

RAINFALL at Broadhead Flough 4063
 County of Derbyshire 2709
 Observer S B Wincleby Esq
 River Basin Trent. Derwent 6

Rain Gauge, by _____

Diameter ...						5						
Height						10						
Altitude ...						1005						
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...						(9.16)	5.02	4.68	4.92	5.40		Totals: 16.19
February ...						7.52	10.37	1.96	7.25	2.68		20.02
March						2.02	5.97	4.10	2.35	7.22		21.26
April						2.81	4.69	2.51	1.62	2.23		19.64
May						2.06	2.94	2.34	4.07	2.26		11.05
June.....						1.62	4.58	2.00	3.10	1.65		11.55
July						6.76	3.14	2.31	4.52	4.22		11.33
August.....						4.44	2.26	8.92	2.89	4.62		14.19
September ..						.59	3.11	2.80	12.42	3.25		18.69
October ...						2.89	8.76	8.03	4.00	8.08		21.58
November..						5.36	6.23	6.93	2.56	4.60		25.87
December...						11.08	5.19	3.40	10.06	9.31		20.32
TOTALS ...						(55.81)	62.20	48.98	59.76	62.52		223.46

1915 January estimated
 1916 Feb & March record probably inaccurate due to snowdrifts over gauge

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

RAINFALL at Broadhead Clough N° 63

County of Derbyshire

Observer J. B. Wrenson Esq C.E.

River Basin Trent - Densent - 6

Densent Valley, W.L.

$$\left\{ \begin{array}{l} 5.00 \\ 5.00 \\ 4.99 \\ 5.01 \end{array} \right.$$

On Snowdon Rain Gauge, by Casella

glass reads only 5.05 in.

Scale in scale of 8. scale can be less.

Monthly

Diameter ...	5"										
Height	10										
Altitude ...	1005										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	6.94	8.91	6.53	5.76	3.61	6.59	6.83	6.60	12.73	2.37	7.76
February ...	5.18	.75	7.04	8.91	2.09	8.48	4.62	2.29	7.20	.93	1.71
March	4.35	4.65	4.95	2.91	1.57	2.79	2.93	7.28	3.93	.84	4.17
April.....	3.37	2.22	5.79	3.72	2.59	4.96	3.08	7.03	2.24	2.03	4.47
May	6.32	2.26	1.22	5.99	6.62	5.29	5.11	1.71	1.98	3.42	3.27
June	4.46	.39	2.79	1.19	2.18	.07	4.29	5.62	4.87	1.69	4.60
July	6.93	1.79	4.98	4.62	5.29	2.44	3.66	3.31	1.77	3.97	9.09
August	2.73	6.60	7.76	5.25	5.35	6.95	4.87	6.13	5.87	5.03	5.42
September...	2.31	1.39	5.13	5.66	5.02	4.82	3.44	7.24	.61	1.88	6.18
October.....	3.23	2.92	1.85	5.14	7.42	6.23	6.02	5.43	6.97	6.98	7.71
November...	2.11	2.80	3.83	8.29	4.06	4.61	5.68	7.47	9.78	10.68	6.20
December...	5.26	8.73	5.04	4.38	5.09	6.08	3.62	2.46	4.18	11.98	4.53
TOTALS...	58.19	43.41	56.91	61.82	50.89	59.31	54.15	60.87	62.18	51.80	65.11

Inspected 85.18.8.22. in grass land near bottom of valley running SW & E. excellent position.

1930 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	Parish Church.	Distance from gauge	Direction

RAINFALL at Broadhead Clough No. 63.

County of Derbyshire.

Observer S.B. Winter, Esq., C.E.

River Basin Trent-Derwent 6

Derwent Valley Water Board (1933)

Type of Gauge.

Annual Average 52.3 in. based on 14 years obs. un-weighted. Period of average 1891-1915 Ref.

660679/26 370241/34

Diameter	5											
Height	10											
Altitude	1005											1010
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	8.12	7.03	3.90	4.78	3.72	5.06	7.61	7.29	7.85	(410)		Totals
February	8.44	7.73	5.72	5.50	8.67	4.54	8.63	3.18	5.02	3.10		59.48
March	4.42	3.81	3.50	5.22	2.73	4.89	4.05	1.83	4.84	4.15		48.53
April	6.42	7.13	1.59	3.79	4.10	2.58	3.44	4.56	3.55	4.02		35.46
May	2.88	4.96	2.13	2.90	7.72	2.39	3.53	4.05	2.97	1.22		37.49
June	6.08	1.13	3.42	1.74	3.86	4.31	1.62	4.42	3.46	.99		27.75
July	5.37	4.77	5.11	3.67	2.28	4.71	3.49	4.92	8.02	3.83		31.03
August	8.14	2.19	.86	3.90	2.20	2.43	1.43	4.00	3.16	1.84		46.17
September	6.18	4.97	1.93	3.77	7.20	7.13	1.85	3.40	2.92	5.24		30.18
October	2.31	9.33	6.91	7.03	11.52	6.13	8.78	10.53	5.67	5.54		44.59
November	6.26	5.40	3.34	4.08	9.43	7.44	3.21	7.13	9.64	11.76		67.69
December	2.48	2.43	.87	6.87	5.25	6.05	11.33	5.55	4.75	6.74		45.32
TOTALS	63.4	353.88	39.28	48.25	67.68	57.68	46.97	56.86	61.67	52.54		522.24
							M	M				44

V.B. Inspected x/33. "Retain."

