

RAINFALL AT Dukinfield, Higher Reservoir

Lat. _____

Lon. _____

County of Cheshire

Rain Gauge, by _____

Observer F. J. Dixon Esq. C.E.

Upper Mersey - 1.

Diameter								8			
Height											
Altitude								495			
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January											
February											
March											
April											
May											
June											
July											
August											
September....											
October.....											
November....											
December											
TOTALS . .								29.07	29.24	24.71	

1897-1907 (annual totals) - 222. x 1.20. End. x 1.22

N.B. annual values rejected from Survey, 1928.

RAINFALL AT Dunkinfield, Higher Reservoir

Lat. _____

Lon. _____

County of Cheshire

Sunder Rain Gauge, by _____

Observer F. J. Dixon Esq. C.E.

upper meter - 1. weekly

Diameter ...									8		
Height									1 6		
Altitude ...									496 ft		
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...									2.46	1.64	
February ...									2.54	1.84	
March									2.13	2.58	
April									3.28	2.93	
May									2.04	1.84	
June									1.88	2.38	
July									4.34	5.70	
August									2.54	3.17	
September ..									3.67	2.62	
October ...									1.01	5.39	
November ...									2.39	1.28	
December ...									2.42	5.65	
TOTALS ...	33.46	21.98	24.54	35.20	27.63	23.19	30.85	32.97	30.70	37.02	

1908 Dunkinfield Church 1 1/2 miles
Station

No objects near

1897 to 1907 rec. (ft.) XI.20 ent. XI.22

N.B. Values quoted when Rainfall Survey
Map prepared in Nov. 1928.

RAINFALL at Dunkinfield Higher ReservoirCounty of CheshireObserver F. J. Dixon Esq. Cl.River Basin Upper Mersey 1G. R. Radduly Cl.Snarston Rain Gauge, by N 43

Diameter ...	8											
Height	1.6											
Altitude ...	495 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	3.38	1.05	2.23	2.76	2.64	4.54	2.49	2.34	1.98	3.13		Total 26.19 9.94
February ...	3.39	2.72	1.15	1.32	1.53	2.45	4.19	.64	4.43	1.07		10.33
March .....	.57	1.50	4.28	3.52	5.18	1.17	1.84	1.74	1.49	4.59		7.66
April	3.61	2.38	.96	3.71	1.38	1.23	2.28	1.48	1.13	1.75		6.64
May	3.40	1.68	2.46	2.69	2.06	1.43	2.07	2.54	2.41	1.79		8.81
June	3.63	4.14	4.30	1.98	2.48	2.27	4.22	2.57	1.76	2.07		10.62
July	4.41	.33	3.44	1.34	4.17	4.52	2.09	2.00	4.61	2.04		10.74
August	4.80	2.66	5.83	2.16	2.89	4.74	2.03	4.69	3.29	2.75		12.76
September ..	.23	3.55	1.73	1.45	2.50	.87	1.98	2.07	8.28	1.26		13.59
October ...	2.91	2.20	3.25	1.32	1.81	1.21	3.20	4.76	2.67	1.73		12.36
November ..	3.49	3.07	2.24	3.33	3.27	1.62	2.04	3.49	1.18	2.28		8.99
December ...	2.51	4.48	4.21	2.46	4.52	4.52	2.65	1.60	5.23	4.13		13.61
TOTALS ...	36.33	29.76	36.08	28.04	34.43	30.57	31.08	29.92	38.46	28.59		123.45 444
	2	3	3	2	2	2	2	2	2	3		

Totals

26.19

9.94

10.33

7.66

6.64

8.81

10.62

10.74

12.76

13.59

12.36

8.99

13.61

123.45

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RAINFALL at Dukinfield Heights ReservoirCounty of CheshireObserver G. H. Radding Esq. C.E.River Basin Upper Mersey

Water Lvs Engr. Obsn. under Engr.

