

RAINFALL at Burton ReservoirCounty of Staffordshire Observer F. J. Dixon Esq C.E.River Basin Trent & B. Tributaries 4Snowdon Rain Gauge, by _____

Diameter ...											5	
Height											1 0	
Altitude.....											309	
Year	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January.....										3.18		
February ...										2.15		
March										4.21		
April										1.37		
May										1.18		
June										1.05		
July										1.91		
August										3.12		
September...										1.66		
October										2.24		
November...										1.73		
December ...										4.28		
TOTALS ...										28.08		

Water Tower 95 ft high 120 ft S.W.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1919	52° 48' 5"	1° 36' 18"	Burton	1 1/2 mi	W	St. Peter's	3/4 mi	S.W.

RAINFALL at Burton RecorderCounty of Stafford Observer J. J. Dixon, Esq. C. E.River Basin 4 - Trent L. S. Staffs. N.W.Lawdon Rain Gauge, by _____

Diameter ...	5											
Height	1.0											
Altitude ...	309											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means.	
January ...	2.95	2.20	3.44	1.32	2.47	1.78	2.67	2.09	4.93	1.25	4.03	
February ...	1.76	2.7	2.42	4.17	.43	2.81	2.43	1.70	2.30	.35	.70	
March	1.64	1.57	1.58	1.43	.97	.99	1.14	2.11	1.81	.13	2.74	
April	4.17	1.35	2.43	2.15	2.16	1.96	2.11	1.37	1.46	.69	2.30	
May	2.27	1.36	1.19	1.93	3.29	5.24	3.55	1.45	1.44	1.87	3.77	
June	2.26	.32	.72	.47	1.98	.02	2.28	4.13	2.46	1.21	1.20	
July	4.25	.48	4.71	5.45	2.64	2.59	2.53	2.82	1.17	2.51	5.47	
August	1.36	5.16	5.37	2.21	3.59	3.34	2.10	3.46	3.31	2.58	2.59	
September...	1.99	1.26	2.17	2.45	2.77	3.36	.83	3.24	.61	.65	3.57	
October	2.01	2.42	.46	2.63	3.76	3.20	2.75	1.96	3.69	3.24	2.44	
November...	.99	1.70	.93	1.65	1.63	1.65	3.84	2.84	3.15	5.46	2.80	
December...	2.62	1.79	3.94	3.33	2.46	2.13	.79	2.22	1.64	4.26	1.99	
TOTALS...	28.27	19.88	29.36	29.25	23.15	19.07	27.02	29.39	26.97	24.20	33.60	

1920. Water level 95.0. 10.0 S.W.

24. IV. 28 Inspected by Mr. Glasspool see green file

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

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1/20	52° 48' 5"	1° 36' 18"	Burton	1 1/2 miles	W.	St. Peter's, Laphrobert	1 1/2 miles	S.W.

RAINFALL at Burton ReservoirCounty of StaffordshireObserver F. J. Dixon, Esq., C.E.River Basin Trent Left Banktribs 4Type of Gauge London No. 1900Annual Average 25.1 in. based on 7 years obs. ~~un~~-weighted. Period of average 1881-1915. Ref. S.

781754/26

Diameter	5											
Height	10											
Altitude	309											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Totals
January	1.47	1.65	1.61	2.46	.82	3.48	3.01	3.04	4.38	2.90	24.72	
February	2.56	.25	3.39	.30	1.90	1.70	3.60	.61	1.20	2.98	18.49	
March	.06	1.69	2.15	1.80	.67	1.23	2.00	.25	1.49	2.00	13.34	
April	3.20	2.84	1.16	2.25	2.85	1.72	2.11	.15	1.62	1.88	19.78	
May	3.08	6.73	1.71	.83	.34	.26	2.07	1.55	1.34	.92	18.83	
June	2.94	.86	1.56	1.00	2.71	3.39	.51	1.41	.85	.90	16.13	
July	3.50	3.11	2.49	1.30	.36	3.72	2.83	3.09	4.27	2.29	26.96	
August	5.12	2.92	0.77	1.88	1.21	1.06	.53	2.14	2.62	.08	18.33	
September	1.72	2.16	1.38	1.91	3.53	2.79	1.86	3.64	.58	.43	20.00	
October	.71	3.58	3.39	1.56	3.10	1.41	1.97	2.28	2.65	3.52	24.17	
November	2.83	2.23	0.96	2.01	4.21	2.38	1.59	2.87	3.95	6.13	29.16	
December	1.09	.75	0.32	4.10	3.76	1.72	2.24	3.03	1.49	2.11	20.61	
TOTALS	25.28	28.77	20.89	21.40	25.46	24.86	24.32	24.06	26.44	26.04	250.52	

1931. Water tower 95' high 120' S.W.

1937 Water tower 95' high 850' S.W. Pumping station 20' high 45'

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	Direction from gauge
1931.			Burton	1 1/2 m	W.	Stapenhill	3 1/4 m	S.W.

