

RAINFALL AT *Westend Moor Blacklow Cte.* No 15

Lat. Lon. County of *Derbyshire*
 S. Rain Gauge, by Observer *E. Sandemanley cl.*
Sewent - 6.

Diameter ..							5				
Height							1 0				
Altitude ..							970				
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..							6.32	2.13	3.73	3.41	
February ..							4.04	2.69	4.61	4.32	
March							4.24	4.85	4.23	5.22	
April							1.98	3.26	3.31	3.02	
May							3.68	4.47	3.34	2.72	
June							1.62	7.65	2.26	4.52	
July							3.28	3.65	5.74	6.38	
August							4.13	4.92	4.17	2.57	
September ..							1.66	.63	3.54	3.77	
October							6.28	8.45	1.60	6.85	
November ..							6.58	4.56	4.84	2.34	
December ..							4.84	4.67	2.71	10.22	
TOTALS ..	54.12	47.84	41.77	63.42	39.31	44.66	48.65	51.93	44.08	55.34	49.112

'00 - '05. Entered from P. Y. 1. XII. 1913.

RAINFALL at Westend Moor Blacklow Cste No 15 2704County of DerbyshireObserver E Sandeman Esq C.E.River Basin Trent-Donwood 6S. B. Wmsier Esq C.E.

Rain Gauge, by _____

Diameter ...	5										
Height	10										
Altitude ...	970										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.70	2.36	5.70	5.18	4.78	8.65	4.58	(3.93)	4.90	5.84	1925
February ...	5.55	6.14	1.99	1.88	3.41	7.11	7.42	1.03	6.76	2.40	1761
March	1.19	3.74	6.01	6.37	7.03	2.27	5.87	3.07	2.40	6.50	1784
April	5.88	4.45	1.96	4.47	2.46	2.24	4.95	2.47	1.90	3.70	1310
May	4.20	1.43	3.26	3.16	3.44	1.56	2.76	2.01	2.80	2.09	966
June	3.82	4.22	5.36	2.67	4.70	1.53	5.31	1.86	4.06	2.69	1392
July	5.54	.69	7.42	1.16	4.56	7.26	2.49	2.22	4.66	3.57	1294
August	6.66	2.94	9.91	2.06	3.42	3.98	(3.00)	9.30	2.80	4.66	1975
September ..	.50	3.21	3.56	3.27	3.96	.84	3.04	2.62	11.25	2.38	1979
October ...	3.31	4.49	4.71	5.68	4.02	3.72	8.53	8.38	3.73	4.65	2529
November ..	6.33	6.52	4.05	5.52	7.41	4.18	5.82	8.40	2.55	5.12	2189
December ...	8.37	8.91	7.97	4.63	8.73	9.34	4.85	3.26	9.50	10.06	2767
TOTALS ...	55.05	49.10	61.90	46.05	57.92	52.68	58.62	(45.55)	57.31	84.23	21871

1916 August { farm turned inside down. NW. 257
 1917 Jan. etc.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

RAINFALL at Westend Moor Blacklow Cote N° 15County of DerbyshireObserver L. B. Winkler Esq. C.E.River Basin Trent-Deerwent-6Deerwent Valley W.V.C. Snowden Rain Gauge, by Casella5.00
4.96
5.04

8883

monthly capacity only about 12 in. not sufficient for a monthly gauge.

Diameter ...	5"											
Height	1 0											
Altitude ...	970											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	
January ...	6.65	9.52	5.42	6.88	5.39	6.51	5.96	5.15	12.06	2.31	7.34	711.9
February ...	5.50	7.6	6.43	9.76	2.13	8.25	4.06	2.30	7.08	.88	1.38	485.3
March	3.75	4.73	3.49	2.66	1.38	2.53	3.11	7.21	3.75	1.07	3.41	370.9
April	8.53	2.71	5.57	3.62	2.66	4.02	3.05	7.20	1.97	1.92	4.17	484.2
May	8.16	2.25	1.04	6.34	6.27	4.88	4.46	1.65	1.36	3.65	3.24	433.0
June	4.90	.18	3.36	1.51	2.13	.08	4.42	6.28	5.16	1.56	4.43	340.1
July	6.79	1.77	4.84	5.45	5.45	2.54	3.35	3.36	1.82	3.68	8.91	479.1
August	2.44	6.63	8.09	5.29	6.20	4.44	4.95	5.87	6.81	4.87	6.22	618.1
September...	2.85	1.50	4.77	5.84	4.80	5.27	3.51	7.17	.61	2.06	7.13	455.1
October	2.45	2.85	1.80	5.24	6.86	6.46	5.65	5.35	7.13	7.25	7.87	589.1
November...	2.03	2.74	3.88	7.68	3.54	4.16	5.85	6.88	9.21	10.33	6.51	628.1
December...	5.08	8.92	5.48	4.79	4.82	5.88	4.04	1.94	4.09	11.66	5.07	617.7
TOTALS...	59.13	44.56	54.17	65.06	49.63	55.02	52.41	60.26	61.05	51.24	65.68	6183.1