Snowdon Rain Gauge, by N. G.Mr. T. B. Whitson Esq. (1929)

Diameter ...	9											
Height	1	6										
Altitude ...	495											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.	
January ...	3.05	4.37	2.10	2.05	2.42	2.43	2.48	3.08	8.95	1.58	4.35	Total 16.19 36.86
February ...	2.49	.36	3.21	3.04	.89	5.23	2.36	1.21	4.89	.90	.23	24.96
March	2.25	2.33	1.74	1.52	.99	1.53	1.02	3.36	1.33	.99	2.50	19.56
April	3.68	1.22	2.58	2.65	1.50	2.02	1.65	2.59	0.81	1.67	2.05	22.42
May	4.06	1.92	1.27	2.98	5.02	3.71	3.75	1.05	0.82	2.27	1.53	28.48
June	2.57	.41	2.27	1.07	2.66	.10	2.39	4.97	6.93	1.15	4.77	29.29
July	5.83	1.03	4.21	4.35	3.59	2.04	1.92	3.93	1.61	4.05	6.32	38.88
August	1.98	4.61	3.96	3.80	4.59	2.46	3.63	4.78	6.15	3.89	5.02	44.87
September...	2.37	.87	2.81	3.08	2.50	3.41	3.19	5.85	1.12	1.33	3.32	29.77
October	1.11	2.49	.60	3.11	4.07	3.44	2.81	2.35	3.55	4.77	4.18	32.48
November...	1.03	1.84	2.02	4.19	1.23	2.10	4.08	3.01	5.56	7.75	3.90	36.71
December...	2.25	4.05	2.96	2.78	2.91	1.97	1.60	0.57	2.20	5.71	2.49	29.39
TOTALS...	32.67	25.50	29.73	34.54	32.37	30.39	30.88	36.75	43.92	36.16	40.76	373.67
	D	D	D	D	D	D	D	D	D	D	D	488

*Open estimation**N.B. Values quoted when Rainfall Survey took place in Nov. 1928.*

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
	53° 28' 18"	2° 3' 59"	Hyde Junction	1530 yds	SW by W	St. John's	730 yds N N W

RAINFALL at Dukinfield (Higher Reservoir)

County of CheshireObserver M.T.B. Whitson, Esq. C.E.River Basin Mersey - Upper - 1

Type of Gauge.....

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

705468/26.

Diameter	8.						5					
Height	1.6.						1.0					
Altitude	495.						435.					
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Totals
January	4.58	3.39	1.99	1.88	1.74	2.27	3.36	3.99	5.06	1.84		30.16
February	3.74	.31	2.80	.27	2.87	1.84	5.78	1.18	3.73	2.04		24.56
March .....	.23	2.03	2.79	2.31	1.48	1.45	1.92	1.10	1.98	3.11		18.40
April	3.59	3.22	1.38	1.42	2.74	.86	3.16	.37	1.67	2.33		22.74
May	2.16	3.80	1.71	1.99	.52	.26	2.13	3.86	1.86	2.82		21.26
June	5.68	.40	2.85	1.76	3.09	3.10	1.86	3.73	2.98	1.05		26.50
July	3.55	5.07	2.26	3.07	1.22	4.01	3.13	4.42	6.73	5.63		37.14
August	5.88	1.62	1.37	2.07	1.21	2.13	2.20	2.74	1.77	1.71		22.70
September	4.00	3.13	1.17	2.86	4.76	4.40	1.34	2.06	1.22	3.06		28.00
October	1.60	7.05	4.18	3.88	5.13	2.96	1.61	6.83	1.64	3.50		38.38
November	4.96	2.26	1.32	1.27	3.47	3.76	1.72	4.55	6.10	6.46		35.87
December	1.36	1.38	.53	3.64	2.67	2.65	2.74	4.01	3.48	3.95		26.41
TOTALS	41.83	33.66	24.35	26.42	30.90	29.79	31.05	38.84	38.22	37.50		332.08
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.		49.6

Open Site.

1934 Inspected Sept. Rec. q. to be continued to end of 1936 & new g.
 set up on site selected below embankment.

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			Hyde Junction	1530 yds	S.W.	Dukinfield	730 yds	W.N.

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

Station No. 2744

RAINFALL at Dunthorpe (Higher Reservoir) ✓

41

County of ClevelandObserver M. T. B. Wilson Esq. C.E.River Basin Mersey Upper 1

Type of Gauge.....

