

# 80

## RAINFALL AT Cannock Hednesford

Scrub House.

Lat. .... Lon. .... County of Stafford  
 Rain Gauge, by ..... Observer W. Vandrey Esq. C.E.

Inst. R-3.

Diameter ....										5		
Height .....										1. -		
Altitude ....										780	770	
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....									(1.09) #	.55		
February ....									.24	2.60		
March .....									1.98	2.43		
April .....									1.74	4.20		
May .....									.44	2.66		
June .....									2.04	.87		
July .....									6.19	1.58		
August .....									3.56	2.64		
September....									1.05	1.98		
October ....									.42	4.39		
November....									4.26	.55		
December ....									2.29	1.33		
TOTALS ....									(25.21)	35.78		

St. Peter's Church Hednesford 1/2 mile S.W.

Jan 1888 rough est. 28.14.09

N.B. Annual values repeated from Survey, 1928.

# RAINFALL AT Hednesford, Scout House.

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of \_\_\_\_\_

Stafford

Rain Gauge, by \_\_\_\_\_

Observer \_\_\_\_\_

W Vandyke Esq. C.E.  
H.A. Healey Esq.

Instr. R- 3.

Diameter ....	5										
Height .....	10										
Altitude ....	770					750					
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	1.78	1.77	1.37	1.19	1.01	2.86	1.18	1.43	.99	2.67	1.625
February ....	.44	.12	.81	2.00	1.96	.02	.70	2.68	.72	1.44	1.089
March .....	1.16	.93	.34	.38	.84	1.33	2.73	2.37	.45	.81	1.154
April .....	.86	1.65	.49	.65	1.03	1.88	.52	1.88	1.55	1.77	1.228
May .....	1.95	2.27	2.01	1.90	2.31	.58	.16	1.04	2.76	2.26	1.731
June .....	1.22	3.96	4.63	1.04	2.41	.95	1.49	3.35	.96	2.26	2.227
July .....	2.22	1.99	1.99	2.43	2.40	2.06	1.26	.66	1.64	1.25	1.790
August .....	3.02	3.43	1.98	1.54	1.95	1.88	2.01	4.48	2.13	1.11	2.250
September...	.82	1.10	2.67	2.42	1.08	.38	3.55	2.34	.45	2.92	1.773
October .....	1.20	4.05	2.12	1.44	2.78	2.21	1.63	1.11	2.49	2.92	2.195
November ....	2.44	1.73	1.56	.74	2.38	2.54	1.34	1.92	1.99	1.35	1.799
December ....	.25	2.43	.70	2.71	2.19	1.30	3.08	2.23	1.82	1.90	1.861
TOTALS ....	17.36	25.43	20.67	18.44	22.34	17.99	19.85	25.49	17.95	22.76	20.828

1890 11 Peters Hednesford 1350 yards SW

# RAINFALL AT Hednesford Sewer House

Lat. ....

Lon. ....

County of Stafford

Rain Gauge, by ....

Observer H. A. Hill Esq. Cl.

Form - 3.

Diameter ..	5										
Height ....	10										
Altitude ..	750 ft										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.05	.86	.86	1.60	1.95	.63	3.23	.73	.53	.78	1.422
February ..	3.11	1.23	1.21	.86	3.92	.39	1.66	1.18	.76	.30	1.462
March ....	.53	1.10	1.06	3.35	1.35	2.55	1.71	.71	2.10	1.91	1.637
April .....	.70	1.52	1.56	1.55	1.22	1.56	1.30	1.42	2.23	.98	1.404
May .....	1.71	1.33	1.84	2.39	2.33	.30	2.37	3.40	3.20	1.36	2.023
June .....	1.66	2.63	1.86	1.24	.79	2.52	1.70	2.43	2.10	3.41	2.034
July .....	2.60	3.12	1.25	1.76	1.97	1.24	.77	3.18	1.96	2.63	2.048
August ....	3.60	2.16	4.45	4.36	2.46	4.03	1.23	2.60	3.52	1.95	3.036
September ..	.84	.65	1.95	4.26	1.75	1.19	1.16	.80	1.61	2.23	1.644
October ....	2.44	1.56	2.49	4.82	.74	1.15	4.96	5.18	2.08	2.75	2.817
November ..	2.63	1.46	2.33	2.03	2.17	2.70	2.27	2.04	1.45	.68	1.976
December ..	3.65	3.57	1.33	1.90	1.52	.70	1.78	2.29	1.61	3.56	2.191
TOTALS ..	26.52	21.19	22.19	30.12	22.17	18.96	24.14	25.96	23.15	22.54	23.696 19.5

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



RAINFALL at Hednesford Scout HouseCounty of Staffordshire Observer H. A. Hill Esq C.E.River Basin Trent Right Bank Tributaries 3 F. J. Dixon Esq C.E.Name Smeaton Rain Gauge, by \_\_\_\_\_