expected 8. in grass land of valley running N.W. to S.E. slightly exposed
 19.11.22 not very much.

1930 Annual values appear satisfactory.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge

RAINFALL at Westend Moor (Blacklaw Cote) 15
15h (1934)County of Derbyshire Observer S. P. White E. F. C.
River Basin Trent Derwent 6 Derwent Valley Water Board (1933)
Type of Gauge StandardAnnual Average 51.3 in. based on 33 years obs. un-weighted. Period of average 1881-1915 Ref. S

660619/26 370241/34

Diameter	5											
Height	1	0										
Altitude	970		975				970					
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Mean	1940
January	9.80	6.67	3.88	5.22	3.32	5.09	7.55	7.51	7.47	(2.80)	6.31	
February	7.95	6.7	6.28	3.9	9.09	4.50	8.60	3.23	4.78	(3.10)	4.85	9
March	2.22	3.54	3.38	5.53	2.71	4.44	4.20	2.82	4.55	4.16	3.55	5
April	6.64	7.05	1.63	3.68	3.32	2.26	3.98	7.9	3.07	4.21	3.66	3
May	2.46	5.46	1.97	3.46	7.1	1.75	3.18	4.28	2.82	1.15	2.72	4
June	6.60	7.6	3.75	1.79	4.42	3.58	2.06	4.42	3.38	1.66	3.22	2
July	5.72	4.80	3.76	7.15	2.62	6.12	3.92	8.52	8.71	4.92	5.32	4
August	8.15	1.93	1.02	4.07	2.30	2.92	1.95	3.95	2.92	2.74	3.19	5
September	6.11	4.37	1.75	3.78	7.06	7.51	2.07	3.31	2.90	5.25	4.41	1
October	2.28	9.21	6.84	8.31	13.85	6.33	3.42	9.65	4.49	5.80	6.93	8
November	6.92	5.18	3.51	3.82	8.48	8.19	2.54	8.25	9.40	(11.20)	6.74	9
December	2.80	2.49	6.8	7.13	5.53	6.11	5.25	6.18	4.56	6.87	4.76	0
TOTALS	65.65	52.13	38.45	54.33	63.41	58.80	48.72	59.91	59.05	(53.86)	55.43	1

N.B. Inspected 4/3. "The gauge is not in a plantation & it is recommended that it should be moved forthwith to the site selected some 250 yds NW."

1934. Gauge moved according to instructions & re-numbered 157

1936 & Monthly totals corrected by observer.

1940 Jan, Feb, Nov. est.

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	Parish Church.	Distance from gauge	Direction

Station No. T.F. 2704RAINFALL at Westend Moor (Blackburn Gate)

41

County of DerbyshireObserver Derwent Valley Water Bd.River Basin Leic. - Derwent &Type of Gauge StandardAnnual Average 51.2 in. based on 28 years obs. un-weighted. Period of average 1881-1915 Ref. SFile No. 660619/26 370241/3

