	100
19	100	100
20	100	100
21	100	100
22	100	100
23	100	100
24	100	100

Rainfall	73.1 mm.
Difference from Average	458 mm. 14.60%
No. of Days Rain	21
Greatest Daily Rainfall	12.6 mm.

Max. Temperature	73°
Min. "	49°
Mean Temperature	63°
Mean Dew Point	54°

	Highest Reading of Barometer	1021.2 mb.
" "	" " "	995.4 mb.
" "	() Lowest	
Difference from Average		
()	Average Pressure for Month	1018.1 mb.

METEOROLOGICAL OBSERVATIONS ST. GEORGES, BERMUDA FEBRUARY 1933

FORM
A 2

0800
1500
2000
Hours of Observations

WIND										CLOUDS						CLOUDS						CLOUDS						CLOUDS							
DIRECTION		SPEED IN M.P.H.					MILES IN 1000 FT. 30 MIN.		UPPER			MEDIUM			LOWER			UPPER			MEDIUM			LOWER			UPPER			MEDIUM			LOWER		
0800	1000	2000	0800	1000	1500	2000	0800	1000	1500	2000	FORM	FROM	AMT.	FORM	FROM	AMT.	FORM	FROM	AMT.	FORM	FROM	AMT.	FORM	FROM	AMT.	FORM	FROM	AMT.	FORM	FROM	AMT.				
1	N	N	N	N	20	25	16	23	21		C.	NW	T	AS	N	2	SW	N	3	SW	N	3	SW	N	3	SW	N	3	SW	N	3				
2	SW	SW	W	W	10	25	28	21	21					AS	W	9	C.	NW	1																
3	NW	NW	NW	NW	22	12	14	16	16					AS	W	8	C.	NW	1																
4	N	NE	SE	SE	18	2	17	12	12		C.	N	2	AS	W	5	SW	N	4	C.	SW	W	4	C.	SW	W	4	C.	SW	W	4				
5	NW	NW	NW	NW	30	25	42	32	32		AS	W	2	AS	W	5	SW	N	4	C.	NW	4													
6	NW	NW	N	N	52	38	28	39	39		AS	N	3	AS	N	3	SW	N	4	C.	NW	4													
7	NW	N	Cal	Cal	12	8	Cal	7	7		C.		T	AS	N	3	SW	N	4	C.	NW	4													
8	SW	S	SW	SW	12	20	28	20	20		C.			AS	N	3	SW	N	4	C.	NW	4													
9	SW	SW	N	N	28	25	20	28	28		C.	NW	4				SW	N	4	C.	NW	4													
10	NE	ENE	ENE	ENE	25	20	28	28	28								SW	NE	10																
11	SE	SW	SW	SW	28	27	22	26	26					AS	W	1	SW	SE	10	C.	W	T	AS	W	T	AS	W	T	AS	W	T				
12	SW	NE	NE	NE	22	28	16	22	22		AS	SW	1	SW	SW	7	SW	SW	7	C.	W	T	AS	W	T	AS	W	T	AS	W	T				
13	ENE	NE	NE	NE	11	15	10	12	12		C.	W	3	C.	E	4	C.	E	4																
14	ESE	SE	SE	SE	15	15	10	12	12					AS	SE	1																			
15	SW	SW	SW	SW	18	20	18	19	19		C.	NW	T	AS	W	2	C.	SW	1																
16	N	N	N	N	25	20	18	22	22		C.	NW	T	AS	W	2	C.	N	10																
17	SE	S	S	S	7	18	18	14	14					AS	NW	7																			
18	SW	SW	SW	SW	25	20	14	19	19		AS	W	T	AS	W	T	SW	SW	9																
19	W	NW	EN	EN	21	11	19	17	17		C.	NW	2	AS	W	4	SW	W	2																
20	ESE	SE	SE	SE	22	27	28	26	26					AS	SW	6	SW	SE	3																
21	W	W	W	W	10	20	22	17	17		C.	W	2	AS	W	4																			
22	N	N	N	N	24	19	18	20	20								C.	N	4																
23	NNE	S	SW	SW	7	10	7	8	8					AS	SE	9	SW	SE	9																
24	W	NW	NW	NW	22	18	22	21	21					AS	W	10	SW	W	10																
25	NW	NW	NW	NW	28	18	10	19	19		C.	N	T	AS	W	5	C.	N	5																
26	W	W	W	W	33	28	40	37	37		AS	W	3	AS	W	3	SW	W	1																
27	NW	NW	NW	NW	39	40	40	40	40		AS	W	T	AS	W	9	SW	NW	9																
28	NW	NW	NW	NW	44	45	42	44	44		AS	NW	1	AS	NW	3	C.	NW	3																
29																																			
30																																			
31																																			
SUM					634	487	601	620	620		173																								
MEAN					23	22	21	22	22																										

Weather. No. of Days with:— 1-2 3-7 8-10 10/10 St.
Rain 2/ 0 1 15 10 2 0
Snow 0 1 15 10 2 0
Hail 1 15 10 2 0
Thunderstorm 0 1 15 10 2 0
Waterspout 0 1 15 10 2 0
Fog 0 1 15 10 2 0

TOTAL
64

No. of Days Gale 5
Greatest Wind Velocity and Direction 45 mph NW

METEOROLOGICAL OBSERVATIONS ST. GEORGES, BERMUDA

MARCH 1933

10800
15000
20000

Height of Barometer Cistern Above Sea Level 150 Feet.

