

RAINFALL at Leek, (Withens, Upper Hulme)  
Withens, TynCounty of StaffordshireObserver W. E. BeachamRiver Basin Trent - Dove, S.W. E. Beacham, C.E.Rain Gauge, by BorlfordWater Engineer, Leek.

Diameter ...						5					
Height .....						1.6		1.1			
Altitude ...						1085			1084.34		
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. March.
January ...						3.10	3.68	3.87	6.81	2.71	4.35
February ...						4.85	3.45	2.66	3.44	.76	.61
March .....						1.35	1.75	4.53	2.18	.65	2.56
April .....						3.27	1.76	3.82	1.40	1.17	3.25
May .....						6.12	4.78	1.93	1.00	1.97	2.11
June .....						.19	3.14	7.16	4.75	2.85	2.75
July .....						2.49	3.50	5.40	2.27	4.30	7.42
August .....						3.78	3.59	5.07	5.57	5.02	4.85
September...						5.75	3.07	5.79	0.86	2.04	4.85
October .....						5.67	3.39	3.27	5.26	5.41	6.44
November...						2.90	5.33	4.40	6.26	7.90	4.39
December...					2.95	2.86	2.23	2.32	2.99	6.75	4.02
TOTALS...						imp M 42.83	39.67	50.22	42.79	41.53	47.60

1925. Iron fence 5' high across gauge 9' dia. } 66/437/26  
 Hedge 10' .. 21 yds. N.W.

25/11/28 Inspected by R. Gleanford see green file.

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

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1925	53° 9' 15" N	1° 58' 48" W	Leek L.M.R.	4 1/2 m.	SW	Meerbrook	1 1/2 m.	SW.

RAINFALL at Leek (Withens, Upper Hulme)County of StaffordshireObserver W. E. Bacham Esq., C.E.River Basin Trent Dove 5(1912) J. A. Gilchrist Esq.Type of Gauge Bradford No. 0.Annual Average 39.0 in. based on 20 years obs. yr.-weighted. Period of average.....Ref.....

661437/26.

Diameter	5											
Height	1	1										
Altitude	1034											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Totals
January	5.43	3.40	1.90	3.08	2.54	2.40	3.93	4.51	4.32	(2.00)	3351	
February	4.87	3.2	3.41	4.5	4.28	1.90	5.20	1.74	2.17	(2.40)	2674	
March	2.0	2.86	3.67	2.65	1.31	2.00	2.15	1.14	2.57	(2.30)	2055	
April	5.65	3.55	1.17	2.55	3.52	1.40	4.28	3.6	2.18	(2.50)	2716	
May	3.84	4.15	1.80	1.86	6.4	6.5	2.49	2.65	1.73	1.67	2148	
June	6.43	1.01	(4.00)	1.96	5.63	3.29	1.49	2.92	2.31	1.47	3051	
July	4.44	4.38	(3.50)	2.28	2.18	6.93	3.35	4.10	6.22	6.17	4355	
August	7.26	2.50	.85	2.88	1.90	2.47	1.40	2.76	1.52	1.70	2524	
September	4.90	3.43	.87	(3.00)	5.30	6.30	1.02	2.81	1.24	3.20	3209	
October	1.42	6.67	5.83	3.87	6.95	5.30	2.40	5.68	3.21	4.01	4534	
November	5.68	3.26	2.12	(2.00)	5.50 <sup>4.5*</sup>	4.85	1.30	3.93	6.37	7.73	4299	
December	2.03	1.98	.45	6.19	4.60	3.40	3.28	5.23	2.24	3.86	3325	
TOTALS	52.15	37.21	(29.57)	(32.77)	44.35 <sup>4.5*</sup>	40.89 <sup>4.5*</sup>	32.59 <sup>4.5*</sup>	37.83	36.10	(39.00)	3824	✓

1931. W. 2 fence 4'6" high 10' dia surrounding.  
 1933 June & July estimated in B.R.O. by near stations.  
 1935 \* Corrected by observer see f 661437/26 line 22.  
 1940 Jan - Apr. estd.

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.			Leek Ltn. 3.	4 1/2 m	S.W.	Amblebrook	1 1/2 m	S.W.