Diameter ...	5										
Height .....	10										
Altitude ...	750 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	1.27	.54	3.35	2.67	.98	2.05	.66	1.06	1.63	2.36	
February ...	2.66	1.10	1.26	.65	1.56	2.47	2.04	.96	.80	2.71	
March .....	.41	1.17	3.11	3.50	1.83	.74	3.17	.79	1.21	3.90	
April .....	1.72	.73	.08	3.17	.46	.74	.50	.64	1.51	1.11	
May .....	2.01	.42	2.87	1.53	.80	1.92	2.71	2.46	2.89	.96	
June .....	1.03	2.21	4.56	.82	3.24	1.04	1.54	2.27	.60	1.07	
July .....	2.98	.25	3.29	1.42	2.85	6.02	1.63	1.35	2.84	1.55	
August .....	4.21	1.12	6.14	1.26	1.81	1.62	1.82	4.17	1.53	2.67	
September ..	.40	1.17	.67	1.86	.89	.48	.66	1.31	5.81	1.59	
October ...	2.38	2.33	2.24	5.37	2.13	2.51	2.97	2.89	1.14	3.31	
November ...	3.40	2.16	1.52	2.12	3.03	2.49	2.83	.82	1.66	1.17	
December ...	5.30	5.04	2.86	.51	6.44	4.33	2.07	.83	2.86	3.08	
TOTALS ...	27.77	18.24	31.95	24.88	25.97	26.41	22.90	19.55	24.48	25.48	

1917 dwelling No 150 yds SW

N.B. Values rejected from Survey, 1928.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
52.43.	1.58.		Hednesford	1700 yds	W	St Peter's	1000 yds	SW

RAINFALL at Kednesford (Scout House) Old G. No. 1.County of Staffordshire Observer F. J. Dixon, Esq. C.E.River Basin S - Trent R. S. Staffs. W.W.Chasleron Rain Gauge, by \_\_\_\_\_

Diameter ...	5"											
Height .....	1.0											
Altitude ...	750											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	
January ...	1.82	1.86	2.44	1.08	2.33	1.60	2.22	1.70	4.26	1.42	4.64	
February ...	1.23	.16	2.32	4.76	3.1	2.48	2.22	1.99	1.85	.35	.74	
March .....	1.47	1.05	1.58	1.28	.84	.70	.55	2.87	2.09	.15	2.65	
April .....	2.88	.90	1.87	2.30	2.83	1.11	1.58	1.55	1.46	.55	2.65	
May .....	2.77	1.92	1.08	1.49	3.64	3.84	2.98	1.38	.28	1.78	2.26	
June .....	2.99	.29	.63	.25	3.16	.18	1.28	4.40	2.43	1.18	1.51	
July .....	3.72	.60	4.45	4.04	3.82	2.56	2.10	2.29	.97	1.55	5.85	
August .....	.91	2.97	4.49	1.89	2.98	3.48	1.52	3.62	3.09	2.30	3.42	
September...	1.93	1.43	2.29	2.57	3.36	3.49	.85	4.22	.72	.51	3.37	
October .....	2.59	2.22	.47	3.18	3.55	3.45	2.56	1.73	3.81	3.50	2.12	
November...	.60	1.65	.68	1.44	1.87	1.98	4.64	4.30	2.60	6.26	3.21	
December...	2.58	1.52	2.84	3.31	2.18	1.80	.46	2.52	1.92	4.43	2.52	#
TOTALS...	26.49	16.47	25.14	27.59	36.87	26.67	22.96	32.07	25.48	23.98	34.94	
	0	0	0	0	0	0	0	0	0	0	0	

1920. Dwell. House 1930. S.W.

24.9.28. Inspected by Mr. G. G. G. see green file

1930. Lalsch. N. S.

N. 13. Annual values, 1920-25, repeated from Survey 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	Direction
1920	53° 43'	1° 58'	Kednesford	1/2 m.	W.	St. Peter's	100 yds.	S.W.



RAINFALL at Hednesford Scout House New Gauge.County of Staffordshire Observer F. J. Dixon Esq. B.S.River Basin Trent, Rt. Bank Trib. 3.Snowdon Rain Gauge, by

Diameter										5	
Height										1.0	
Altitude										730	
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January										1.68	4.97
February										.40	.76
March										.16	3.04
April										.74	2.90
May										1.99	2.43
June										1.22	1.58
July										1.76	7.08 <sup>4</sup>
August										2.49	3.67
September										.60	3.57
October										3.75	2.56
November										6.59	3.77
December										4.71	2.94
TOTALS										26.09	39.23 <sup>12</sup>

1929. Cottage 18 ft. high 135 yds S.

Comparison with old gauge, file 731754/27 incl 29A.

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 Direction from gauge	Parish Church.	Distance Direction from gauge
1929			Hednesford	1645 yds W.	Hednesford	940 yds S.W.