Hours of Observations

Date	TEMPERATURE OF THE AIR										HUMIDITY			VISIBILITY			SOLAR RADIATION	RAYLENGTH IN MILES	WEATHER			REMARKS			
	EXTREMES										PERCENTAGE			0800 1500 2000											
	WET			DRY							0800 1500 2000			0800 1500 2000											
	MAX. A.M.	MIN. P.M.	RANGE	MAX. A.M.	MIN. P.M.	DAYS MAX. MIN.	RANGE	0800	1500	2000	MEAN 24 HRS.	0800	1500	2000	0800	1500			2000						
1	1007.4	1008.6	1009.1	60	56	65	40	56	65	56	9	60	58	65	61	7	8	8	54	128	81	34	C	C	FOR 24 HOURS FROM MIDNIGHT
2	1006.6	1008.2	1005.4	59.4	57	64	56	64	56	56	8	99	88	62	83	8	7	8	51	134	15	53	C	C	1550 Sun at Bona Vista
3	1006.4	1008.1	1010.8	51.5	51	65	53	65	51	14	14	88	86	72	80	7	8	8	48	132	47	63	C	C	1750 Sun at Bona Vista
4	1004.8	1013.9	1014.9	59	54	65	54	65	54	11	69	67	72	69	8	8	9	50	136	27	94	C	C	1800 Gold Star passed	
5	1004.3	1013.2	1015.3	53.7	53	63	53	63	53	10	91	71	70	77	8	7	8	50	136	09	74	C	C	1845 Light Thunderstorm	
6	1004.2	1018.2	1019.1	58	54	60	54	60	54	6	61	62	57	60	8	8	8	50	131	7	73	C	C		
7	1002.0	1021.0	1021.6	57	55	57	64	55	64	11	62	57	70	63	8	6	6	54	102	132	09	9	C	C	1930 Sun at Bona Vista
8	1002.1	1009.5	1009.9	64.5	63	68	63	68	63	10	72	57	100	90	7	6	7	53	128	132	09	9	C	C	1900 Declination passed
9	1013.2	1004.3	1004.9	65	64	71	64	71	64	7	81	73	85	80	6	7	7	53	128	128	09	94	C	C	
10	1016.1	1001.7	1002.0	64.9	64	71	64	71	64	11	92	77	84	81	7	7	7	54	131	123	09	94	C	C	2150 Gold Star passed
11	1008.8	1002.9	1002.5	65	61	64	56	61	56	5	65	57	60	60	8	8	8	53	123		58	C	C		
12	1003.8	1002.8	1004.5	58.4	58	64	58	64	58	8	61	56	66	61	7	8	8	50	132		48	C	C		
13	1005.5	1005.0	1005.2	61.0	57	69	60	69	57	12	76	62	79	72	8	8	9	51	141		94	C	C		
14	1004.2	1002.6	1004.4	64.6	60	78	64	78	60	11	81	73	81	82	8	8	8	52	139	128	09	94	C	C	1900 Gold Star passed
15	1002.2	1002.3	1002.8	66.6	67	64	73	61	73	11	12	89	89	97	6	6	7	61	140	135	09	94	C	C	
16	1002.6	1002.4	1002.4	67.4	69	69	69	72	69	12	84	79	93	85	6	7	8	59	139	02	43	C	C		
17	1002.6	1003.7	1002.3	66.3	70	64	71	64	71	64	7	98	85	87	87	7	7	61	138		94	C	C		
18	1006.7	1009.9	1008.6	66.3	69	71	63	71	63	8	91	82	95	89	7	8	8	59	138	128	09	94	C	C	
19	1006.7	1005.2	1006.2	66.3	69	74	66	74	66	11	88	76	88	84	9	8	8	58	140		106	C	C		
20	1007.4	1004.9	1007.5	65.9	78	72	69	72	69	9	82	85	98	86	8	7	7	62	149		98	C	C		
21	1007.8	1005.2	1005.2	69.3	72	75	72	75	72	7	84	77	84	77	8	7	8	64	128	64	34	C	C	1935 Gold Star passed	
22	1002.7	1004.5	1005.5	70.3	75	69	71	69	71	62	9	89	84	77	8	7	7	60	148		91	C	C		
23	1008.0	1004.0	1007.4	63.4	63	70	62	70	62	8	69	67	72	74	8	7	7	58	128	60	79	C	C	1550 Gold Star passed	
24	1008.0	1008.0	1008.7	65.0	63	65	65	65	63	9	71	80	72	74	8	7	8	48	137	02	75	C	C	1630 Secondary Gold Star passed	
25	1004.8	1004.3	1004.3	55.4	60	64	58	64	58	62	65	66	65	65	9	8	8	50	141	22	84	C	C		
26	1007.8	1005.6	1005.6	59.3	63	64	59	64	59	7	68	55	64	62	8	8	8	54	134	10	83	C	C	1800 Thunderstorm Declination passed	
27	1002.7	1004.8	1006.1	61.3	63	64	59	64	59	11	68	61	65	65	8	8	8	52	133	11	74	C	C		
28	1007.3	1007.7	1008.5	59.0	61	65	54	65	54	13	61	72	72	68	7	7	7	51	142	30	78	C	C	1200 Declination passed	
29	1006.9	1005.4	1006.5	63.3	64	69	56	69	56	13	57	53	67	58	8	8	8	51	136	7	78	C	C		
30	1004.2	1009.3	1009.3	57.9	61	62	57	62	57	7	57	53	67	58	8	8	8	53	136		95	C	C		
31	1002.9	1008.9	1008.4	60.0	57	62	58	62	58	12	49	54	60	54	8	8	8	54	138		95	C	C		
MEAN	596.9	598.1	598.8	60.3	60	68	58	68	58	10	74	71	75	73	8	8	8	54	125	21	73				
MEAN	1007.6	1006.5	1007.4	61.9	61.9	65.2	47.3	67.4	65.2	47.3	67.4	61.9	61.9	65.2	47.3	67.4	61.9	61.9	65.2	47.3	67.4				

Rainfall 66.2 mm
 Difference from Average 52.2 mm. 14.0
 No. of Days Rain 18
 Greatest Daily Rainfall 13.5 mm
 Max. Temperature 75°
 Min. " 51°
 Mean Temperature 63°
 Mean Dew Point 54°
 Average Pressure for Month 1017.0 mb

1953

2000

N		NE		E		SE		S		SW		W		NW		CALM		TOTAL		Weather. No. of Days with:—					8-10		10/10 St.			
10		1		2		2		16		11		21		62		0		25		Hail					bc.		c.		Fog.	
																				Thunderstorm					s		f		0	
18		0		1		2		2		1		2		19		3		0		Waterspout					1		0		0	
18		0		1		2		2		1		2		19		3		0		Waterspout					1		0		0	
18		0		1		2		2		1		2		19		3		0		Waterspout					1		0		0	

Greatest Wind Velocity and Direction 68 mph. NW

METEOROLOGICAL OBSERVATIONS ST. GEORGES, BERMUDA APRIL 1933

Height of Barometer Cistern Above Sea Level 158 Feet. Hours of Observations 0800 1500 2000