Station No. T.F. 2375RAINFALL at Leek (Waters Upper Hulme)

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County of Staffordshire Observer J. A. Gilchrist Esq., F.R.S.River Basin Trent-Dove-5Type of Gauge Bradford-M.O.Annual Average 39.0 in. based on 20 years obs. un-weighted. Period of average 1881 - 1915 Ref. PB 499.File No. 661437/26

Diameter	5"			102	771							
Height	1' 1"				1							
Altitude	1084'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	1.33	3.00	4.32	4.81	2.61	3.29	2.00	7.59	2.43	2.20	33.63	
February	3.62	2.12	2.41	2.57	3.78	6.39	(1.25)	1.86	1.22	4.82	30.23	
March	3.96	2.05	1.25	.57	1.78	1.09	4.91	1.21	1.92	1.33	19.99	
April	2.53	1.41	1.49	2.81	1.91	1.59	2.55	1.52	3.04	4.12	22.97	
May	2.63	4.32	3.24	2.17	3.18	1.61	2.47	1.56	2.28	1.41	24.87	
June	1.00	.95	3.41	3.22	3.90	3.35	1.43	5.62	1.32	2.04	26.24	
July	2.91	4.43	2.27	4.91	.97	4.21	2.72	3.22	2.61	2.80	31.07	
August	6.41	2.41	4.54	2.78	2.43	5.31	.61	5.48	3.23	4.25	37.45	
September	.81	2.88	4.35	4.61	1.91	6.04	1.69	2.69	1.24	5.09	31.11	
October	6.17	5.35	2.65	5.26	6.02	.71	.61	2.87	4.19	2.02	34.85	
November	3.33	.85	3.56	6.04	52	6.22	4.51	2.58	4.69	5.34	37.64	
December	2.11	3.79	2.36	2.11	3.59	4.05	4.56	3.18	4.41	2.64	32.80	
TOTALS	35.93	33.58	35.85	41.86	32.60	43.86	29.31	39.17	32.63	38.06	362.85	
	M	M	M	M	M	M	M	M	M	M		

1941. W.I. Fence 4' 6" high 6" diam. surrounds gauge.  
 5-12.47 in gauge tilted, in perfect order, not sheltered but open.  
 1947 Feb. not for snow.

20004

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			Leek L.M.S.	4 1/2 m.	S.W.	Meorbrook	1 1/2 m.	S.W.



Station No.

2375 TF 14

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RAINFALL at Leek (Wilkins, Upper Hulme)County of Staffordshire Observer J. D. Gilchrist TaylorRiver Basin Trent-Tame-5Type of Gauge Bradford-M.O.Annual Average 39.9 in. based on 26 years obs. un-weighted. Period of average 1881-1915 Ref. P.B. 499File No. 66/437/26

Diameter ...	5"			102	771						
Height ...	1' 0"				1						
Altitude ...	1084				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Total
January ...	3.53	3.34	2.04	2.95	(2.93)	5.10	2.35	3.35	2.83	5.46	33.88
February ...	3.35	1.63	1.52	2.63	1.72	1.10	2.41	6.87	.74	2.00	23.97
March ...	5.42	2.63	2.15	2.35	2.48	1.92	3.92	1.70	2.50	1.58	26.65
April ...	3.49	3.63	2.95	.75	2.23	2.08	.30	1.53	3.25	1.78	21.99
May ...	2.02	2.48	2.38	2.93	4.00	1.06	1.45	3.84	.91	1.96	23.03
June ...	2.21	3.58	3.30	4.33	2.92	2.98	2.33	6.25	1.73	2.18	31.81
July ...	2.32	3.44	5.53	6.46	1.13	4.79	5.25	5.28	2.63	5.20	42.03
August ...	6.64	2.22	3.88	5.94	1.02	10.23	5.85	3.16	.57	5.08	44.59
September ...	2.52	3.63	2.78	4.72	2.95	3.46	8.14	6.00	.18	4.59	38.97
October ...	.82	4.06	1.95	6.75	3.35	2.75	3.27	4.12	2.86	6.75	36.68
November ...	9.25	2.71	2.14	5.24	2.25	1.72	2.16	1.74	4.45	5.35	37.01
December ...	4.53	3.22	1.82	4.87	3.66	3.93	3.60	3.74	6.03	4.25	39.55
TOTALS ...	46.10	36.57	32.44	49.92	30.64	41.12	41.03	47.58	28.68	46.18	400.16
	M	M	M	M	M			M	M	M	

ins 4.55. G. hills slightly & stand 13" high. Iron railway 4'8" high topped by  
barbed wire stand 5' from G. 40004  
1955 - Jan amended. Year slightly low.

Annual Average 36.58 in. based on 15 years obs. within 1902-57 3 $\frac{1}{2}$  in. Low Period of average 1916-1950 Rejected

Position of Station on Ordnance One-Inch map: No. of Map National Grid Reference SK(43) 00620

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1956			Leek	5 miles S.	Meerbrook	1 $\frac{1}{2}$ ml. S.W.

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		C1925	✓	✓	