1940 Jan 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 from gauge	Parish Church.	Distance from gauge	Direction from gauge

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

Station No. T.F. 2709

RAINFALL at BroadBread Colunge N°63 41

County of Derbyshire Observer Derwent Valley Water Board.

River Basin Trent-Derwent - 6

Type of Gauge.....

Annual Average 50.8 in. based on 14 years obs. un-weighted. Period of average 1881-1915. Ref. S
370241/24 File No. 660619/26

Diameter	5"			106	135						
Height	10"					1					
Altitude	1005'					41	1010				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	4.80	(5.75)	6.48	10.58	6.34	7.86	4.32	12.82	3.44	4.00	Totals, 66.36
February	6.74	2.22	4.80	3.65	6.95	9.17	(4.50)	4.83	3.40	8.25	54.21
March	7.73	3.30	2.22	1.15	2.00	2.52	(9.50)	2.28	2.36	2.54	35.60
April	4.28	2.71	3.91	3.62	2.83	2.01	5.12	3.19	5.96	6.07	39.70
May	4.14	4.46	3.86	4.62	3.73	3.25	4.06	2.60	3.76	3.03	37.51
June	1.36	1.05	3.47	3.00	4.97	(5.18)	3.21	6.78	.97	2.08	32.04
July	3.50	5.68	2.59	3.93	1.20	(4.70)	2.53	2.21	3.71	3.44	33.49
August	6.81	4.91	6.31	3.83	3.62	(4.96)	.41	6.10	4.80	3.91	45.36
September	.62	3.79	4.75	5.93	2.83	6.76	2.28	2.56	2.13	7.48	38.95
October	5.77	7.67	2.76	6.26	7.79	2.36	1.53	3.61	5.66	2.82	46.23
November	5.12	2.29	4.90	9.78	1.00	11.16	7.45	2.65	10.00	8.66	63.01
December	3.70	5.51	2.90	5.60	3.85	5.75	7.83	4.93	10.84	3.95	54.86
TOTALS	84.47	49.34	48.62	61.95	47.11	65.65	52.74	54.56	66.73	56.15	54732 47.36

1941. Jan. corr'd. for snow. July add'd. by 0.04. 1942. Jan. adj. by obser.
 1946 June, July & Aug. est. agreed by M.O.S.B. 01604 30004
 40004

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

Station No. 2709

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RAINFALL at Broadhead Clough No. 63

County of Derbyshire

Observer Derwent Valley Water Bd.

River Basin Trent-Derwent-6

Type of Gauge Septaport

Annual Average 58.8 in. based on 14 years obs. 30-weighted. Period of average 1881-1915 Ref. S
 55.95 " " 35 " " 1916-1950 File No. 370244/34 P

Diameter ...	5"		106	135								Means Total cabs
Height ...	1' 0"				1'		1' 4"					
Altitude ...	1018'				51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960		
January	6.06	7.24	2.60	5.50	4.31	(8.31)	4.36	6.16	5.80	9.30	59.64	
February	6.38	(3.91)	(3.20)	5.29	4.06	2.33	4.55	8.05	1.40	(3.78)	42.01	
March	4.42	3.06	3.86	3.22	4.20	2.77	4.62	3.93	2.67	2.89	38.64	
April	3.24	3.17	4.07	.88	1.94	3.71	.50	1.87	5.85	3.41	28.64	
May	4.44	3.11	3.08	5.45	5.15	1.31	1.76	4.57	1.60	2.28	33.35	
June	1.33	2.80	4.18	3.23	4.22	4.49	1.60	5.30	2.42	(1.87)	31.44	
July	3.03	3.24	5.92	5.74	1.21	9.20	4.73	5.80	4.57	8.48	51.92	
August	6.21	3.29	5.03	8.05	1.07	9.10	8.13	3.64	.89	4.90	50.31	
September	3.54	6.88	3.00	6.40	2.14	5.60	8.12	5.64	.18	5.37	46.77	
October	1.04	8.76	2.84	7.93	4.20	3.80	6.06	3.97	5.03	9.15	52.78	
November	12.22	4.22	3.89	9.03	2.76	3.09	3.72	1.39	7.84	7.75	55.90	
December	10.10	5.31	2.65	10.00	7.77	6.96	7.57	6.41	9.65	(5.65)	72.07	
TOTALS ...	65.01	54.99	44.32	70.72	43.62	60.61	55.72	56.63	46.96	(64.83)	563.47	
	M	M	M					M	M			

1956- Jan. part not. 1953. 1958. 0'sheltered by hillside NE-SE. Rec. from 25 yds. W. Lash is scene of funnel.

1960 From early 1967 - gauge moved on 20/2/66.

1960 up too much ext.

2000 420004

(43)

Position of Station on Ordnance One-Inch map : No. of Map 102 National Grid Reference SK 169.962

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	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	c. 1915	—	—	—	—