Station No. T.F. 2359RAINFALL at Burton Reservoir

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County of Staffordshire

Observer

J. J. Dixon Esq. G.B.E. C.E.River Basin Trent Left Bank - 4R. A. Robertson Esq. G.E. (1744)Type of Gauge M. D. S. S. GaugeAnnual Average 25.1 in. based on 7 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. SFile No. 226645/33

Diameter	5"				101	029						
Height	1'0"					1						
Altitude	309'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	2.90	2.79	3.53	2.37	1.68	2.03	1.67	4.39	1.08	.73	23.17	
February	2.59	.88	.64	1.78	2.14	4.19	2.10	1.17	.56	4.06	20.11	
March	2.88	2.35	.83	.10	.76	.79	5.31	.87	1.64	.78	16.31	
April	1.62	1.14	.74	1.90	1.31	1.12	1.75	1.42	2.11	1.94	15.05	
May	2.11	3.73	3.16	1.01	2.19	1.57	1.52	1.57	1.97	1.15	19.98	
June	1.25	.05	1.90	1.76	3.05	2.67	1.29	2.32	.12	.96	15.37	
July	4.03	1.75	.85	2.86	2.49	1.31	2.51	1.56	2.51	1.56	21.43	
August	4.48	3.01	2.59	3.15	1.77	3.93	.60	4.17	1.69	2.51	27.90	
September	.25	1.05	1.93	2.70	2.00	3.52	1.76	2.12	1.06	3.34	19.73	
October	3.00	2.05	1.76	2.26	3.39	.95	.28	2.10	4.08	.79	20.66	
November	3.00	1.36	1.49	3.63	.26	4.42	1.88	1.33	3.03	3.59	23.99	
December	.91	2.31	.94	1.49	1.79	2.31	2.13	3.14	1.62	1.25	17.89	
TOTALS	29.02	22.47	20.36	25.01	22.83	28.81	22.80	26.16	21.47	22.66	241.59	
	D	D	D	D	D	D	D	D	D	D	D	

1941 Water Tower 85' high 850' S.W. Pumping Stn. 20' high 45' 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.
1941			Burton	1 1/2 m.	N.	Dispenhill	3/4 m.	S.W.

BRITISH RAINFALL ORGANIZATION

Station No. 2359

T. 15

RAINFALL at Burton Reservoir (Wishill P.S.)

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County of Staffordshire

Observer R.D. Robertson Esq., C.F.

River Basin Trent-Left Bank-4

Type of Gauge M.D. N.I.

Annual Average 25.1 in. based on 7 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 236645/33

Diameter ...	5"			101	089						
Height ...	11' 0"				1			1' 2"			
Altitude ...	3091			51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Totals
January ...	2.20	2.01	.98	.86	1.96	3.40	1.28	2.06	3.07	5.61	23.43
February ...	2.50	.54	1.54	2.26	2.07	.72	1.92	3.54	.26	1.78	17.13
March ...	3.65	2.12	1.11	1.85	2.60	1.36	2.07	1.55	1.79	1.58	19.58
April ...	1.56	2.11	2.46	.53	1.19	.86	.14	.61	2.34	1.06	12.86
May ...	2.66	3.06	1.94	2.42	3.10	.69	.83	1.75	.84	1.56	18.35
June ...	.84	2.49	2.67	2.43	3.04	2.93	1.42	4.28	.73	3.60	24.43
July ...	.61	.94	2.45	2.25	.76	2.41	4.33	4.46	1.79	3.22	23.22
August ...	5.82	1.36	2.56	4.86	.64	6.01	2.39	1.46	.56	3.77	28.33
September ...	1.88	1.04	2.25	1.96	1.41	1.85	5.40	2.65	.06	4.57	22.77
October ...	.72	2.82	2.13	3.41	1.81	1.22	1.27	2.41	2.33	5.42	23.54
November ...	5.20	1.36	1.64	4.44	2.19	.76	1.81	1.98	3.20	3.26	25.84
December ...	1.94	2.65	1.18	3.04	1.81	2.87	1.47	2.94	3.47	2.71	24.08
TOTALS ...	29.28 D	22.50 D	22.91 D	30.31 D	22.38 D	24.08 D	24.33 D	29.69 D	19.94 D	38.14 D	263.56

Inst. 301 1958 J.B.O.K. Seal at junction of ditch & fence. Cupress 20', 15' NE-E, Trees 25', 25' SW Ditch of 12' run NE-SW 20' from 3. N. has been chosen 50', SSE.
 Improved by W.W. 1/1/59.

Annual Average 25.75 in. based on 35 years obs. with 1917-57 ± 1 in low Period of average 1916-1950 S
 Position of Station on Ordnance One-Inch map: No. of Map 120 National Grid Reference 5K 43/264 259

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

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	e1919 ✓	✓	✓	✓	