

RAINFALL at Freshwater Pumping StationCounty of StantsObserver J. DoverRiver Basin 2 of W 1M.O. Rain Gauge, by No. 5.

Diameter ...			8						8		
Height .....			1' 0						1		
Altitude ...			10				20		10		
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...			4.91	1.21	2.99	5.26	4.90	2.33	5.71	1.66	4.18
February ...			2.50	5.04	.37	4.75	2.12	3.64	2.30	1.32	.75
March .....			3.21	1.81	1.85	.33	.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 .....			.78	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 15 yds 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	Parish Church.	Distance from gauge	Direction
1923	50° 41'	1° 33'	Freshwater	100 yds	E	Freshwater All Saints	1/4 mi	N.E.

## RAINFALL at Freshwater (Pumping Station)

County of HampshireObserver J. Dover, Esq.River Basin Isle of Wight I.Type of Gauge A. G.

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

Ref.

660500/26

Diameter	8											
Height	1	0										
Altitude	10						5'					
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Totals
January	2.14	2.60	2.17	2.74	1.80	4.86	6.20	3.62	5.00	3.96	3509	
February	1.88	.12	3.32	.13	3.02	3.02	4.97	.65	1.33	3.81	2225	
March	1.29	1.34	3.08	3.06	1.08	2.12	3.47	.34	1.05	2.87	1970	
April	2.53	3.07	<del>1.69</del> 1.71	1.99	3.32	1.68	2.39	.00	1.99	.76	1944	
May	2.66	4.14	1.63	.83	1.17	.49	<del>1.97</del> 2.97	1.36	1.01	.92	1718	
June	2.46	1.98	0.96	1.31	2.83	3.04	.73	.75	1.81	.23	1609	
July	3.78	8.02	1.98	.92	.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	4.23	1.98	0.66	2.86	8.20	4.54	2.66	4.58	6.22	7.61	4459	
December	.82	1.30	1.1	9.03	3.40	2.45	5.65	3.03	1.41	2.20	3040	
TOTALS	27.42	30.26	<del>22.14</del> 22.16	31.65	36.53	30.45	<del>39.46</del> 39.46	20.54	35.39	31.89	50875	

1931. Inquire shelter 25' high, 20 yds. S.  
1934. Pumping station 20' .., 30 feet S.1933 } Monthly totals corrected. - 600.  
1937 } 12.60Position 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 Direction from gauge	Parish Church.	Distance Direction from gauge
1931.			Freshwater	100 yds. E.	Freshwater	1/2 ml. N. E.

Station No. 601

## RAINFALL at Freshwater (Pumping Station)

41

County of Hampshire

Observer J. Dover Esq.

River Basin S.E. of Wight - 1

The Engineer in Charge (1944)

Type of Gauge M.O.

(S.H. 8 mm 1949)

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

28.8 in. computed by Mr. G. Smith (1936) File No. 314094/34

Diameter	8"						3.34	1.64			
Height	1' 0"					1' 2"		1			
Altitude	5'							41			
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Totals
January	4.17	3.83	5.59	2.20	1.75	2.47	3.62	5.59	.94	.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	1.45	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	3.36	1.62	2.71	1.90	1.34	20.68
June	1.15	.64	1.10	1.65	2.70	3.31	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	1.71	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	9.42	.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	2.73	29.91
TOTALS	27.60 27.58	25.77 25.77	28.11 27.71	26.37 26.07	24.52 24.62	32.73	27.02	28.36	28.09 28.14	32.17	280.74

1941. Sewage Pumping Station 20' high 15' dia.

1946. Engine House 25' high, 25' N. Pumping House 15' high 24' N.

1948. gauge moved N.E. on 22.2.48. Engine Hb. 25' high 25' S. Pump. Hb. 15' high 35' N.

1941 } Monthly data corrected. Cat  
1944 }  
1945 }  
1946 } 12.1.60

The average looks about 2 inches or less

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.
1941			Freshwater	100 <sup>x</sup>		Freshwater	3/8 m.	
1946			Freshwater	200 <sup>x</sup>	S.E.	Freshwater	1/2 mile	S.E.
1948			"	"	"	"	440 yds	N.E.

BRITISH RAINFALL ORGANIZATION



51

Observer ~~THE~~ ENGINEER IN CHARGE.

Type of Gauge..... M.O. Exhaust 1961

\* 28.8 " computed by Mr. Cornish (1936) Ref 561245/26. Period of av. 1916-1930  
E.H. No. 314094/34

29.60 " based on 8 years obs. 1949-1956

File No. 314094/34

1951 engine house 25ft high 25ft. s. Pump house 15ft. high 35ft. w.

Inspected 22-1-60 by Mr. ~~W. H. H. H.~~ <sup>W. H. H. H.</sup> Incs 60°-60°N-E → 40°-100°E. Young ash 15°-20°N. For moving 10 yds WNW to reduce overhills.

National Grid Reference <sup>52</sup>(40)341871

*Summary of Earlier Records from 10-year Sheets :*

(6a) Wt. 13072-389 100% 6/50 T.S. 841