DATE	CORRECTED BAROMETER AT SEA LEVEL.			TEMPERATURE OF THE AIR										HUMIDITY			VISIBILITY			GRAVE MINIMUM	MOON RADIATION	RAINFALL IN MILLIMETERS	WIND DIRECTION	WEATHER			REMARKS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
	0800	1500	2000	WET					EXTREMES					PERCENTAGE			0800 1500 2000							0800 1500 2000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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1	1026.4	1025.0	1023.8	59.1	65.4	61.5	57.5	57.6	56.1	59	67	60	63	6.5	8	9	8	48	148	10.4	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc	bc

Rainfall 193.5 mm.
 Difference from Average 66.9 mm.
 No. of Days Rain 16
 Greatest Daily Rainfall 62.7 mm.
 Max. Temperature 76°
 Min. " 55°
 Mean Temperature 66°
 Mean Dew Point 59°
 Highest Reading of Barometer 1025.2 mb.
 Lowest " 1013.1 mb.
 Difference from Average 10.5 mb.
 Average Pressure for Month 1015.4 mb.

METEOROLOGICAL OBSERVATIONS ST. GEORGES, BERMUDA APRIL 1933

10800
1500
Hours of Observations
2000

DATE	WIND										CLOUDS											
	DIRECTION		SPEED IN M.P.H.				TEMP IN °F.				CLOUDS 0800			CLOUDS 1500			CLOUDS 2000			CLOUDS 2100		
			0800	1000	1500	2000	0800	1000	1500	2000												
1	NW	SSW	8	5	11	8	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C
2	SW	SSW	14	20	14	16	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C
3	SSW	SW	21	20	18	20	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C
4	S	SSW	22	22	24	23	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C
5	NW	NW	17	14	10	14	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C
6	NW	NW	13	10	7	10	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C
7	SSW	SSW	8	17	19	15	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C
8	NW	NW	15	9	8	11	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C
9	SW	NW	7	5	5	6	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C
10	NW	SSW	6	4	3	4	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C
11	SE	E	8	10	10	9	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C
12	E	ESE	20	27	26	24	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C
13	ESE	E	26	41	38	36	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C
14	NE	NE	25	28	28	28	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C
15	NE	NE	25	28	28	28	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C
16	NE	E	23	25	22	23	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C
17	E	ESE	22	21	17	20	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C
18	SE	SE	19	19	20	19	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C
19	SE	SE	12	9	6	9	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C
20	E	E	10	17	23	17	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C
21	NE	NE	31	26	18	25	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C
22	E	E	18	22	21	24	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C
23	NW	NW	12	20	23	18	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C
24	NW	NW	15	12	8	12	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C
25	S	SE	5	17	28	17	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C
26	NW	NW	27	16	16	23	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C
27	W	SSW	6	16	12	11	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C
28	N	NE	10	9	13	11	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C
29	E	E	20	16	15	17	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C
30	ENE	E	16	20	22	19	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C
31							C	NW	2	C	NW	2	C	NW	2	C	NW	2	C	NW	2	C
MEAN																						

Weather. No. of Days with: 1-2 3-7 8-10 10/10 St.
Rain 16 0
Snow 0
Thunderstorm 0
Fog 0
Greatest Wind Velocity and Direction 138 m.p.h. W.

FORM
A.

METEOROLOGICAL OBSERVATIONS ST. GEORGES, BERMUDA MAY 1933

Height of Barometer Cistern Above Sea Level 158 Feet.

