

2724  
20

RAINFALL at Langley Bottoms Reservoir

County of Cheshire

Observer C. Hanson, Esq. CE  
A. J. Elsay

River Basin, Bremecy, upper - 1

Engineer Macclesfield

Snowdon Rain Gauge, by N + Z.

Diameter ...		5									
Height .....		1	0								
Altitude ...		664									
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January ...	imp	5.07	4.47	4.03	3.16	3.13	3.47	3.58	7.54	229	4.94
February ...	4.67	.68	5.73	6.58	1.23	6.01	3.21	2.38	3.56	.89	.42
March .....	2.30	3.50	2.24	1.97	'93	1.87	2.03	4.84	2.04	.69	2.53
April.....	5.94	2.00	3.43	3.29	2.18	2.50	1.82	4.04	1.10	.36	2.78
May .....	6.09	1.84	1.07	4.00	4.73	5.13	4.43	1.47	1.00	224	1.56
June .....	3.44	.82	2.42	2.03	3.07	.37	2.91	6.44	5.40	228	1.97
July .....	5.43	1.09	4.88	4.21	3.72	2.92	3.40	2.99	2.02	3.41	7.02
August .....	2.63	4.87	5.01	4.09	7.22	3.41	5.27	4.73	6.08	6.89	5.76
September...	3.58	.87	4.75	5.67	3.43	5.29	3.82	5.67	1.42	2.55	3.52
October.....	1.90	2.60	60	4.03	5.68	5.33	3.50	2.50	4.58	592	6.57
November...	.83	2.17	2.24	4.06	1.79	3.04	5.47	3.36	4.21	863	4.011
December...	2.71	4.82	5.56	5.79	3.60	2.68	1.84	1.62	2.54	691	4.11
TOTALS...	imp	30.33	4300	49.75	40.74	41.68	41.17	43.62	45.12	4356	45.22

1920+21 received IV+23 entered 71-25

IV(2) Situated on Reservoir embankment.

1930. G. read 9am.

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	Parish Church.	Distance from gauge
1922	53° 14' 30"	2° 5'	Dunstable	3 miles	NW	S <sup>t</sup> James, Sutton.	1 mile W.

## RAINFALL at Langley (Bottoms Res.)

County of Cheshire

Observer E. Harrison, Esq., C.E.

River Basin Mersey Upper

Type of Gauge

Annual Average 38.5 in. based on 5 years obs. un-weighted. Period of average 1931/1935 Ref. S

665/30/26.

Diameter	5										
Height	13										
Altitude	664										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means Totals
January	5.17	3.92	2.27	3.38	3.01	3.12	4.45	4.51	4.87	(1.86)	36.56
February	4.53	3.44	4.85	3.9	4.81	2.93	6.08	1.50	2.48	2.10	30.01
March	5.8	2.68	2.83	3.21	1.46	1.80	2.25	1.19	2.21	2.16	20.37
April	5.85	4.24	1.86	2.54	3.45	1.44	4.03	3.6	2.16	2.24	27.70
May	2.81	4.95	1.98	2.26	7.70	1.00	2.02	2.59	1.97	1.29	21.57
June	5.97	1.05	4.28	1.61	3.49	2.42	1.29	3.22	2.29	1.41	27.03
July	4.38	4.20	2.91	2.39	1.59	6.33	4.32	4.60	6.43	3.87	41.02
August	6.43	1.89	99	2.43	2.23	2.09	8.80	3.19	3.24	1.85	25.14
September	4.50	3.23	96	3.31	6.11	4.65	1.10	2.25	1.15	2.53	29.79
October	2.03	7.59	5.38	4.61	6.23	4.47	1.99	5.32	2.63	3.70	43.95
November	6.36	2.91	1.94	2.00	5.06	4.11	1.65	3.96	5.57	7.76	41.22
December	1.61	1.35	46	5.19	3.81	3.33	3.53	4.67	2.10	3.50	29.55
TOTALS	4972	38.35	30.71	33.32	41.95	37.69	33.41	37.36	37.10	34.30	373.91
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	

1940. Jan cond. for snow.

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
1931			Macclesfield	2½ m	S.W.	St James' Sutton	1 m

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

Station No. T.F. 2724

41

## RAINFALL at Langley (Bacton Rive.) ✓

County of Cheshire

Observer E. Hamson Esq. C.E.

