

RAINFALL at Freshwater Pumping StationCounty of Isle of Wight Observer J. DoverRiver Basin I of W 1M.O. Rain Gauge, by N.R.B.

Diameter ...										
Height	8									
Altitude ...	10									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929
January ...	4.91	1.21	2.99	5.26	4.90	2.33	5.71	1.66	4.18	1930 MEANS.
February ...	2.50	5.04	3.7	4.75	2.12	3.64	2.30	1.82	.75	
March	3.21	1.81	1.85	3.3	.31	2.57	2.70	.21	1.28	
April.....	3.12	3.45	2.71	2.83	2.76	1.54	2.44	1.04	2.40	
May	7.8	3.19	3.30	3.29	2.14	.79	1.00	2.70	2.68	
June	1.17	.43	2.18	.00	3.22	2.11	2.10	1.42	.92	
July	3.55	1.12	2.74	3.34	1.43	3.18	1.74	1.10	1.81	
August	2.48	2.17	2.72	4.61	.83	3.62	2.20	1.76	2.88	
September...	1.55	2.97	5.40	2.39	1.12	6.05	1.31	.86	2.98	
October.....	1.21	5.88	5.22	3.27	3.89	1.84	6.95	4.51	2.93	
November...	1.96	1.47	3.14	3.42	7.30	3.67	3.16	7.80	5.49	
December...	4.29	2.98	4.00	3.91	.40	4.16	2.70	6.08	3.88	
TOTALS...	30.73	31.72	36.62	37.10	30.42	35.50	34.31	30.46	32.18	

1923. Pumping House 15 ft high 1670 S.

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

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1923	50° 41'	1° 33'	Freshwater	100 yds	E	Freshwater All Saints	1/4 min	N.E.

RAINFALL at Freshwater (Pumping Station)

County of Hampshire

Observer J. Dover, Esq.

River Basin Isle of Wight I

Type of Gauge A.B.

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

Ref.

660500/26

Diameter	8										
Height	10										
Altitude	10										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means Total
January	2.14	2.60	2.17	2.74	1.80	4.86	6.20	3.62	5.00	3.96	2509
February	1.88	1.12	3.32	1.13	3.02	3.02	4.97	6.65	1.33	3.81	2225
March	1.29	1.34	3.08	3.06	1.08	2.12	3.47	1.34	1.05	2.87	1970
April	2.53	3.07	1.71	1.99	3.32	1.68	2.39	1.00	1.99	.76	1944
May	2.66	4.14	1.63	1.83	1.17	4.49	2.97	1.36	1.01	.92	1718
June	2.46	1.98	0.95	1.31	2.83	3.04	1.73	.75	1.81	.23	1609
July	3.78	6.03	1.98	1.92	1.47	3.94	2.05	1.93	3.79	3.63	2552
August	2.96	1.20	0.90	2.81	3.34	2.3	1.67	1.58	2.22	.01	1695
September	1.84	3.17	2.85	2.70	3.98	2.84	2.72	2.01	2.07	2.03	2621
October	.78	6.33	1.77	2.27	3.92	1.24	3.98	3.69	7.49	3.86	3533
November	4.28	1.98	0.66	2.86	8.20	4.54	2.66	4.58	6.22	7.61	4459
December	.82	1.30	1.11	9.03	3.40	2.45	5.66	3.03	1.41	2.20	3040
TOTALS	27.42	30.26	22.14	31.65	36.53	30.45	39.46	20.54	35.39	31.89	30875

1931. Engine shelter 25' high, 20 yds. S.

1934. Pumping station 20", " , 30 feet S.

1933 } Monthly total corrected . 0.00
1937 } 121.60Position 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
1931.			Freshwater	100 yds. E.		Freshwater	2 ml. N.E.

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. 601

RAINFALL at Freshwater (Pumping Station)

41

County of Hampshire

Observer J. Dover Esq.

River Basin Solent -

The Engineer-in-Charge (1946)

Type of Gauge M.O.