0800
1500
2000
Hours of Observations

DATE	TEMPERATURE OF THE AIR										HUMIDITY			VISIBILITY			DRAINAGE	WIND DIRECTION	WIND FORCE	WEATHER	REMARKS		
	EXTREMES										PERCENTAGE			MILES									
	WET			WET			WET			PERCENTAGE			MILES										
	MAX.	MIN.	WET	MAX.	MIN.	WET	MAX.	MIN.	WET	MAX.	MIN.	WET	MAX.	MIN.	WET								
0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000			
1	65.5	73.2	67.8	64.8	70.5	67.5	65	75	65	75	65	10	94	87	97	93	5	7	7	17.2	1.0	C	
2	65.0	70.8	67.5	64.8	69.8	70.5	65	75	65	75	65	10	99	89	97	95	6	7	7	15.4	1.7	C	0135 Warm Storm passed
3	70.5	74.5	69.5	68.0	70.7	70.5	66	76	68	76	66	10	87	82	97	89	9	7	7	14.6	4.5	2.0	0135 Warm Storm passed
4	70.4	74.9	69.4	68.1	70.5	70.5	67	77	67	77	67	11	89	79	90	86	9	9	9	14.5	12.5	2.0	0430 Cold Storm passed
5	70.7	75.2	67.5	67.7	69.9	69.6	70	78	70	78	70	8	88	75	86	83	7	7	7	14.1	11.5	2.0	0430 Cold Storm passed
6	69.4	70.8	64.4	65.1	64.8	64.8	70	73	64	73	63	10	79	63	76	73	8	9	8	14.0	11.2	2.0	0430 Cold Storm passed
7	71.1	74.1	70.2	69.4	71.5	69.5	71	74	70	74	64	12	87	87	95	90	5	5	5	13.9	7	5.3	0430 Cold Storm passed
8	67.4	72.0	64.2	64.4	67.4	67.4	65	73	67	73	65	8	88	69	78	74	8	9	8	14.1	11.9	2.0	0430 Cold Storm passed
9	72.5	74.0	69.0	70.8	71.6	65.4	73	74	67	74	65	9	92	88	87	89	6	6	7	14.1	11.2	6.0	0430 Cold Storm passed
10	69.9	77.0	69.8	64.9	70.7	68.3	70	74	69	74	64	13	75	72	92	80	8	8	8	14.6	7	10.9	0430 Cold Storm passed
11	73.8	75.2	69.8	71.9	70.6	67.1	74	69	74	69	69	7	90	86	87	88	5	5	5	14.0	6.9	2.2	0430 Cold Storm passed
12	69.1	74.2	65.9	67.5	67.5	67.5	70	73	73	73	63	12	63	60	79	77	8	9	8	14.1	11.8	2.0	0430 Cold Storm passed
13	71.0	70.8	66.9	67.6	67.7	67.7	71	75	75	75	65	10	71	75	79	75	7	8	7	14.4	11.4	5.9	0430 Cold Storm passed
14	70.8	75.6	71.8	70.5	70.9	70.4	72	70	71	71	70	7	94	87	93	91	7	5	7	14.1	11.2	5.4	0430 Cold Storm passed
15	70.5	75.8	71.2	70.6	70.5	70.4	73	70	71	71	70	7	90	90	97	92	7	6	4	14.1	11.6	5.4	0430 Cold Storm passed
16	70.8	75.8	71.2	70.6	70.5	70.4	73	70	71	71	70	7	90	90	97	92	7	6	4	14.1	11.6	5.4	0430 Cold Storm passed
17	70.8	75.8	71.2	70.6	70.5	70.4	73	70	71	71	70	7	90	90	97	92	7	6	4	14.1	11.6	5.4	0430 Cold Storm passed
18	70.8	75.8	71.2	70.6	70.5	70.4	73	70	71	71	70	7	90	90	97	92	7	6	4	14.1	11.6	5.4	0430 Cold Storm passed
19	70.8	75.8	71.2	70.6	70.5	70.4	73	70	71	71	70	7	90	90	97	92	7	6	4	14.1	11.6	5.4	0430 Cold Storm passed
20	70.8	75.8	71.2	70.6	70.5	70.4	73	70	71	71	70	7	90	90	97	92	7	6	4	14.1	11.6	5.4	0430 Cold Storm passed
21	70.8	75.8	71.2	70.6	70.5	70.4	73	70	71	71	70	7	90	90	97	92	7	6	4	14.1	11.6	5.4	0430 Cold Storm passed
22	70.8	75.8	71.2	70.6	70.5	70.4	73	70	71	71	70	7	90	90	97	92	7	6	4	14.1	11.6	5.4	0430 Cold Storm passed
23	70.8	75.8	71.2	70.6	70.5	70.4	73	70	71	71	70	7	90	90	97	92	7	6	4	14.1	11.6	5.4	0430 Cold Storm passed
24	70.8	75.8	71.2	70.6	70.5	70.4	73	70	71	71	70	7	90	90	97	92	7	6	4	14.1	11.6	5.4	0430 Cold Storm passed
25	70.8	75.8	71.2	70.6	70.5	70.4	73	70	71	71	70	7	90	90	97	92	7	6	4	14.1	11.6	5.4	0430 Cold Storm passed
26	70.8	75.8	71.2	70.6	70.5	70.4	73	70	71	71	70	7	90	90	97	92	7	6	4	14.1	11.6	5.4	0430 Cold Storm passed
27	70.8	75.8	71.2	70.6	70.5	70.4	73	70	71	71	70	7	90	90	97	92	7	6	4	14.1	11.6	5.4	0430 Cold Storm passed
28	70.8	75.8	71.2	70.6	70.5	70.4	73	70	71	71	70	7	90	90	97	92	7	6	4	14.1	11.6	5.4	0430 Cold Storm passed
29	70.8	75.8	71.2	70.6	70.5	70.4	73	70	71	71	70	7	90	90	97	92	7	6	4	14.1	11.6	5.4	0430 Cold Storm passed
30	70.8	75.8	71.2	70.6	70.5	70.4	73	70	71	71	70	7	90	90	97	92	7	6	4	14.1	11.6	5.4	0430 Cold Storm passed
31	70.8	75.8	71.2	70.6	70.5	70.4	73	70	71	71	70	7	90	90	97	92	7	6	4	14.1	11.6	5.4	0430 Cold Storm passed
SUM	5499.8	5597.4	5597.4	5597.4	5597.4	5597.4	5597.4	5597.4	5597.4	5597.4	5597.4	5597.4	5597.4	5597.4	5597.4	5597.4	5597.4	5597.4	5597.4	5597.4	5597.4	5597.4	5597.4
MEAN	70.8	75.8	71.2	70.6	70.5	70.4	73	70	71	71	70	7	90	90	97	92	7	6	4	14.1	11.6	5.4	0430 Cold Storm passed

Max. Temperature	93°	Max. Temperature	69°
Min. " "	68°	Difference from Average	20.5 mm. below
Mean Temperature	78°	No. of Days Rain	13
Mean Dew Point	65°	Greatest Daily Rainfall	20.8 mm
		Rainfall	69.4 mm

0800
1500
2000

N	NE	E	SE	S	SW	W	NW	CALM	TOTAL.
6	6	9	10	20	10	29	3	0	93
No. of Days Gale.									
Rain 13									
Snow 0									
Hail 0									
Thunderstorm 2									
Watersport 0									
Weather. No. of Days with:—									
1-2 3-7 8-10 10/10 SL.									
b. bc. c. o. Fog.									

Greatest Wind Velocity and Direction $\frac{50 \text{ mph } W}{5 \text{ mph } NE}$

METEOROLOGICAL OBSERVATIONS ST. GEORGES, BERMUDA

Height of Barometer Cistern Above Sea Level	158 Feet.
158	158
157	157
156	156
155	155
154	154
153	153
152	152
151	151
150	150
149	149
148	148
147	147
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145	145
144	144
143	143
142	142
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10	10
9	9
8	8
7	7
6	6
5	5
4	4
3	3
2	2
1	1
0	0

Hours of Observations

[illegible]

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100

MAX. temperature	Min	68°
100°-5	100°-5	100°-5

Difference from Average	Mean Temperature	$\bar{m}$
	57.4411.	

5 (") Average Pressure for Month 1016.3 mm 10°
Mean Dew Point ~10°

Rainfall 117.1 mm.

Difference from Average	
6.3 mm below	

No. of Days Rain	12
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Greatest Daily Rainfall	36.9 mm.
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N	NE	E	SE	S	SW	W	NW	CALM	TOTAL	Rain	Snow	Hail	Thunderstorm	Waterspout	1-2	3-7	8-10	10/10 St.	
11	1	1	11	21	5	24	6	0	90	12	0	0	2	0	b.	bc.	c.	o.	
No. of Days Gales										0									

N	NE	E	SE	S	SW	W	NW	CALM	TOTAL	Rain	Snow	Hail	Thunderstorm	Waterspout	1-2	3-7	8-10	10/10 St.	
11	1	1	11	21	5	24	6	0	90	12	0	0	2	0	b.	bc.	c.	o.	
No. of Days Gates										0									

METEOROLOGICAL OBSERVATIONS ST. GEORGES, BERMUDA

JULY 1933

Hours of Observations 10800
1500
2000

Height of Barometer Cistern Above Sea Level 158 Feet.