River Basin

T. H. Dorett Esq. (1946)

Type of Gauge

Annual Average 38.5 in. based on 5 years obs. ~~unweighted~~. Period of average 1931-1935 Ref. S

File No. 665130/26

Diameter	5"	6	564	594							
Height	1' 3"	0 9		1							
Altitude	664'	659		41							662
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Total
January	1.33	3.59	4.48	5.39	3.53	3.87	2.46	8.12	2.22	2.83	37.32
February	4.32	1.77	2.53	2.06	3.31	6.48	.90	2.06	1.55	5.09	30.07
March	2.87	1.74	9.98	.58	1.48	1.40	5.91	1.44	2.18	1.92	20.50
April	2.46	1.65	1.97	2.55	2.07	2.25	3.14	1.25	3.24	3.91	24.49
May	2.42	4.25	2.74	2.19	3.02	1.65	2.67	1.56	2.64	1.11	24.25
June	2.18	1.05	3.58	3.46	2.88	4.91	2.18	5.55	1.62	3.60	31.01
July	2.25	4.86	1.42	3.97	1.52	4.50	3.97	3.15	1.65	3.15	30.44
August	5.49	2.96	3.76	3.51	2.76	5.31	.59	5.37	2.58	3.67	35.90
September	.64	2.65	4.08	3.28	2.15	4.87	2.02	2.26	1.21	5.01	28.17
October	4.70	5.29	2.72	4.54	5.46	.47	.73	2.53	3.37	2.16	31.97
November	3.00	.69	3.25	5.79	.42	5.91	3.81	2.45	4.58	5.80	35.70
December	1.81	3.74	1.81	2.71	3.22	3.83	4.17	3.30	4.47	3.66	32.72
TOTALS	33.47	34.24	33.52	40.03	31.82	45.45	32.55	39.04	31.31	41.31	362.54

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	Parish Church.	Distance from gauge.
1945			Marlowfield	2 3/4 m	SW	St James Sutton	1 m. W

Station No. 2724

51

## RAINFALL at Langley (Bottoms Res.)

County of Cheshire

Observer J. H. Dasset Esq,

River Basin Mersey - Upper - 1

Type of Gauge 36.5 Snowdon

Annual Average 32.5 in. based on 5 years obs. un-weighted. Period of average 1881-1915 Ref. S  
 " 37.52 " 35 " within 1921-57. " " 1916-50  
 File No. 1665130.726

Diameter ...	6"			564	594			5"		
Height ...	0' 9"			1		1' 0"				
Altitude ...	662'	659'		51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
January	3.52	4.30	1.99	3.22	2.87	5.49	2.01	3.96	3.22	6.35
February	4.36	2.29	1.81	3.43	2.89	1.24	2.38	5.13	.67	2.64
March	5.71	2.68	2.04	2.46	2.88	1.67	3.32	1.64	2.13	1.57
April	3.11	4.05	2.99	.83	2.42	2.37	.32	H.7	2.84	1.70
May	2.16	2.36	2.22	3.95	4.12	1.15	2.17	3.67	1.04	2.10
June	1.45	3.01	4.37	3.70	3.00	3.03	1.95	5.85	1.86	1.89
July	3.33	3.81	5.26	5.41	.78	4.75	5.82	4.02	2.93	5.91
August	6.00	1.58	3.97	5.54	.76	9.28	4.37	3.57	.77	4.00
September	2.41	3.84	2.62	4.44	2.63	3.00	7.11	4.28	.21	4.03
October	1.06	4.38	2.14	6.66	2.68	2.80	3.63	3.45	3.47	5.51
November	8.84	2.32	2.26	5.61	2.03	2.03	1.97	1.56	5.22	5.38
December	4.79	3.79	1.89	5.93	3.56	4.25	4.40	3.92	6.13	4.04
TOTALS ...	46.74	38.41	33.56	51.18	30.60	41.06	39.45	42.22	30.49	45.12
	D	D	D	D	D	D	D	D	D	D

1955. Feb. adjusted 103 b. Engineer agrees.

2.1.58 Eng. conforms gauge at 1' 0" always  
 Sep. VIII 1959 F.B.O.K. in poor condition. Site exposed near dipper end subject to  
 interference. Has site clean nearby at Filter works.

Position of Station on Ordnance One-Inch map : No. of Map 110 National Grid Reference 55 94415

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

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		Cimp. 1920 D 22-30	✓	✓	✓