

RAINFALL at Kingswinford, Ashwood Pumping StationCounty of Staffordshire Observer F. J. Dixon Esq. C.E.River Basin Sovereign Left Bank Tributaries 2.Snowdon Rain Gauge, by _____

Diameter ...											5"	
Height											10	
Altitude.....											207	
Year	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January.....							.70	1.70	2.30	2.67	7.37	12
February ...							3.70	.90	1.30	2.46	9.36	12
March							3.00	2.10	1.20	4.30	10.60	14
April .....							.90	1.40	2.30	1.94	6.54	13
May							2.40	4.10	1.90	.75	9.15	16
June							1.60	1.90	.70	1.11	5.31	13
July							2.30	2.50	2.50	2.37	9.67	17
August							1.60	5.20	2.10	2.70	11.60	16
September...							.80	1.80	7.00	1.66	11.26	13
October.....							3.40	3.00	1.20	2.41	10.01	17
November...							3.40	1.20	1.80	1.24	7.64	14
December ...							2.50	1.20	2.70	3.05	9.45	15
TOTALS ...							(2630)	(2700)	(2700)	26.66	1069.6	108

Engine House 18' 6" high 60 ft. S.W.

263 269 2660

$\frac{263}{269}$ $\frac{2660}{269}$
 not nearly the
 in W. W. S.

2918
 148
 2770

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1919	52° 29' 15" 2' 11" 50"		Brettell Lane	2 3/4 mi	E.S.E.	Holy Trinity Worksley	1 1/4 mi	E.S.E.

RAINFALL at *Knigsford (Chestnut Pumping Station)*.County of *Stafford*. Observer *J. J. Dixon, Esq. C.E.*River Basin *2 Leys - Left bank tube Engr. S. Staffs. W.W.**Throdden* Rain Gauge, by _____

Diameter ...	5											
Height	1.0											
Altitude ...	207											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Mean	
January ...	3.19	2.17	3.70	1.78	2.72	1.91	2.63	2.81	4.18	1.28	5.02	3439
February ...	1.14	.28	2.95	4.59	.52	3.30	1.73	2.35	1.99	.54	.65	2024
March	2.52	1.19	1.71	1.63	1.35	.68	.51	2.33	2.06	.14	2.51	1663
April	3.76	1.02	2.78	2.27	2.61	1.99	1.92	1.76	1.68	.65	2.11	2255
May	2.75	1.25	.90	1.51	5.03	2.65	2.98	1.18	.48	1.89	1.90	2252
June	1.83	.54	.55	.37	1.96	.06	1.23	4.26	2.55	1.97	1.13	1655
July	3.57	.52	5.06	3.45	3.83	2.53	2.66	4.44	1.04	1.85	4.20	3369
August	1.06	3.18	3.41	2.29	3.31	2.40	2.06	5.07	3.01	1.79	3.07	3065
September...	2.41	.87	2.36	1.97	3.40	3.46	1.01	4.19	.67	.90	3.51	2475
October	3.58	1.74	.41	3.75	4.03	3.78	2.30	1.68	4.36	3.99	2.82	3244
November...	.48	1.96	.86	1.76	1.73	1.45	5.29	3.52	3.23	6.55	3.10	2993
December...	2.17	1.87	3.27	3.32	2.81	2.50	.59	1.87	1.96	5.12	2.75	2823
TOTALS...	28.40	16.89	27.96	28.69	33.30	26.71	24.91	35.56	27.21	26.67	32.77	20877
	2	3	2	4	5	2	3	2	2	2	2	

1920. Engine house 18 ft. 6 in. 60 ft. 0 in. 5 ft. 0 in.

3. 1920

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
1920	52° 29' 15"	2° 11' 30"	Whitell Lane	2 1/2 m.	East.	St. Mary's Whitell	1 1/4 m.	East.

RAINFALL at Kingwinford (Oakwood P.S.)County of StaffordObserver J. J. Dixon Esq. C.E.River Basin Sewon - Left Bank - 2Type of Gauge StandardAnnual Average 24.9 in. based on 7 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref 3.

7431754/26

Diameter	5											
Height	10											
Altitude	207											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Ratio
January	1.64	2.02	1.78	2.74	.96	3.05	2.77	2.62	5.38	3.14	2610	
February	2.42	.15	3.26	.35	2.18	2.42	3.44	.49	.88	2.40	1799	
March	.12	1.53	2.45	2.01	.58	1.82	2.54	.36	1.48	1.57	1446	
April	4.08	3.06	0.97	2.18	3.12	2.03	2.27	.17	1.75	3.08	2271	
May	4.25	3.56	1.68	1.04	1.09	1.14	2.05	1.51	1.09	2.96	2237	
June	4.39	.89	2.61	1.03	3.07	3.08	.81	1.48	2.17	.86	2039	
July	3.68	3.24	1.76	2.02	.55	6.36	2.69	3.63	4.34	2.61	3100	
August	5.38	3.89	0.84	1.99	1.77	.31	1.67	3.06	1.73	.17	2081	
September	2.18	2.60	0.85	1.91	3.80	3.30	2.61	2.04	1.15	.97	2141	
October	.87	3.40	4.79	1.33	3.22	1.45	2.24	2.44	3.09	3.50	2633	
November	3.71	2.05	0.94	1.73	5.31	2.70	1.37	3.54	4.90	5.56	3181	
December	.85	.86	0.34	4.46	2.60	2.25	1.90	3.58	1.61	1.71	2016	
TOTALS	33.57	29.35	22.27	22.79	28.25	29.91	26.36	24.92	29.59	28.53	27554	

1931: Engine house 18'6" high 60' S.W.