RAINFALL at Hednesford (Scout House) new g.County of StaffordshireObserver F. J. Dixon, Esq., C.E.River Basin Trent Right Bank trib 3Type of Gauge Lytelton M.O. (1922)

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

751754/26

Diameter	5										
Height	1 0										
Altitude	702										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.97	1.90	1.88	2.42	1.27	3.63	3.93	2.31	4.03	3.24	
February	2.50	2.24	3.77	2.29	2.55	2.44	4.60	1.50	1.17	2.22	
March	1.10	1.93	3.05	2.65	1.69	1.88	2.63	1.38	1.36	2.03	
April	3.99	3.72	0.90	2.13	3.46	2.38	2.50	1.06	2.40	3.14	
May	4.02	5.94	1.42	1.71	1.89	1.81	2.80	1.32	1.55	3.17	
June	4.94	1.87	2.26	1.91	3.57	4.27	1.17	1.01	1.34	1.92	
July	3.56	3.85	2.23	2.30	1.51	5.55	2.62	2.27	5.07	3.57	
August	6.03	2.17	0.86	2.22	2.13	1.98	1.75	2.75	4.73	1.39	
September	2.14	2.44	0.94	1.97	3.32	3.35	2.88	2.69	1.07	1.84	
October	1.88	5.12	5.04	2.37	3.65	2.22	2.45	1.45	3.88	3.25	
November	3.60	2.06	1.30	2.69	5.81	3.10	1.63	2.10	4.33	7.06	
December	1.00	1.98	0.50	4.67	3.54	2.30	2.99	2.44	2.00	2.38	
TOTALS	34.73	30.97	24.15	25.33	31.39	32.91	30.95	19.28	32.96	32.21	

1931. Dwelling house 14' high 135 yds (1937) S.W.

1939 Gauge overexposed. Tuf. wall to be set up.

1940 Tuf wall round gauge from 17 April

footlock BR. § Gauge overexposed.

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.			Hednesford	1700 yds.	W.	Hednesford	1000 yds.	S.W.
1940			Hednesford	1645 yds.	W.	Hednesford	940 yds.	S.W.

Station No.

T.F. 2343

RAINFALL at Hednesford (Scout House) ✓

41

County of

Staffordshire

Observer

J. G. Dixon Esq. C.E.

River Basin

Trent - Right Bank - 3

R.A. Robertson Esq. C.E. (1744)

Type of Gauge

No. 6 (Snowdon 1950)

Annual Average 30.2 in. based on years obs. un-weighted. Period of average

Ref.

File No.

226645/33

Diameter	5"			091	532						
Height	1'0"				1						
Altitude	702'	✓			41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	4.28	3.71	4.92	3.03	2.27	2.40	2.38	5.22	1.68	1.06	
February	3.24	1.35	1.18	2.53	2.53	3.05	2.22	1.40	.67	4.83	
March	3.05	1.81	1.09	.53	1.17	1.06	6.33	1.23	2.04	.99	
April	2.07	1.35	1.43	1.93	1.62	1.57	2.03	2.35	2.73	2.30	
May	2.69	3.44	3.52	.80	4.18	2.70	2.94	2.31	2.14	1.37	
June	1.50	.72	2.13	2.21	2.52	3.04	2.07	4.88	.47	1.23	
July	4.68	2.22	1.16	2.70	2.06	1.85	3.22	2.10	2.67	2.18	
August	4.14	1.89	2.76	2.13	3.28	6.65	.97	5.66	2.03	3.31	
September	.27	1.40	3.37	3.23	1.58	4.33	1.80	2.66	1.05	4.30	
October	3.06	2.74	1.91	3.34	3.99	1.04	.61	2.59	4.96	1.01	
November	3.52	1.23	2.16	3.97	.45	5.94	2.89	1.86	3.50	4.02	
December	1.67	3.38	1.17	1.76	2.47	3.09	2.59	4.19	2.37	2.33	
TOTALS	34.17	25.24	26.80	28.16	28.12	36.72	30.05	36.45	26.31	28.93	

1941 Cottage 18' high 13 1/2 y. S.

§ Turf wall round gauge

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			Hednesford	164 1/2 y.	N.W.	Hednesford	94 1/2 y.	S.W.

BRITISH RAINFALL ORGANIZATION



Station No. 3273 <sup>T.F.</sup>RAINFALL at S Hednesford (Leant House) **51**County of StaffordshireObserver R. C. Robertson Esq. C.E.River Basin Trent Right Bank-3Type of Gauge SnowdonAnnual Average in. based on years obs. un-weighted. Period of average Ref.File No. 226645/33

Diameter ...	5"		091	53✓							
Height ...	1' 0"			1							
Altitude ...	702'			51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.43										
February ...	2.95										
March ...	4.91										
April ...	2.39										
May ...	3.79										
June ...	1.83										
July ...	1.15										
August ...	5.88										
September ...	1.89										
October ...	.93										
November ...	6.86										
December ...	2.66										
TOTALS ...	37.67 <sup>#</sup>										
	D										

1951. The record 31.44 on 2559/7 comes from area (291/1/226645/33)

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 3(43) 014(2)

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

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		21929 ✓	✓ ✓	✓ ✓ but d48	