DATE	CORRECTED BAROMETER AT SEA LEVEL					TEMPERATURE OF THE AIR										HUMIDITY				VISIBILITY				SEA SURFACE TEMPERATURE	WIND DIRECTION	WEATHER			REMARKS																						
						EXTREMES					WET					PERCENTAGE										BATHYMETRY	SOUNDING	THERMISTERS																							
0800	1000	1200	1400	1600	0800	1000	1200	1400	1600	0800	1000	1200	1400	1600	0800	1000	1200	1400	1600	0800	1000	1200	0800	1000	1200	0800	1000	1200																							
1	1020.5	1019.4	1018.9	1018.5	1018.0	78.1	78.8	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7																						
2	1019.4	1018.9	1018.5	1018.0	1017.5	78.1	78.8	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7																						
3	1018.9	1018.5	1018.0	1017.5	1017.0	78.1	78.8	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7																						
4	1018.5	1018.0	1017.5	1017.0	1016.5	78.1	78.8	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7																						
5	1018.0	1017.5	1017.0	1016.5	1016.0	78.1	78.8	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7																						
6	1017.5	1017.0	1016.5	1016.0	1015.5	78.1	78.8	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7																						
7	1017.0	1016.5	1016.0	1015.5	1015.0	78.1	78.8	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7																						
8	1016.5	1016.0	1015.5	1015.0	1014.5	78.1	78.8	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7																						
9	1016.0	1015.5	1015.0	1014.5	1014.0	78.1	78.8	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7																						
10	1015.5	1015.0	1014.5	1014.0	1013.5	78.1	78.8	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7																						
11	1015.0	1014.5	1014.0	1013.5	1013.0	78.1	78.8	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7																						
12	1014.5	1014.0	1013.5	1013.0	1012.5	78.1	78.8	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7																						
13	1014.0	1013.5	1013.0	1012.5	1012.0	78.1	78.8	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7																						
14	1013.5	1013.0	1012.5	1012.0	1011.5	78.1	78.8	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7																						
15	1013.0	1012.5	1012.0	1011.5	1011.0	78.1	78.8	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7																						
16	1012.5	1012.0	1011.5	1011.0	1010.5	78.1	78.8	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7																						
17	1012.0	1011.5	1011.0	1010.5	1010.0	78.1	78.8	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7																						
18	1011.5	1011.0	1010.5	1010.0	1009.5	78.1	78.8	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7																						
19	1011.0	1010.5	1010.0	1009.5	1009.0	78.1	78.8	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7																						
20	1010.5	1010.0	1009.5	1009.0	1008.5	78.1	78.8	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7																						
21	1010.0	1009.5	1009.0	1008.5	1008.0	78.1	78.8	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7																						
22	1009.5	1009.0	1008.5	1008.0	1007.5	78.1	78.8	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7																						
23	1009.0	1008.5	1008.0	1007.5	1007.0	78.1	78.8	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7																						
24	1008.5	1008.0	1007.5	1007.0	1006.5	78.1	78.8	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7																						
25	1008.0	1007.5	1007.0	1006.5	1006.0	78.1	78.8	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7																						
26	1007.5	1007.0	1006.5	1006.0	1005.5	78.1	78.8	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7																						
27	1007.0	1006.5	1006.0	1005.5	1005.0	78.1	78.8	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7																						
28	1006.5	1006.0	1005.5	1005.0	1004.5	78.1	78.8	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7																						
29	1006.0	1005.5	1005.0	1004.5	1004.0	78.1	78.8	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7																						
30	1005.5	1005.0	1004.5	1004.0	1003.5	78.1	78.8	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7																						
31	1005.0	1004.5	1004.0	1003.5	1003.0	78.1	78.8	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7	79.8	79.0	79.4	79.7																						

Rainfall 106.7 mm.
 Difference from Average 9.7 mm.
 No. of Days Rain 15
 Greatest Daily Rainfall 79.0 mm.
 Max. Temperature 89.7°
 Min. " 69.9°
 Mean Temperature 79.8°
 Mean Dew Point 74°
 Average Pressure for Month 1009.0 mm.
 Highest Reading of Barometer 1020.5 mm.
 Lowest " 1002.5 mm.
 Difference from Average 9.7 mm.
 No. of Days Rain 15
 Greatest Daily Rainfall 79.0 mm.

