

## RAINFALL AT Westland Moor Blacklow Col. No 15

Lat. .... Lon. .... County of Derbyshire .....

S Rain Gauge, by Observer E Sandeman Esq.

Derwent - 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 Col N°15 2704County of DerbyshireObserver E Sandemanian cl  
S.B. Wmier Eng Cl E.River Basin Trent-Derwent 6

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	4.53	(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	6.87	7.03	2.27	5.87	3.07	2.40	6.80	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	1.84	4.06	2.69	1392
July .....	5.54	.69	7.42	1.16	4.56	7.26	2.49	2.22	4.66	3.87	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	2.88	1979
October ...	3.31	4.49	4.71	5.68	4.02	3.72	8.53	8.38	3.73	4.66	2529
November ..	6.23	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	54.23	21871

1916 August 8 found turned upside down. 100' 215'  
1917 Jan. est.

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

## RAINFALL at Westend Moor Blacklow Cote N° 15.

County of Derbyshire

Observer S. B. Kinsman Esq. C.E.

River Basin Trent-Derwent-6

Dewsbury Valley W.W.

At Snoddon Rain Gauge, by Casella

8583

5.00

4.96

5.04

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	6.83	3.39	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	1.18	3.36	1.51	2.13	1.08	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	2.36	1.82	3.68	8.91	479.6
August .....	2.44	6.63	8.09	5.29	6.20	4.44	4.95	5.87	6.81	4.87	6.22	61.81
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	618.31

Reported 3. in grass land of valley running N.W. to S.E. slightly exposed  
 19.31.22  
 not very much.

g3.

1930 Annual values appear satisfactory.

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

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

RAINFALL at Westend Moor (Blacklow Col.) 15  
15 A (1931)

County of Derbyshire Observer S.P. Winter Esq., R.E.

River Basin Trent-Derwent 6 Derwent Valley Water Board (1933)

Type of Gauge Standard

Annual Average 5.13 in. based on 32 years obs. un-weighted. Period of average 1931-1935 Ref. 5

660619/26 370241/34

Diameter	5										
Height	10										
Altitude	970 975										970
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means-Totals
January	9.80	6.67	3.88	5.22	3.32	6.09	7.55	7.51	7.47	(3.80)	6031
February	7.95	6.7	6.28	3.9	9.09	4.50	8.60	3.23	4.78	(3.10)	4859
March	2.22	3.54	3.38	5.53	2.71	4.44	14.20	2.82	4.55	4.16	3355
April	6.64	4.05	1.63	3.68	3.32	2.26	3.98	7.9	3.07	4.21	3663
May	2.46	5.46	1.97	3.46	7.1	1.75	3.18	4.28	2.82	1.15	2724
June	6.60	7.76	3.75	1.79	4.42	3.58	2.06	4.22	3.38	6.46	3222
July	5.72	4.80	3.76	7.15	2.62	6.12	3.92	8.52	8.71	4.92	5324
August	8.15	1.93	1.02	4.07	2.30	2.92	1.95	3.95	2.92	2.74	3195
September	6.11	4.37	1.75	3.78	7.06	7.61	2.07	3.31	2.90	5.25	4411
October	2.28	9.21	6.84	8.31	13.85	6.33	3.42	9.65	14.49	5.80	6938
November	6.92	5.18	3.51	3.82	8.48	8.19	2.54	8.25	9.40	(11.20)	6769
December	2.80	2.49	1.68	7.13	5.53	6.11	5.25	6.18	4.56	6.87	4760
TOTALS	65.65	52.13	38.45	54.33	63.41	58.80	48.72	59.91	59.05	(3386)	5543
	M	M	M	M	M	M	M	M	M	M	M

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

1934. Gauge moved according to instructions & numbered 10.  
1936 \* Monthly totals corrected by observer.

1940 Jan, Feb, Nov, etc.

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

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

Station No. T.F. 2704

## RAINFALL at Westend Moor (Black Brook Estate) 15

41

County of Derbyshire

Observer Derwent Valley Water Bd.

River Basin Trent-Derwent 6

Type of Gauge Ammonium

Annual Average 51.3 in. based on 28 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 610619/26 37024/24

Diameter	5"			106	207							
Height	1' 0"					1						
Altitude	970'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	Total
January	4.70 (6.00)	7.10	10.30	6.21	7.44 (4.70)	13.96	2.66	3.61	67.68			
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	3.62	2.26	3.22	4.00	3.03	1.87	4.11	2.96	5.08	5.24	25.30	
May	3.85	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	3.37	5.17	3.44	4.31	45.90	
September	7.75	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	1.90	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 (50.08)	49.89	62.44	47.79	64.02	49.24	54.12	52.24	54.64	54.20		
M	M	M	M	M	M	M	M	M	M	M		

1941. Jan & Feb. cond. for snow. 1942. Jan. Feb. Mar. Dec. est. by obsr.  
1947. Jan. Feb. March est. for Jan.

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	Parish Church.	Distance from gauge

## RAINFALL at Westend Moor (Blacklow Edge) 15

Station No. 2704

51

County of Derbyshire

Observer Derwent Valley Water Bd.

River Basin Trent-Derwent-6

Type of Gauge. Standard Septant

Annual Average 51.3 in. based on 28 years obs. un-weighted. Period of average 1881-1915  
 55.24" " 35 " 1916-1950 Ref. S  
 File No. 370244/34 P

Diameter ...	5"		106	207							
Height ...	1' 6"									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	3.71	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	5.51	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	7.2	(2.22)	2.71	6.7	1.55	4.53	(3.12)	25.87
May ...	3.24	3.07	2.43	3.79	6.24	1.40	1.68	4.78	1.24	2.20	29.07
June ...	1.46	3.21	2.98	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	2.41	7.11	1.20	10.69	8.00	4.13	5.7	4.98	51.27
September ...	3.00	7.20	2.58	5.65	1.95	4.18	9.57	5.38	1.10	5.16	44.77
October ...	.87	7.00	2.70	7.75	3.67	3.39	5.21	3.60	5.09	2.98	47.26
November ...	11.62	4.54	3.43	8.42	2.78	2.80	3.21	1.54	6.95	2.95	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	(39.21)	57.03	54.91	54.96	42.45	62.88	531.87
	M	M	M	NP.					M	M	

1966. Jan. small est. by 1030ft. reduced Eng. Feb. est. 1038. Mar. & April part est. 1031ft. Eng. well agreed.  
 np. too much est. 10004 20004 34004 10004 10004 10004 10004

Sept. 1958 J.B.O.K. Slightly sheltered WSW-S. Increasing. New site selected NGR 145 937 about 70' higher. G. road.

1960 From serial 86A. Gauge re-set at spot indicated.

(43)

Position of Station on Ordnance One-Inch map : No. of Map 102 National Grid Reference SK 145 936

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - accepted

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