

RAINFALL AT Kinder Scout Ashop Head

Lat. _____

Lon. _____

County of Derby

Rain Gauge, by _____

Observer E. J. Symonds Esq F.R.S.

servant - 6.

Diameter . . .										5	
Height										10	
Altitude										1650	
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January										5.25	
February										1.33	
March										1.88	
April										5.60	
May										3.36	
June										3.41	
July										2.61	
August										2.59	
September . . .									# 1.36	7.23	
October									5.12	4.45	
November . . .									3.80	3.28	
December . . .									6.93	3.29	
TOTALS										44.28	

N.B. Reported from Survey as 14" Low.

RAINFALL AT *Hayfield Ashop Head* N° 43

Lat. Lon. County of *Derbyshire*
M Rain Gauge, by Observer *E. Sandeman Esq. Cl.*

Serial - 6.

Diameter ..							5					
Height							10					
Altitude ..							1650					
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..							5.40	2.30	4.40	2.20		
February ..							3.30	2.40	4.50	3.80		
March							3.70	4.10	3.80	4.50		
April							2.50	2.60	2.40	3.00		
May							4.20	4.30	3.40	2.40		
June							2.00	8.00	1.90	4.00		
July							3.40	3.40	5.10	8.20		
August							5.40	6.00	3.90	3.90		
September ..							2.30	.90	4.80	3.80		
October							6.50	5.90	1.20	6.80		
November ..							5.40	3.80	4.13	2.00		
December ..							4.30	3.40	3.30	4.90		
TOTALS ..	48.53	40.79	37.90	53.70	36.60	41.00	48.40	47.10	42.83	49.50		

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

N.B. Rejected from survey as 12" low.

RAINFALL at Hayfield Ashp Head No. 43County of DerbyshireObserver E Sandeman Esq. Ch.
S Bulmer Esq. Ch.River Basin Trent Derwent G

Rain Gauge, by _____

Diameter ...	5										
Height	1 0										
Altitude ...	1650										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.30?	1.90	4.30	4.10	4.40	6.00	4.50	2.20	2.50	3.80	
February ...	4.00	4.70	1.50	1.40	2.40	3.10	5.20	1.10	5.70	2.50	
March	1.10	2.80	5.10	5.50	6.40	2.50	1.40	1.90	1.90	4.70	
April	5.60	3.40	1.80	3.90	2.80	2.00	4.20	1.70	1.60	2.90	
May	4.10	1.50	3.60	3.50	3.20	1.40	2.80	2.30	3.00	2.10	
June	4.40	4.60	6.10	3.60	3.00	2.10	4.20	2.30	4.60	2.50	
July	7.50	.60	6.30	1.80	5.50	5.70	3.90	1.70	5.30	4.10	
August	7.00	2.80	11.10	2.90	4.90	5.00	3.50	5.80	4.10	4.70	
September ..	.50	3.30	4.40	1.90	3.50	1.10	3.70	2.40	11.50	3.00	
October ...	3.30	3.40	4.00	3.20	2.90	2.50	6.50	6.40	3.60	3.30	
November ...	4.50	4.60	3.40	4.90	5.20	1.40	3.40	6.20	2.40	4.00	
December ...	5.60	6.70	5.90	3.10	6.00	6.10	3.50	1.80	10.50	8.50	
TOTALS...	50.90	40.30	57.50	39.80	49.70	38.90	47.20	35.80	56.70	46.10	

N.B. Affected from survey as 14" low.

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

RAINFALL at Hayfield - Ashops Head N° 43

County of Derbyshire

Observer L. B. Winstanley Esq C.E.

River Basin Trent - Derwent 6

Derwent Valley, W.

Rain Gauge, by

Monthly.