METEOROLOGICAL OBSERVATIONS ST. GEORGES, BERMUDA JULY 1933

0800
1500
Hours of Observations
2000

WIND										CLOUDS 0800						CLOUDS 1800						CLOUDS 2000					
DATE	DIRECTION		SPEED IN M.P.H.				WIND BY 34 HRS	UPPER		MEDIUM		LOWER		UPPER		MEDIUM		LOWER		UPPER		MEDIUM		LOWER			
	0800	1000	1200	1400	1600	FORM		AMT.	FORM	AMT.	FORM	AMT.	FORM	AMT.	FORM	AMT.	FORM	AMT.	FORM	AMT.	FORM	AMT.	FORM	AMT.			
1	S	SSW	WSW	10	12	13	12		Cu	NV	3		Cu	S	3		Cu	W	2		Cu	W	2		Cu	SW	1
2	WSW	WSW	SW	10	13	8	10		QSt	NV	1		Cu	W	4		Cu	W	1		Cu	W	4		Cu	W	5
3	SWW	SWW	SSW	11	17	18	15		QSt	2		Cu	SW	3		QSt	N	3		Cu	S	3		Cu	SW	2	
4	SSW	SWW	S	20	21	21	21		Cu	S	7		Cu	SW	5		QSt	NE	7		Cu	S	4		Cu	S	1
5	S	S	SSE	20	15	12	16		QSt	1		Cu	S	2		Cu	S	2		Cu	W	1		Cu	S	3	
6	S	SSE	SSE	16	17	13	15		Cu	W	7		Cu	S	2		Cu	W	1		Cu	S	3		Cu	S	5
7	S	SSW	S	15	10	9	9		QSt	W	7		Cu	S	1		Cu	W	1		Cu	S	4		Cu	S	4
8	SWW	S	S	13	10	9	11		QSt	W	7		Cu	S	1		Cu	W	2		Cu	S	1		Cu	S	1
9	SSW	SWW	SSW	13	15	11	13		QSt	W	7		Cu	S	1		Cu	W	2		Cu	S	1		Cu	S	1
10	SWW	S	S	15	17	11	14		Cu	S	2		Cu	S	1		Cu	W	2		Cu	S	2		Cu	S	4
11	S	S	SSE	12	12	11	12						Cu	S	4		Cu	W	1		Cu	S	4		Cu	S	5
12	SWW	SWW	SW	14	15	7	12						Cu	S	3		Cu	W	1		Cu	S	3		Cu	S	3
13	SWW	SSW	SW	14	20	12	15		Cu	SE	3		Cu	S	3		Cu	W	2		Cu	S	6		Cu	W	6
14	SWW	SSW	SSW	14	16	14	15		Cu	SW	3		Cu	S	3		Cu	W	2		Cu	S	3		Cu	S	1
15	SWW	SSW	SSW	22	19	14	18						Cu	S	4		Cu	W	2		Cu	S	3		Cu	S	2
16	SWW	S	SW	15	13	7	12		Cu	SW	4		Cu	S	2		Cu	W	2		Cu	S	3		Cu	S	1
17	SWW	SSE	SWWS	10	11	8	10						Cu	SW	4		Cu	W	2		Cu	S	1		Cu	SW	1
18	WSW	W	W	6	8	3	6		Cu	SW	2		Cu	SW	2		Cu	W	2		Cu	W	2		Cu	W	2
19	SW	WSW	WSW	5	9	7	7		Cu	SW	6		Cu	SW	6		Cu	W	2		Cu	W	2		Cu	W	2
20	WSW	WSW	WSW	4	10	8	7		Cu	W	3		Cu	W	3		Cu	W	2		Cu	W	3		Cu	W	3
21	WSW	WSW	WSW	4	5	1	3		Cu	NV	1		Cu	NV	1		Cu	NV	2		Cu	W	1		Cu	W	1
22	SW	S	SSW	5	10	4	6		Cu	W	7		Cu	W	7		Cu	W	2		Cu	W	2		Cu	W	2
23	S	WSW	WSW	8	7	7	7		Cu	W	1		Cu	W	4		Cu	W	2		Cu	W	2		Cu	W	3
24	NV	WSW	NV	11	8	14	11		QSt	2		Cu	NV	4		Cu	W	2		Cu	NV	1		Cu	NV	1	
25	WSW	WSW	NV	18	18	7	14		Cu	W	10		Cu	W	10		Cu	W	2		Cu	W	2		Cu	W	5
26	NV	W	W	20	15	15	17		Cu	W	2		Cu	W	2		Cu	W	2		Cu	W	2		Cu	W	4
27	WSW	WSW	W	20	10	12	14		Cu	W	7		Cu	W	2		Cu	W	2		Cu	W	2		Cu	W	4
28	WSW	WSW	W	19	17	12	16		Cu	W	3		Cu	W	5		Cu	W	2		Cu	W	2		Cu	W	1
29	WSW	WSW	WSW	9	7	7	8		Cu	N	3		Cu	W	6		Cu	W	2		Cu	W	2		Cu	W	7
30	WSW	WSW	WSW	13	9	11	11		QSt	1		Cu	W	2		Cu	W	2		Cu	W	2		Cu	W	7	
31	W	WSW	WSW	16	11	14	14						Cu	W	2		Cu	W	2		Cu	W	2		Cu	W	1
32				4.02	3.97	3.14	3.11																				

Weather: No. of Days with: 1-2 3-7 8-10 10/10 St.
Rain 15 Snow 0 Hail 0 Thunderstorm 4 Fog 0
No. of Days Calm 0 TOTAL 35
Greatest Wind Velocity and Direction 44 mph NW

Height of Barometer Cistern Above Sea Level 150 Feet.

Hours of Observations

[illegible]

