

## RAINFALL at Soberton for B.R.W.W. Mishiyyat

County of Hampshire Observer E. T. Heldred Esq C.E.

River Basin Soberton Spillhead 5

Snowdon Rain Gauge, by N+3

Daily

Diameter ...						5					
Height .....						10					
Altitude ...						136					
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...						4.17	1.33	1.43	4.02	3.68	Totals 16.19
February ...						5.88	4.71	1.23	1.50	3.16	12.46
March .....						.92	3.61	2.92	1.11	5.58	10.60
April .....						1.09	.85	1.96	1.86	2.55	13.22
May .....						3.72	1.66	2.46	1.63	.46	7.22
June.....						1.45	2.26	3.02	1.18	.65	8.21
July .....						4.30	1.66	3.12	4.54	.86	7.11
August.....						2.21	2.15	6.06	1.90	3.46	10.18
September ..						3.91	2.36	1.84	6.58	1.31	13.57
October ...						4.75	6.00	5.45	1.56	.61	12.09
November..						3.38	4.66	1.36	2.39	2.52	13.62
December...						8.80	4.14	1.26	2.85	6.55	10.93
TOTALS ...						44.58	35.39	32.11	31.12	33.39	14.80
											132.01

1915 Found trees 9 ft high 28 ft SE

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Wickham	2 1/2 m	S SW	Soberton Parish	2 m	NE

RAINFALL at Soberton Gasport & MilfordCounty of HampshireObserver E. T. Hilliard Esq. Jr.River Basin Tidens Head SBradford Rain Gauge, by N+3

Monthly g.

Diameter ...						5"					
Height .....						10					
Altitude ...						106					
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...						4.17	1.35	1.40	4.07	5.68	
February ...						6.03	4.73	1.20	1.52	3.13	
March .....						.90	3.60	2.93	1.10	5.58	
April .....						1.10	.80	1.94	1.83	2.57	
May .....						3.70	1.64	2.42	1.59	.46	
June .....						1.45	2.24	2.95	1.14	.62	
July .....						4.20	1.62	3.04	4.58	.87	
August .....						2.20	2.12	6.03	1.86	3.45	
September ..						3.90	2.32	1.85	6.35	1.27	
October ...						4.73	5.90	5.53	1.58	.59	
November ..						3.35	4.70	1.36	2.37	2.50	
December...						8.85	4.07	1.20	2.93	6.54	
TOTALS ...						44.58	35.09	31.85	30.92	33.26	

1915 Fruit Trees 9 ft high 25 ft SE

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction..
			Wickham	2½ m	SW	Saint Paul's	2 m	NE

699  
20RAINFALL at Soberton, Gosport & W. MislingfordCounty of Hampshire Observer E. J. Heldred Esq. C.S.River Basin Plymouth & Spithead - Gosport Waterworks Co.Snowdon Rain Gauge, by N.Z.

Diameter ...	5"									5"			
Height .....	1	0											
Altitude ...	136									136.99			
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.		Totals.
January ...	3.94	4.14	5.55	1.90	3.11	4.32	5.12	2.56	5.74	1.57	4.90		42.85
February ...	5.2	2.9	3.37	6.00	5.3	4.91	2.34	4.67	2.19	1.51	1.51		27.84
March .....	2.36	1.22	2.6	1.98	1.76	.75	.64	3.57	2.75	.19	1.35		19.03
April.....	3.77	1.97	3.45	3.27	3.38	2.71	3.09	1.96	1.81	.96	2.57		27.94
May .....	1.87	1.79	1.25	2.17	3.78	11.26	1.74	.77	1.56	2.16	1.85		23.20
June .....	2.43	1.03	1.64	1.45	3.21	.00	2.54	2.78	2.66	1.54	.47		17.75
July .....	6.14	2.6	4.67	.92	4.05	3.47	2.04	3.22	1.95	1.85	2.32		30.42
August.....	1.53	2.69	2.83	2.43	3.01	11.22	1.32	4.94	2.40	2.20	4.72		32.29
September..	2.31	.88	1.88	1.70	6.07	3.08	.59	6.48	1.00	.87	3.25		27.61
October.....	3.51	.91	1.18	6.27	4.52	4.82	2.60	2.41	6.98	4.21	2.23		37.54
November...	2.16	2.27	2.17	1.65	2.97	3.58	7.25	3.39	3.23	8.93	6.03		43.63
December...	3.38	2.06	4.76	3.63	5.19	3.91	.37	4.29	3.22	7.52	4.20		42.53
TOTALS...	33.92	17.41	35.21	32.37	41.58	40.03	29.67	41.04	35.49	32.51	35.40		374.63
	D	D	D	D	D	D	D	D	D	D	D		116

Position of Station on reduced Ordnance Survey } No. of Map  
Map, 2 miles to 1 inch Series }

Reference No. ....