Diameter ...	8"										
Height	1	0									
Altitude ...	1650										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	4.80	7.80	4.20	6.70	3.60	4.30	4.30	4.40	10.50	2.30	4.70
February ...	5.00	7.0	6.00	6.30	1.60	5.61	4.30	2.50	6.10	1.50	7.0
March	2.90	3.70	2.70	2.30	1.00	2.19	2.38	5.50	2.00	1.70	2.30
April	7.10	1.70	3.50	3.70	2.30	2.70	1.92	5.30	1.60	2.00	2.50
May	6.50	2.10	1.40	4.50	5.60	4.50	4.80	1.80	1.10	3.50	2.50
June	4.30	5.0	3.60	2.10	3.20	0.6	3.90	7.70	6.00	1.60	3.30
July	7.90	1.80	5.70	6.60	5.20	1.70	4.50	2.20	2.90	3.90	8.50
August	2.60	6.10	6.90	6.50	6.80	3.60	5.80	5.90	6.40	6.00	7.00
September...	3.50	2.40	4.80	6.10	4.20	5.20	4.70	8.90	9.0	2.60	4.60
October	2.70	3.10	1.50	4.60	6.90	4.30	5.00	4.20	6.60	6.60	8.00
November...	1.30	2.70	3.60	4.80	3.00	3.20	4.60	5.40	8.10	8.50	5.50
December...	3.80	7.60	3.60	4.80	5.00	4.80	3.50	1.10	2.50	6.50	3.50
TOTALS...	52.40	40.20	47.50	59.00	48.40	42.16	49.70	54.90	54.70	46.70	53.10

1921. One inspection advised one to retain in present position for a short period. NOT mentioned in 1921 inspection report '21
 1920. As this gauge seems 5" low one taken 6 June 1921 suggests section of surface.
 One 32" of 660619/26 may need tarp work if it does not interfere with grouse shooting, summer 1921.

NB. Rejected from survey as 14" too low.

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 Hayfield (Ashop Head) No 43

County of DerbyshireObserver S. P. WinstanleyRiver Basin Trent-Deerwent 6Derwent Valley Water Board (1933)

Type of Gauge

Annual Average 4.6 in. based on 2 years obs. un-weighted. Period of average 1881/1915 Ref 5660619/26. 370241/34

Diameter	5										
Height	1 0										
Altitude	1650										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	8.50	6.60	3.30	4.20	4.10						
February	5.50	3.0	6.00	4.0	7.04						
March	5.0	3.10	3.30	3.20	2.82						
April	5.00	5.70	1.90	2.20	3.47						
May	3.50	4.90	2.30	3.05	4.3						
June	7.00	8.0	4.00	3.30	4.58						
July	6.50	6.40	3.80	5.45	2.80						
August	7.50	2.00	1.90	3.68	2.10						
September	6.00	4.90	1.40	3.45	7.35						
October	2.70	9.20	6.40	7.70	10.09						
November	5.70	3.90	2.80	2.50	6.32						
December	2.50	1.90	6.0	6.89	5.10						
TOTALS	60.90	49.70	37.40	46.02	56.20	#					

NB. Inspected 1/20. "a new site was selected for a new g. some 50 yds to the N of the old site, the gauge to be surrounded by a turf wall"

Inspected 1934. Small points to be rectified. Gauge only 9" above ground. Rim of turf wall 2-3" below rim of gauge. Rim of gauge slightly dented.

G. abandoned end of 1935

NB. Rejected from Survey as 4' low.

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

RAINFALL at Hayfield (Rush Head) No. 43ACounty of DerbyshireObserver Derwent Valley Water BoardRiver Basin East Derwent 6Type of Gauge Standard

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

c 1934

37024/34 66619/26

Diameter				5							
Height				1 0							
Altitude				1680			1670				
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January				5.10	5.40	(6.00)	7.37	6.57	8.90	(3.10)	
February45	9.45	4.46	9.80	2.23	4.92	(4.20)	
March				6.00	3.29	4.50	5.97	3.36	3.43	3.98	
April				2.60	4.10	2.11	5.17	.92	3.86	3.79	
May				3.95	.66	1.07	3.11	4.57	2.62	1.24	
June				3.61	4.99	3.54	2.97	5.81	3.20	1.03	
July				5.95	3.18	7.81	5.49	5.90	8.99	6.94	
August				4.74	2.25	3.71	1.16	2.74	2.36	2.45	
September				4.25	8.55	8.14	1.87	2.98	1.94	4.02	
October				9.96	12.75	8.03	2.74	8.34	4.05	5.25	
November				3.60	6.88	7.93	2.37	7.11	9.12	(8.70)	
December				7.03	5.90	7.37	4.75	6.84	4.96	7.20	
TOTALS				57.24	67.40	64.67	53.07	57.57	58.35	(52.26)	

Block g. 50° NW of 2694, surrounded by tarp wall as recommended by
Dr. Glasspool, during inspection in 8/35.