METEOROLOGICAL OBSERVATIONS ST. GEORGES, BERMUDA August 1933

10800
1500
Hours of Observations
2000

WIND										CLOUDS 0800						CLOUDS 1800						CLOUDS 2000					
TIME	DIRECTION		SPEED IN M.P.H.				MILES IN 24 HRS	UPPER		MEDIUM		LOWER		UPPER		MEDIUM		LOWER		UPPER		MEDIUM		LOWER			
	0800	1800	0800	1800	2000	FROM		TO	FROM	ART.	FROM	ART.	FROM	ART.	FROM	ART.	FROM	ART.	FROM	ART.	FROM	ART.	FROM	ART.	FROM	ART.	
1	W	W	13	16	12	14			0.5	NE	7		0.5	N	5		0.5	W	2		0.5	N	2		0.5	W	4
2	WNW	WNW	9	12	7	9			0.5				0.5	NE	2		0.5	W	4		0.5	NE	1		0.5	W	1
3	WNW	SE	9	18	3	10			0.5		4		0.5		2		0.5	W	4		0.5				0.5	W	5
4	S	S	17	15	13	15			0.5		1		0.5		1		0.5	W	4		0.5				0.5	SW	2
5	S	SW	20	20	12	17			0.5		1		0.5		1		0.5	W	4		0.5				0.5	SW	7
6	S	S	9	1	1	4			0.5		3		0.5		4		0.5	SW	5		0.5				0.5	SW	4
7	ESE	S	7	13	7	9			0.5		4		0.5		3		0.5	W	4		0.5				0.5	SW	6
8	SE	SW	11	5	3	6			0.5		1		0.5		2		0.5	SW	4		0.5				0.5	SW	1
9	S	SW	5	10	10	8			0.5		4		0.5		1		0.5	SW	4		0.5				0.5	SW	3
10	WNW	SW	24	5	7	12			0.5		1		0.5		2		0.5	SW	5		0.5				0.5	SW	1
11	SW	SW	12	13	14	13			0.5		2		0.5		2		0.5	SW	3		0.5				0.5	SW	3
12	WSW	WSW	9	8	7	8			0.5		5		0.5		2		0.5	SW	4		0.5				0.5	SW	4
13	S	SW	5	7	10	9			0.5		2		0.5		4		0.5	SW	4		0.5				0.5	SW	2
14	SSE	S	7	10	10	9			0.5		1		0.5		5		0.5	SW	5		0.5				0.5	SW	7
15	SSE	S	13	11	5	10			0.5		1		0.5		4		0.5	SW	4		0.5				0.5	SW	2
16	SW	SSE	3	7	7	6			0.5		1		0.5		3		0.5	SW	3		0.5				0.5	SW	1
17	SSE	SSE	9	12	5	9			0.5		1		0.5		1		0.5	SW	4		0.5				0.5	SW	1
18	SSE	SSE	16	13	8	12			0.5		2		0.5		1		0.5	SW	4		0.5				0.5	SW	1
19	E	SW	10	15	22	16			0.5		3		0.5		1		0.5	SW	4		0.5				0.5	SW	1
20	ENE	E	20	21	40	26			0.5		3		0.5		1		0.5	SW	4		0.5				0.5	SW	1
21	ESE	ENE	22	49	50	50			0.5		10		0.5		5		0.5	SW	4		0.5				0.5	SW	1
22	SE	SE	23	24	21	24			0.5		3		0.5		4		0.5	SW	4		0.5				0.5	SW	1
23	SE	SE	24	17	12	18			0.5		2		0.5		2		0.5	SW	4		0.5				0.5	SW	1
24	SE	SE	7	9	5	7			0.5		1		0.5		2		0.5	SW	4		0.5				0.5	SW	1
25	SSE	SSE	10	9	11	10			0.5		1		0.5		2		0.5	SW	4		0.5				0.5	SW	1
26	S	SW	15	13	13	14			0.5		1		0.5		4		0.5	SW	4		0.5				0.5	SW	1
27	S	SE	13	17	20	17			0.5		1		0.5		2		0.5	SW	4		0.5				0.5	SW	1
28	SSE	S	27	21	23	26			0.5		1		0.5		1		0.5	SW	4		0.5				0.5	SW	1
29	SW	SW	15	12	15	14			0.5		1		0.5		1		0.5	SW	4		0.5				0.5	SW	1
30	SW	SW	12	11	6	10			0.5		3		0.5		1		0.5	SW	4		0.5				0.5	SW	1
31	SW	W	8	12	5	8			0.5		4		0.5		1		0.5	SW	4		0.5				0.5	SW	1
32	SW	W	459	440	281	435			0.5		4		0.5		5		0.5	SW	4		0.5				0.5	SW	1
33	SW	W	15	15	12	14			0.5		1		0.5		2		0.5	SW	4		0.5				0.5	SW	1

N 1 NE 0 E 5 SE 8 S 7 SW 10 W 10 NW 3 CALM 1 TOTAL 53

No. of Days Gale. 3
Greatest Wind Velocity and Direction 33 mph S.E.

Weather. No. of Days with:— 1-2 3-7 8-10 10/10 St.
Rain 19 Snow 0 Hail 0 Thunderstorm 2 Waterspout 3
Fog 0

Results of Pilot Balloon Observations at St. Georges, Bermuda.

Height of station above sea level, 55 metres. Latitude. $32^{\circ} 28'$ North.

Time. Greenwich Mean Time is used throughout. Longitude 64° 40' West.

D, Direction. Wind direction is expressed in degrees from North (360°) through East (90°), South (180°) and West (270°).

V, Velocity, is expressed in metres per second.

Plot Balloon observations were not commenced until March 1933.

[illegible][illegible]

** Continued below*

April	11 th	15.43	7000 m	7000 m	9000 m	10,000 m	11,000 m	12,000 m	13,000 m	14,000 m	15,000 m
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Results of Pilot Balloon Observations at Bermuda.

M A Y			D		V		D		V		D		V		D		V		D		V		D		V	
Date and Hour			500 m		1000 m		1500 m		2000 m		2500 m		3000 m		4000 m		5000 m		6000 m							
			o	m/s	o	m/s	o	m/s	o	m/s	o	m/s	o	m/s	o	m/s	o	m/s	o	m/s	o	m/s	o	m/s	o	m/s
May	3 rd	18.25	223	9	226	11	231	11	231	13																
May	4 th	14.15	231	6	238	9	238	11	236	9	241	11	247	9												
May	6 th	18.47	195	3	210	5	216	4	213	4	213	7	211	12	292	18										
May	8 th	18.30	210	5	249	4	263	9																		
May	9 th	18.47	215	9	213	10	210	17																		
May	10 th	13.58	197	3	266	4	264	5	278	6	304	4	306	9	288	17										
May	10 th	19.22	243	5	232	6	245	8	239	6	260	5														
May	16 th	14.02	305	1	271	5	300	9	296	8																
May	17 th	19.02	263	10	216	11																				
May	19 th	19.17	23	13	54	11	58	15																		
May	20 th	14.09	67	4	75	4	83	4	76	2	39	3	333	4	216	3	303	4	354	7						
May	22 nd	19.21	253	3	305	3	266	4	244	4	245	5														
May	23 rd	15.15	247	2	319	2	323	2	312	4	305	4														
May	25 th	14.19	268	5	270	5	275	9																		
May	26 th	14.11	275	7	292	8	287	4	291	5	279	6	288	6												
May	27 th	19.39	291	7	307	4	288	4	275	3	291	5	318	4	329	4										
May	29 th	18.38	233	5	228	7	212	7	207	5																
May	30 th	14.40	163	3	163	3	240	2	225	1	175	1	230	2	237	4	219	4	227	4						

* Continued below

			7000 m		8000 m		9000 m		10,000 m		11,000		12,000 m		13,000 m		14,000 m		15,000 m	
May	30 th	14.40	207	2	257	4														