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

File No. 705488/26

Diameter	5"											
Height	1'0"											
Altitude	435'											
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	1.30	3.33	5.10	5.26	3.35	4.13	2.37	8.38	1.91	2.46		Totals 37.65
February	4.20	1.53	2.42	1.86	4.06	5.99	.96	2.15	1.78	4.46		29.41
March	3.10	2.06	.92	.46	1.22	.83	5.20	1.15	1.63	1.96		18.43
April	1.71	1.76	1.73	2.86	2.50	1.57	2.87	1.24	3.61	3.08		22.93
May	1.93	3.81	1.97	3.76	4.09	1.06	1.99	1.39	3.35	1.01		24.36
June	3.04	1.13	3.38	2.73	3.91	3.05	2.47	4.82	1.08	2.81		28.42
July	2.24	3.99	1.95	3.31	1.42	5.86	3.71	2.73	1.84	3.32		30.37
August	5.37	4.38	5.42	3.43	2.68	4.15	.53	5.02	2.82	3.97		37.77
September	.55	2.22	4.39	4.70	3.12	5.32	2.13	2.26	.68	6.42		30.79
October	4.69	5.43	2.97	3.75	6.42	.59	.65	2.47	2.83	2.49		32.29
November	2.54	1.14	2.80	6.61	.57	5.64	4.75	3.34	5.21	5.82		38.42
December	2.03	3.23	1.91	2.93	2.68	3.55	3.40	3.14	5.73	2.25		31.91
TOTALS	32.70	34.13	34.96	41.66	36.02	41.74	31.03	38.09	32.37	40.06		362.75
	D	D	D	D	D	D	D	D	D	D		40.06

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. 2764 1828RAINFALL at Dukinfield (Higher Reservoir)

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County of CheshireObserver M. T. B. Whitson Esq. C.E.River Basin Mursey-Uppa-1Type of Gauge M.O.Annual Average 35.7 in. based on 15 years obs. un-weighted. Period of average 1887-1915 Ref. P.B.589File No. 70568/26E22301/58

Diameter ...	5"			559	865						
Height ...	1' 0"				1						
Altitude ...	435'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.82	3.64	1.52	3.60	2.02	4.39	2.02	2.72	3.24	4.52	
February ...	2.48	1.23	1.99	2.89	1.62	1.25	2.16	4.13	.33	1.94	
March ...	4.65	2.29	2.00	2.26	1.87	1.18	2.93	2.08	1.62	0.64	
April ...	2.34	3.41	1.95	.73	1.81	2.94	.36	1.00	2.34	1.71	
May ...	1.16	1.62	1.88	2.71	2.84	.98	1.23	2.64	.66	1.87	
June ...	1.08	2.30	3.47	2.86	2.55	3.14	1.95	4.48	2.38	1.63	
July ...	3.24	3.61	5.69	5.77	.97	5.36	3.88	4.80	2.96	4.78	
August ...	4.91	2.33	4.12	5.25	.72	9.33	4.29	5.01	.35	6.01	
September ...	2.40	2.80	1.98	4.00	1.89	2.39	5.97	3.88	.13	3.87	
October ...	.94	2.87	1.93	6.01	1.69	2.20	3.59	3.25	2.57	3.46	
November ...	6.15	1.83	3.30	4.89	1.81	1.40	1.60	1.43	3.71	5.41	
December ...	5.47	2.83	1.40	3.68	3.92	3.46	3.75	3.15	4.65	3.82	
TOTALS ...	38.64	30.76	31.23	44.65	23.61	38.02	33.73	38.57	24.94	39.16	
	D	D	D	D	D	D	np	np	np	np	

1952 gauge moved Feb 29 1952 113' E.

1957 n/a low. This record has appeared low for many years but has been accepted hitherto.

1958 n/a low.

1959 - np low

1960 np low

map indicates o/c SW 2 NW
5772

An. av. 36.84 in. based on 14 yrs. obs. 1937-50. 2 in. low. Period of average 1916-50. Ref. S. - Rejected

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference 5955972

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 - Rejected

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