Gauge 1950

(S.H. Evans 1949)

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

.. 28.8 in computed by Lonsdale (1936) Ref 961245/36 File No. 314094/34

Diameter	8"						334	164			
Height	1' 0"						1' 3"		1		
Altitude	5'								41		
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Total 10
January	4.17	3.83	5.59	2.20	1.75	2.47	3.62	5.59	.94	1.86	31.02
February	3.24	.49	1.29	.49	1.99	2.43	1.97	1.51	1.09	4.90	19.42
March	3.60	2.84	.76	.26	.90	1.15	6.40	.17	1.64	1.45	19.47
April	.90	1.29	1.00	1.65	1.27	2.77	2.00	1.35	1.59	2.01	15.74
May	1.98	2.83	2.76	.45	1.73	3.86	1.62	2.71	1.90	1.34	20.68
June	1.15	.64	1.10	1.65	2.70	3.51	1.73	1.73	.58	1.69	16.28
July	2.52	1.86	3.21	2.73	1.81	1.52	1.23	1.25	.25	4.40	20.78
August	3.89	2.33	1.26	4.09	1.83	3.67	1.15	3.59	1.38	3.26	26.45
September	1.20	2.31	2.92	1.91	2.08	3.05	1.02	2.21	3.44	3.32	23.26
October	.88	3.53	3.69	3.27	3.31	1.18	1.33	2.06	3.42	.62	29.59
November	2.45	1.05	1.84	5.53	4.45	4.19	1.66	1.73	3.66	5.59	28.14
December	1.60	2.77	2.69	2.04	4.80	3.33	3.29	4.46	2.20	2.25	27.73
TOTALS	27.60	25.77	28.11	26.37	24.52				28.09		280.74
	27.58	25.77	27.71	26.07	24.62	32.73	27.02	28.36	28.14	32.17	
	D	D	D	D	D	D	D	D	D	D	

1941. Sewage Pumping Station 20' high 15 yards.

1946. Engine house 25' high, 25' N. Pumping house 15' high 24 ft N.

1948. gauge moved N.E. on 22.2.48. Engine H.H. 25' high 25' S. Pump. H.H. 15' high 25' N.

1941] Monthly Gales corrected. CAT
1945] 12/1/60

No average looks about 2 inches per less

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			Freshwater	100"		Freshwater	2/3 m.	
1946			Freshwater	200"	S.E.	Freshwater	1/2 mile	
1948			"	"	"	"	440 yds	S.E. N.E.

RAINFALL at Freshwater (PUMPING STATION)

County of HAMPSHIRE

Observer ~~THE ENGINEER IN CHARGE.~~

River Basin. ISLE OF WIGHT - 1

Type of Gauge N.D. Liftoister 1951

Annual Average..... in. based on..... years obs. un-weighted. Period of average..... Ref.....
 - - - 29.8 " computed by Mr. Cornish (1956) ref 561245/16 1916-1950 5
 - - - 29.60 based on 8 years obs. 1949-1956 File No. 314094/34

Diameter	8"				334	164			8"		
Height	1' 3"					1			1' 0"		
Altitude	5'					51			10'		
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means- Total 10
January	3.61	2.16	1.36	1.82	3.59	5.38	2.40	4.34	3.10	3.61	31.37
February	6.35	.70	1.13	3.37	1.76	.33	4.09	2.56	.26	2.46	23.41
March	4.14	2.89	.36	4.13	1.08	.52	2.19	1.03	2.31	2.44	21.09
April	2.20	1.97	1.66	.19	.57	1.96	.20	.48	2.13	1.23	12.59
May	2.54	2.51	2.03	2.08	3.50	.43	1.06	2.80	.72	2.10	19.77
June	1.05	1.20	1.80	2.64	3.66	2.96	1.53	3.21	.77	2.96	21.78
July	2.07	.41	3.23	3.42	.55	2.56	4.67	1.61	1.85	3.36	23.73
August	4.79	5.21	1.71	6.12	.89	4.09	2.68	3.67	1.83	4.26	35.25
September	3.41	5.29	3.25	2.66	1.86	3.85	3.59	5.58	.31	7.19	36.98
October	1.10	4.06	3.89	2.67	3.06	1.34	2.30	3.49	3.28	7.37	32.56
November	8.20	4.88	2.07	5.38	2.89	.71	3.09	3.31	4.26	6.30	41.19
December	8.16	3.27	.76	2.99	5.05	4.87	2.61	4.63	7.27	4.26	38.89
TOTALS	42.62	34.55	23.28	37.47	2846	29.00	30.41	37.11	28.21	47.53	338.61

1951 Engine house 25ft high 25ft. S. Pump house 15ft high 35ft. W.

Inspected 22-1-60 by Mr. W. H. Lehr. Since $60^{\circ}-60^{\circ}\text{NE} \rightarrow 40^{\circ}-100^{\circ}\text{E}$. Young ash 15'-20'N. The moving trolley was used to reduce overdrift.

Position of Station on Ordnance One-Inch map:

No. of Map.

National Grid Reference 52 (40) 341871

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
1951			Freshwater	200yds. S.E.	Freshwater	1/4 mi. N.E.

Summary of Earlier Records from 10-year Sheets:

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d		C 1922	✓	✓	
		✓	✓	✓	