Date.	Lat. N. (1923)	Long. W. 1° 9' 5"	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge
1920	50° 52' 27"	1° 9' 5"	Wickham	2 1/2 mi	SW	Parish Ch	2 mi NE

RAINFALL at Soberton, Gosport & W. Milford

County of Hampshire) Observer E. J. Heldred Esq. C.E.

River Basin Itchen + Spithead 5. Gosport Waterworks Co.

Bradford Rain Gauge, by Neg

M

Diameter ...	5"									5"	
Height .....	1	0									
Altitude ...	136									135.99	
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEAN
January ...	4.00	4.08	5.58	1.92		4.14	5.22	2.51	5.77	1.58	4.83
February ...	.52	.29	3.37	6.13		4.90	2.35	4.73	2.19	1.50	
March .....	2.32	1.20	2.41	1.98		.77	.63	3.60	2.77	.42	1.33
April.....	3.65	.97	3.43	3.28		2.72	3.06	1.94	1.78	1.92	2.55
May .....	1.87	1.80	1.21	2.14		4.16	1.74	.75	1.53	1.64	1.84
June .....	2.40	.01	1.59	.44		.00	2.56	2.75	2.68	1.46	.47
July .....	6.24	.23	4.66	.92		3.46	2.06	3.19	1.91	1.31	2.34
August .....	1.52	2.65	2.87	2.41		4.13	1.31	4.97	2.38	2.16	4.30
September...	2.30	.84	1.92	1.70		3.05	.55	6.49	.95	.57	3.25
October.....	3.51	.77	1.14	6.29		4.82	2.59	2.39	6.94	4.24	2.24
November...	2.15	2.25	2.16	1.63		3.58	7.20	3.35	3.23	9.18	6.05
December...	3.40	2.04	4.82	3.65		3.90	.37	4.36	3.24	7.51	4.23
TOTALS...	33.88	17.13	35.16	32.49		39.90	29.64	41.03	35.37	32.28	34.93

1923. not printed, check gauge.

1925. " " "

.926

1926

1928

1928

noting

1930. N.P. Check gauge.

Position of Station on reduced Ordnance Survey } No. of Map \_\_\_\_\_ Reference No. \_\_\_\_\_  
Map, 2 miles to 1 inch Series }

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920			Wickham	2½ mi	S W	Soberton	2 mi	N E

## RAINFALL at Saberton (Mistlingford)

County of Hampshire Observer E. T. Hildred, Esq., C.E.

River Basin Itchen &amp; Spithead 5

Type of Gauge Standard (monthly)  
M.O. (daily)

Annual Average in. based on years obs. un-weighted. Period of average

Ref.

42435/31

Diameter	5										TOTALS	Means
Height	10											
Altitude	136											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940		
January	2.52	3.27	2.10	2.42	.90	5.62	6.64	4.35	5.67	3.48	36.90	
February	2.21	1.17	4.03	.08	3.48	3.02	5.49	.60	1.48	3.97	24.48	
March	.87	1.65	3.50	2.98	.80	2.36	3.92	.51	1.34	3.54	21.47	
April	2.89	3.08	1.35	2.20	4.02	2.24	3.40	.03	2.02	1.21	22.44	
May	3.84	5.16	1.73	.83	1.32	.22	2.89	2.11	1.10	.85	20.05	
June	1.77	1.60	2.58	1.29	3.61	3.00	1.51	.78	1.91	2.21	18.26	
July	4.44	4.45	2.16	1.04	1.26	4.16	1.38	2.53	3.84	3.51	28.77	
August	5.12	1.25	0.81	2.88	3.84	.39	1.64	2.26	2.59	.04	20.82	
September	1.75	3.19	2.74	3.03	4.85	3.42	2.00	1.89	1.00	1.72	25.59	
October	.51	6.36	2.14	2.02	5.42	1.26	3.38	3.79	5.71	4.89	35.50	
November	4.35	1.48	0.77	3.61	7.80	4.48	2.35	4.99	6.45	8.86	45.09	
December	.65	1.36	0.77	10.64	3.99	3.13	5.32	3.63	2.24	2.57	34.20	
TOTALS	30.92	33.04	24.71	32.87	41.29	33.15	39.92	27.47	35.35	34.85	333.51	

Position of Station on reduced Ordnance Survey Map, } No. of Map..... Reference No.....  
1 mile to 1 inch Series

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge
1931.			Worthing	2 1/2 m. S.W.	Saberton		2 m. N.E. by N.

RAINFALL at Soberton (Mincingford) check gauge  
 County of Hampshire Observer F. T. Hildred, Esq., C.E.  
 River Basin Itchen + Spithead 5  
 Type of Gauge Snowden (monthly)

Annual Average ..... in. based on ..... years obs. un-weighted. Period of average .....

Ref.

142435 | 31

Diameter	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
Height											
Altitude											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January											3.32
February											3.98
March											3.56
April											1.21
May											.82
June											.21
July											3.51
August											.40
September											1.69
October											4.89
November											8.87
December											2.58
TOTALS											35.04

1940 up check gauge

Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series No. of Map..... Reference No.....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge.