Diameter	5"			106	207							
Height	1' 0"				1							
Altitude	970'				4)							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	4.70	(6.00)	7.10	10.30	6.21	7.44	(4.70)	13.96	2.66	3.61	57.68	
February	7.20	(2.65)	4.80	3.33	6.32	9.52	(4.00)	4.38	2.84	8.08	53.12	
March	7.50	(3.35)	2.07	1.63	1.91	2.25	(9.20)	2.02	2.42	2.22	34.57	
April	3.52	2.26	3.22	4.00	3.03	1.87	4.11	2.96	5.08	5.24	25.30	
May	3.95	4.35	3.69	4.74	3.40	2.50	3.54	2.15	3.37	3.04	34.63	
June	2.75	1.20	3.48	3.29	5.86	5.66	2.91	7.15	1.11	2.37	35.78	
July	3.38	5.84	2.71	4.55	1.65	5.25	2.72	2.09	2.70	3.95	34.84	
August	8.09	5.26	6.53	3.90	3.42	5.41	.37	5.17	3.44	4.31	45.90	
September	.75	3.86	4.86	5.92	3.12	6.45	2.50	3.31	2.33	6.55	39.65	
October	6.91	7.76	2.91	6.28	7.97	1.59	1.66	3.68	4.72	2.98	46.46	
November	4.44	2.36	5.45	9.50	.90	10.54	6.75	2.35	9.90	8.89	61.08	
December	4.45	(5.20)	3.07	5.00	4.00	5.54	6.78	4.90	10.67	3.40	53.01	
TOTALS	57.55	(50.00)	49.89	62.44	47.79	64.02	49.24	54.12	52.24	54.64	542.02	
	M	M	M	M	M	M	M	M	M	M		

1941. Jan & Feb. cond. for show.

1942. Jan. Feb. March est. for show.

1942. Jan. Feb. Mar. Dec. est. by obs.

70014

70004

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

RAINFALL at Westend Moor (Blacklaw Gate) 15 Station No. 2704 51County of Derbyshire Observer Derwent Valley Water Bd.River Basin Trent-Derwent-6Type of Gauge Thornley SeptupodAnnual Average 51.3 in. based on 28 years obs. in weighted. Period of average 1881-1915 Ref. S
55.24 " " 35 " " 1916-1950 File No. 270241/34 P

Diameter ...	5"			106	207						
Height ...	1' 6"				1			1' 4"			
Altitude ...	970'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Total
January ...	5.66	(7.20)	2.11	5.80	3.77	1.60	4.37	5.75	5.20	8.80	56.26
February ...	6.25	2.80	(3.60)	4.55	(3.70)	1.58	4.37	7.50	.51	4.18	39.04
March ...	6.17	3.43	4.15	1.78	(3.68)	2.60	(4.56)	(3.80)	(2.75)	2.18	35.10
April ...	3.27	3.70	3.38	.72	(2.22)	2.71	.67	1.55	4.53	(3.12)	25.87
May ...	3.24	3.07	2.43	3.79	5.24	1.40	1.68	4.78	1.24	2.20	29.07
June ...	1.46	3.21	3.98	3.40	4.08	4.73	1.60	4.70	1.80	1.65	30.61
July ...	3.25	3.71	7.18	6.20	1.18	8.81	5.37	6.96	4.34	8.70	55.70
August ...	6.09	3.09	5.41	7.11	1.20	10.69	8.00	4.13	.57	4.98	51.27
September ...	3.00	7.20	2.58	5.65	1.95	4.18	9.57	5.38	.10	5.16	44.77
October87	7.00	2.70	7.75	3.67	3.39	5.21	3.60	5.09	7.98	47.26
November ...	11.62	4.54	3.43	8.42	2.78	2.80	3.21	1.54	6.95	7.95	53.24
December ...	7.04	5.28	2.68	9.48	5.74	6.54	6.30	5.27	9.37	5.98	63.68
TOTALS ...	57.92	54.23	43.63	64.65	(29.21)	57.03	54.91	54.96	42.45	62.88	531.87
	M	M	M		NR				M	M	

1956. Jan. small amt. by 1035. signed by. Feb. ed 1038. Mar. & April part ext 1038. Equival. agrees.
 np. too much est. 10004 20004 34004 10004 10004 10004 06004

Sept. VII 1953 8.80%. Slightly o'sheltered WSW-S. increasing. New site selected NGR 145 737
 about 70 higher. S. sound.

1960 from incl. SGA. gauge mounted at spot indicated.

(42)

Position of Station on Ordnance One-Inch map: No. of Map 102 National Grid Reference SK145936

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 - accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓ inc 16	✓	✓	✓	