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
1931			Buttell Lane	2 $\frac{3}{4}$ m	E.S.E.	Worleley	1 $\frac{3}{4}$ m	E.S.E.

Station No. ^{TF} 2316RAINFALL at Kingswinford (Ashwood P.S.)

41

County of StaffordObserver F. J. Dixon Esq. C.E.River Basin Severn - L. Bank - 2R. A. Robertson Esq. C.E. (1.7.44)Type of Gauge Snowdon (M.O. 1950)Annual Average 24.9 in. based on 7 years obs. ~~un~~ weighted. Period of average 1881-1915 Ref SFile No. 226645/33

Diameter	5"				438	251						
Height	1' 0"					1						
Altitude	207'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	Totals
January	3.06	2.93	4.72	2.28	1.34	2.42	1.87	3.94	1.37	5.58	2.457	
February	2.34	.87	1.43	1.51	1.72	2.05	1.16	1.74	.62	4.18	1.762	
March	2.15	1.75	.76	.40	1.06	.87	5.02	1.12	1.48	1.10	1.571	
April	1.46	1.81	.86	1.85	.94	1.81	2.11	1.99	1.78	1.89	1.650	
May	3.15	3.51	3.49	.80	2.97	2.61	2.21	1.84	2.27	1.53	2.438	
June	1.14	.76	1.42	1.35	2.84	2.69	1.47	3.12	.23	1.49	1.651	
July	2.63	1.73	1.10	2.04	1.79	1.49	4.99	1.09	2.26	2.77	2.189	
August	3.45	2.56	1.94	1.95	2.09	5.88	1.44	4.61	1.13	2.81	2.786	
September	.85	1.55	1.93	2.18	1.27	4.16	1.00	2.52	1.07	4.53	2.106	
October	2.33	2.19	1.52	3.09	2.88	.92	.44	2.24	4.79	.74	2.114	
November	2.73	1.06	1.87	4.17	.23	4.49	1.53	1.53	2.96	4.22	2.479	
December	1.52	3.24	1.10	1.75	2.73	2.81	1.99	4.16	1.37	1.96	2.263	
TOTALS	26.81	24.02	22.14	23.37	21.86	32.20	25.23	29.90	21.33	27.80	234.66	

1941 Engine House 18' 6" high 60' S.W.

1948 May be slightly faulty

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			Bretford Lane	2 3/4 m.	E.S.E.	Holy Trinity	1 3/4 m.	E.S.E.

Station No. 2316

T.E.B.

RAINFALL at Kingswinford (Ashwood R.S.)

51

County of StaffordshireObserver R. D. Robertson Esq. C.E.River Basin Leam - left Bank - 2Type of Gauge M.C. SnowdenAnnual Average 24.9 in. based on 7 years obs. un-weighted.Period of average 1881-1915 Ref. S27.03 " " 35 " " 1916-1950File No. 2316/45/33

Diameter ...	5"			4.38	2.51							
Height ...	1' 6"				1			1' 8"				
Altitude ...	207'				51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Total
January ...	2.21	2.26	.92	.92	2.20	2.65	1.03	1.65	2.90	5.37	22.31	
February ...	2.17	.48	1.25	1.98	1.45	.48	2.32	4.10	.18	2.01	16.42	
March ...	3.90	1.63	1.26	1.50	2.62	.93	2.11	.82	2.17	1.32	18.26	
April ...	1.99	1.86	2.64	.49	1.13	1.81	.08	.42	2.82	0.79	14.03	
May ...	2.96	2.30	1.72	2.79	3.91	.62	1.25	1.91	1.07	1.18	19.77	
June ...	.87	1.86	2.34	2.46	2.20	1.60	1.44	3.42	1.04	1.68	18.91	
July ...	.59	.80	3.23	3.12	.62	2.23	4.23	4.47	1.94	3.02	24.25	
August ...	3.42	3.55	2.57	4.30	.83	3.74	3.21	2.49	1.55	3.37	29.03	
September ...	3.40	1.00	2.57	1.78	1.31	2.85	4.40	3.38	.08	4.00	24.77	
October ...	.68	3.80	2.09	2.33	1.39	1.58	1.67	2.31	2.62	5.44	24.41	
November ...	6.11	2.07	1.67	4.47	2.18	.84	2.04	2.25	3.60	3.82	29.05	
December ...	2.25	2.48	1.12	1.95	1.86	2.84	1.52	2.31	4.14	2.54	23.01	
TOTALS ...	30.55	24.09	23.38	28.09	21.76	22.17	25.30	29.73	24.11	35.04	264.22	
	D	D	D	D	D	D	D	D	D	D	D	

Ref. III. 1958. 1900. Is imbedded in brick concrete block with rim 10" above ground. Total 2' x 1'.
 P.S. 37' 60" W. Hawthorn 15' 15" N. No better site available.

Position of Station on Ordnance One-Inch map :

No. of Map 130National Grid Reference SP 866878

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

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
	21919 ✓	✓	✓	✓	