JUNE		D		V		D		V		D		V		D		V		D		V		D		V	
Date and Hour		500 m		1000 m		1500 m		2000 m		2500 m		3000 m		4000 m		5000 m		6000 m							
		o	m/s	o	m/s	o	m/s	o	m/s	o	m/s	o	m/s	o	m/s	o	m/s	o	m/s	o	m/s	o	m/s	o	m/s
June	5 th	14.83	281	4	265	3	258	4	264	4	273	4	270	4	272	6									
June	6 th	14.75	289	5	257	6																			
June	7 th	18.14	235	7	243	8	254	5	301	6	298	4													
June	8 th	14.17	360	4	329	5	326	8	349	9	299	12													
June	9 th	14.03	18	1	357	5	337	8	321	7	326	5	329	6	355	6	334	11	321	7					
June	10 th	13.52	315	1	293	3	297	4	305	4	309	3	9	3											
June	12 th	19.12	227	4	246	4																			
June	14 th	13.55	187	9	134	10	195	14	215	9	229	8	230	10	222	9									
June	17 th	13.55	174	8	181	8	195	10	197	7	200	9	207	9	221	16									
June	20 th	13.55	333	3	336	5	297	6																	
June	21 st	14.21	360	2	318	3	322	6	315	11	304	18													
June	21 st	18.55	27	2	177	1																			
June	22 nd	13.55	309	7	309	7	347	12	343	12	349	10	337	12											
June	26 th	13.50	190	5	179	5	174	6	187	5	193	3	277	4	305	5									
June	27 th	13.53	163	5	167	6	151	5	165	4															
June	28 th	13.50	157	7	163	6	152	5	145	7															
June	29 th	13.55	176	7	178	7	195	6																	
June	30 th	13.43	184	4	193	4	204	2	221	1	234	2	1	1	268	2	245	9	253	4					

* Continued below

		7000 m		8000 m		9000 m		10,000 m		11,000 m		12,000 m		13,000 m		14,000 m		15,000 m	
June	3 rd	14.03	299	6	309	3	325	9	340	16									

Results of Pilot Balloon Observations at Bermuda.

JULY		D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V		
Date and Hour		500 m		1000 m		1500 m		2000 m		2500 m		3000 m		4000 m		5000 m		6000 m	
		0	m/s	0	m/s	0	m/s	0	m/s	0	m/s	0	m/s	0	m/s	0	m/s	0	m/s
July	1 st	13.45	229	4	237	5	270	4	245	5	247	5	244	5					
July	3 rd	14.56	245	7	249	10	264	10	251	8	246	6	247	7	245	7	233	8	
July	5 th	13.31	193	12	197	13	205	12	203	11	194	11	190	12					
July	6 th	14.06	177	9	190	8	201	7	217	7	201	7	191	8	193	9	201	9	191
July	10 th	13.50	191	6	192	9	204	9											
July	11 th	14.52	166	7	184	8	189	10	201	7	191	9	217	9					
July	12 th	19.08	211	6	215	9	225	9	221	9	227	10							
July	13 th	13.50	210	9	217	8	226	9	231	8	238	9	243	8	251	9			
July	14 th	13.50	210	9	218	9	212	9	223	5									
July	15 th	13.50	202	11	208	9	217	8	219	7	217	9	229	5					
July	17 th	13.52	213	3															
July	20 th	13.45	274	3	309	3	301	5	279	7	267	9	253	7					
July	21 st	13.40	264	2	250	2	311	4	290	7	292	8	276	5	257	4	252	6	239
July	22 nd	13.40	246	2	173	1	244	3	253	5	263	6	247	6	227	3	232	6	240
July	25 th	14.10	293	8	295	6	281	7	245	7	232	9	302	6	324	6	329	5	327
July	27 th	13.48	273	9															
July	28 th	13.43	297	8	300	9	293	7	294	7	295	9	293	8	281	8	275	5	277
July	29 th	13.42	302	5	295	6	304	5	302	6	309	7	299	10	265	6	281	7	309
* Continued below.																			
		7000 m		8000 m		9000 m		10,000 m		11,000 m		12,000 m		13,000 m		14,000 m		15,000 m	
July	21 st	13.40	206	6	180	7	148	5	123	1	234	6	210	8	190	10			
July	22 nd	13.40	237	5	232	8	283	2											
July	29 th	13.43	270	6	207	2	193	4	223	5									

AUGUST		D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	
Date and Hour		500 m		1000 m		1500 m		2000 m		2500 m		3000 m		4000 m		5000 m		6000 m		
		0	m/s	0	m/s	0	m/s	0	m/s	0	m/s	0	m/s	0	m/s	0	m/s	0	m/s	
August	2 nd	13.40	281	5	301	3	315	4	329	4	340	4	349	3	297	2	243	3	194	11
August	3 rd	13.50	324	4	317	4	291	3	281	2	297	2	315	1						
August	4 th	13.40	210	4	195	3	180	3	216	1	315	1	348	1	340	6				
August	7 th	13.40	145	2	149	2	170	2	107	1	240	2	284	2	241	2	243	5		
August	8 th	13.55	174	4	197	3	206	7	185	3	180	1	335	1						
August	9 th	13.43	214	4	214	2	217	3	216	3	207	2	210	3	218	1	249	2	255	2
August	10 th	13.50	241	5	257	6	267	7	257	8	241	8								
August	11 th	13.49	211	6	227	6	217	5												
August	12 th	13.33	277	6	272	5	277	4	289	4										
August	14 th	13.45	187	4	196	2	178	2	145	3	155	2	163	1						
August	15 th	13.40	189	7	193	6	193	6												
August	16 th	13.40	217	5	219	5	224	4	231	3	207	4	274	3						
August	17 th	13.50	174	6	125	4	199	2	200	2	246	1	17	3						
August	18 th	13.58	179	7	177	5	166	4	154	4	145	4	91	4	64	5	55	4	78	6
August	19 th	13.40	90	8	99	8	92	6	85	5	88	5	85	6	132	8	108	4		
August	24 th	13.50	136	4	133	5	141	5	139	4	138	4	132	5	117	6	103	2	142	2
August	25 th	14.25	156	5	165	7	174	7												
August	30 th	13.40	225	6	237	4	252	5	257	4	254	4	254	4	203	5	254	4		
* Continued below																				
		7000 m		8000 m		9000 m		10,000 m		11,000 m		12,000 m		13,000 m		14,000 m		15,000 m		
August	2 nd	13.40	225	4	160	6	141	9	119	15	103	23	96	12						
August	18 th	13.50	68	9	40	10														