1936 Jan. estimated by surrounding stations.

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 from gauge	Parish Church	Distance from gauge	Direction from gauge

Station No. T.F. 2694/1RAINFALL at S Bishop Head N° 43A

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County of DerbyshireObserver Derwent Valley Water BoardRiver Basin Trant - Derwent 6Type of Gauge Snodden

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

File No. 37034136
660619/36

Diameter	5"			106	342						
Height	1' 0"				1						
Altitude	1070'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	(5.00)	(5.50)	7.96	12.30	7.33	7.28	4.09	12.42	4.36	4.87	
February	8.20	(3.65)	5.74	3.85	7.52	9.15	2.22	4.47	3.47	8.37	
March	6.04	4.01	1.86	2.24	2.09	2.41	7.91	1.81	3.48	3.17	
April	2.96	2.27	3.23	3.93	3.17	2.16	4.21	2.48	5.15	5.06	
May	3.29	4.83	4.07	7.13	4.12	1.87	3.89	1.82	3.54	1.75	
June	3.77	1.34	6.50	4.81	5.44	5.44	3.27	7.27	1.54	3.48	
July	3.45	8.98	3.41	5.81	2.23	7.63	3.34	3.34	2.76	5.03	
August	9.89	4.23	9.13	5.09	3.91	6.12	5.0	6.53	3.84	5.46	
September	8.1	4.18	6.65	7.81	3.86	7.96	2.28	3.47	2.65	8.46	
October	8.98	9.95	4.53	6.97	8.46	1.27	1.31	3.78	4.78	3.07	
November	4.19	1.79	6.23	10.23	9.2	9.03	8.14	3.82	8.57	8.32	
December	3.74	(4.15)	3.31	4.93	4.21	6.14	5.92	4.07	9.47	3.11	
TOTALS	60.42	(51.88)	61.68	75.10	53.26	66.46	47.08	35.28	53.60	60.15	
	M	M	M	M	M	M	M	M	M	M	

1941 Jan. cold for snow. 1942 Jan., Feb., Dec. cold by obs.
 gauge inspected - Spring 1949 - No delivery tube or collecting bottle. gauge to be repaired.
 situation good.

6000460014

S trap with round gauge

1947 Derwent Valley Water Board. worked for falling 1/16.

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

Station No. 2694/1

RAINFALL at 5 Bishop Head No. 429

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County of Derbyshire Observer Derwent Valley Water Bd.

River Basin Trent-Derwent-6

Type of Gauge Llanidloes Septapont

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

File No. 370241/34

Diameter ...	5"			106	342						
Height ...	1' 0"				1			1' 2"			
Altitude ...	670'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	8.47	5.85	4.09	5.63	4.36	8.26	3.85	6.74	4.87	7.29	
February ...	6.34	5.07	(3.80)	4.56	3.09	2.68	4.75	4.42	1.04	3.74	
March ...	8.17	3.53	4.62	4.26	4.26	2.97	4.69	3.37	2.96	1.62	
April ...	3.56	4.42	3.87	1.23	2.97	2.33	7.4	2.08	3.62	3.56	
May ...	2.11	3.37	2.86	4.43	5.47	1.68	1.84	5.08	7.4	2.57	
June ...	2.24	4.52	3.54	4.64	4.34	6.59	2.34	6.72	2.62	1.62	
July ...	5.23	4.23	8.43	11.22	.84	8.58	7.53	7.24	5.72	10.06	
August ...	7.53	3.23	6.46	8.17	.68	14.63	9.43	4.28	.76	8.17	
September ...	3.16	6.92	4.11	6.52	3.96	5.23	11.76	8.57	1.19	5.28	
October ...	1.21	6.32	2.74	10.74	4.05	4.24	6.96	5.33	5.18	6.48	
November ...	11.14	4.12	4.46	9.34	3.14	2.97	2.57	2.57	6.03	8.08	
December ...	8.05	5.43	3.16	11.26	6.92	7.83	7.92	5.17	7.93	6.43	
TOTALS ...	67.21	57.01	52.14	82.00	44.07	67.99	64.38	67.0	41.66	64.90	
	M	M	M						M	M	

Dep. III 1954 f.b. OK. by sound. Site over-exposed S-E-N. Turf wall poor to be rebuilt.
 1960 from such 26.4. This has not yet been attended to.

Turf Wall

Annual Average 58.76 in (mean 19.40 in 1934-57 3 in Low Rainfall average 1916-50)

Rejected

Position of Station on Ordnance One-Inch map: No. of Map 102 National Grid Reference SK 068907

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

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
			e1934	✓	