BRITISH RAINFALL ORGANIZATION

Station No. 699

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## RAINFALL at Soberton (Mincingford).

County of Hampshire

Observer E. J. Hilditch Esq. L. M. I. 1942

River Basin 9.1km &amp; Spithead 15.

The Secretary, Govt. W.W.

Type of Gauge M.O. (dowdy)

Annual Average.....in. based on.....years obs. un-weighted. Period of average..... Ref.....

" " 31.7 in computed by Mr Corrigan (1936) File No. 142435/3.1.  
Ref. 56245/48

Diameter	5"			323	507						
Height	1' 0"					1					
Altitude	136'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.57	3.94	6.16	2.55	2.07	3.01	3.15	5.76	1.04	.80	32.05
February	3.29	.74	1.48	.74	2.31	3.09	2.44	1.29	1.40	5.24	22.05
March	4.05	2.67	.67	.25	.83	1.07	7.09	.78	1.77	1.83	21.01
April	1.87	1.82	1.02	1.54	1.07	2.21	2.14	1.39	1.77	2.71	17.57
May	2.51	2.67	2.90	.72	2.38	4.73	1.11	2.63	1.76	1.07	22.48
June	1.69	.40	1.69	2.26	2.92	4.50	1.88	2.88	.60	2.03	20.35
July	3.47	1.81	3.22	3.23	3.08	1.86	2.33	1.28	.55	4.25	25.19
August	4.80	3.21	1.83	1.27	1.72	5.34	.41	4.41	1.41	3.58	27.92
September	.82	1.95	1.43	1.86	1.81	4.10	1.35	2.27	2.18	4.32	23.09
October	1.27	4.07	4.11	4.71	3.91	.75	1.15	2.25	7.97	.66	30.85
November	2.85	1.64	1.91	5.92	.59	5.39	1.51	1.66	3.52	6.39	31.38
December	2.28	3.78	2.20	2.80	4.64	4.10	3.26	4.50	2.26	2.30	32.12
TOTALS	32.47	28.70	28.62	27.85	27.33	40.15	27.88	32.10	26.33	35.18	306.61 446

Position of Station on reduced Ordnance Survey Map, } No. of Map..... Reference No.....  
1 mile to 1 inch Series

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1941			Wickham	2 1/2 m	SW	Soberton	2 m	NE'E

Station No. 699

## RAINFALL at Sopleton (Wintringham)

51

County of Hampshire

Observer

the Secretary, Gosport W.W.  
Portsmouth & Gosport Water Co. Ltd.

River Basin. Itchen &amp; Spithead 5

Type of Gauge. H.O. (dairy) + MONTHLY

Annual Average... in. based on... years obs. un-weighted. Period of average.

31.7 in computed by Mr Cornish (1936) ref 561245/36

1916-1950 File No. 142435/31 Ref. 778-1952 P

Diameter	2277 m based on 35 yrs 1916-1950										Means Total
	5"										
Height	1' 0"					1		1' 1"			
Altitude	136'					51		136'			
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	
January	4.09	2.30	1.11	2.13	3.62	5.69	2.97	4.70	3.33	4.23	34.26
February	5.85	.73	1.54	3.38	1.62	.13	4.56	2.79	.12	3.48	24.20
March	4.98	3.09	.53	3.95	1.35	.52	2.38	1.60	2.98	1.81	23.19
April	2.96	1.88	1.60	.49	.59	1.73	.23	.79	2.82	1.03	14.12
May	2.51	2.96	2.77	2.35	4.59	.36	1.34	2.53	.33	1.22	20.94
June	1.14	1.20	2.15	3.94	3.00	2.62	1.64	3.20	.58	2.87	22.34
July	3.70	.36	5.36	3.34	.95	3.21	4.61	2.07	1.82	6.17	31.62
August	6.99	2.82	1.94	3.69	.94	3.49	2.99	4.32	3.18	4.06	34.42
September	3.99	3.59	2.93	3.15	2.10	4.36	3.75	4.80	.14	5.66	34.47
October	1.06	4.70	3.99	3.19	5.13	2.35	2.33	4.23	3.22	7.68	37.88
November	8.47	1.36	1.81	5.68	3.46	.78	3.81	2.98	4.34	6.44	42.13
December	3.13	2.61	.77	3.03	4.24	5.51	2.68	3.75	7.91	4.24	37.87
TOTALS	48.87	30.60	26.50	38.32	31.59	30.73	33.32	37.85	30.77	48.89	357.44
D	D	D	D	D	D	D	D	D	D	D	

1958-1959. Flow of fit were 40-50', 70'-100' S-S.E. Recommended new site.

Position of Station on Ordnance One-Inch map : No. of Map 191 National Grid Reference (W.L.) 596.142

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1951			Wickham	2 1/2 m	S.W.	Sopleton	2 m NE 08°

Summary of Earlier Records from 10-year Sheets :

1916-1950, P- accepted

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		C 1915 ✓	✓	✓	✓	✓