

RAINFALL at Weardale W.W., Hesope Reservoir

County of Durham Observer H. Robinson Esq. M.A.

River Basin Tyne - Lower 3

Snowdon Rain Gauge, by Casella 8260
Sound & correct (X. 26).
measured correct

Diameter ...										5"	
Height										1' 0"	
Altitude ...										1450?	
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEAN.
January ...										4.39	2.77 4.61
February ...										1.85	1.44 2.12
March										2.80	.21 (3.99)
April.....										1.13	1.60 3.26
May										2.02	1.44 1.66
June										5.57	1.41 1.64
July										1.48	3.27 7.78
August										4.26	3.01 5.14
September...										1.25	1.15 4.67
October.....										5.87	2.35 26.44
November...										3.93	3.22 3.89
December...										1.77	4.98 3.15
TOTALS...										35.46	26.85 (43.86).
										D D D	

Inspected P.S. q. IX. 26. S. in large wooden fence 2 feet high + quite open.
 To S & W ground is generally flat and then rises somewhat. To E ground is flat for 10 yds then down, while to N ground slopes slightly down to reservoir. Very good exposure.

To March adjusted for snow.

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

RAINFALL at Weardale W.W. (Hisehope Res.)

County of Durham

Observer H. Robinson, Esq., C.E.

River Basin Tyne - lower - 3

J.A. Richardson, Esq., C.E. (1938)

Type of Gauge.

Annual Average 34.5 in. based on 13 years obs. un-weighted. Period of average..... Ref.....

660612/26.

Diameter	5.													Measure Total
Height	1.0.													
Altitude	1450.													
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940				
January	2.79	2.41	1.86	2.56	2.27	5.18	5.10	3.79	5.88	2.19				3403
February	2.02	1.06	4.63	2.27	5.78	3.44	4.26	1.65	2.04	3.36				2851
March	2.06	2.46	1.30	5.12	1.31	3.14	4.68	.80	4.13	3.24				3124
April	3.69	2.93	1.75	5.71	3.41	1.64	2.85	.34	1.32	1.48				2512
May	3.24	4.12	3.26	2.47	.83	1.95	3.94	2.80	1.58	1.00				2519
June	4.48	1.42	2.69	3.69	2.96	3.42	1.02	2.66	2.75	.68				2577
July	3.78	4.22	1.91	3.36	.99	2.98	2.24	2.56	4.32	6.51				3287
August	4.50	1.87	1.56	3.40	1.62	1.86	2.74	4.08	5.77	.93				2833
September	2.57	2.98	2.79	2.11	5.56	3.55	2.76	1.94	2.63	1.90				2879
October	1.36	5.25	4.41	5.07	5.84	2.46	2.96	5.71	7.67	4.91				4563
November	3.00	1.31	3.57	3.09	5.67	4.23	1.58	4.13	3.98	4.51				3517
December	1.44	1.52	1.80	5.51	2.09	3.25	5.96	5.91	1.70	2.54				3172
TOTALS	34.93	31.55	31.53	42.36	38.33	37.19	43.09	36.37	43.77	33.25				37237
	D	D	D	D	D	D	D	D	D	D				

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

Station No. T.F. 3552

RAINFALL at Weardale W.W. (Hiscoe Res.)

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County of Durham

Observer J.A. Radwell Esq. C.E.

River Basin Tyne - Wear - 3

Type of Gauge.

Annual Average 34.5 in. based on 13 years obs. x 10-weighted. Period of average

Ref.

File No. 600612/26

Diameter	5"		018	178							
Height	1' 0"			1							
Altitude	1450'			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Total
January	4.09	3.47	4.56	2.10	5.36	2.58	2.77	9.38	1.00	2.56	38.27
February	6.71	2.75	1.89	2.60	2.72	1.38	(5.61)	2.14	1.93	5.63	33.36
March	3.80	2.54	1.04	.76	.73	1.78	8.78	1.41	1.30	1.03	22.67
April	1.66	1.70	2.02	1.50	2.45	1.42	5.19	2.15	1.60	2.45	22.14
May	2.11	1.83	3.69	2.02	4.76	2.57	2.23	1.77	1.08	2.59	24.65
June	.72	1.99	1.74	2.07	3.09	1.70	3.83	4.75	1.44	1.32	22.65
July	2.72	2.79	2.06	2.36	2.10	3.90	3.27	1.29	2.65	3.97	27.11
August	1.79	3.09	5.57	1.81	4.57	4.10	.20	4.22	2.67	5.53	34.05
September	.42	3.19	3.24	6.05	1.71	4.36	1.85	2.85	4.04	2.45	32.16
October	3.73	2.87	2.58	5.21	4.01	1.50	1.38	1.43	3.54	1.72	27.97
November	4.13	.95	2.27	6.41	1.27	5.80	2.96	1.70	4.83	6.03	36.35
December	.80	3.15	1.79	3.04	2.21	2.78	2.61	3.03	4.30	2.57	26.28
TOTALS	32.18	30.32	32.45	35.93	34.98	33.87	40.68	37.02	30.38	39.85	347.66

1941 Feb corred for snow

1947 Feb corrd. for snow

20004

T 20004

July 2004

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

BRITISH RAINFALL ORGANIZATION



Station No. 3552 18th Oct

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RAINFALL at Heardale Well (Hiscocks Res.)

County of Durham

Observer J. C. Redwell Esq., C.E.

River Basin Tyne Lower - 3

1/1/54 A.C. WINDSMITH Esq., C.E.

Type of Gauge Standard M.O. Mk II

Annual Average 34.5 in. based on 13 years obs. un-weighted. Period of average 1881-1915

Ref. P.B. 593

35.42 " 25 " with 1928-56 "

1916-50

File No. 66.05/2/26 E22554/55

Diameter ...	8"		018	178								Means
Height ...	1' 0"				1							11'
Altitude ...	1450'				51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960		Means
January	2.18	4.75	.52	3.06	3.40	4.44	2.87	(2.63)	3.17	6.63		33.35
February	3.28	1.25	1.93	2.84	3.41	(3.64)	2.98	(4.54)	.28	3.26		27.41
March	4.48	1.56	.09	1.95	2.20	1.33	1.42	3.86	1.11	2.95		20.45
April	2.28	1.58	2.71	.63	.48	1.29	.32	(1.59)	2.37	1.64		14.89
May	4.47	1.75	3.17	4.21	2.54	.73	1.77	3.20	.58	2.66		25.18
June	1.28	1.29	3.88	2.02	2.31	3.64	1.55	3.48	1.77	.56		21.78
July	1.90	1.66	1.73	1.56	1.10	2.83	3.77	3.05	1.09	5.91		24.60
August	5.35	3.34	4.73	7.28	1.18	9.44	3.88	3.59	.65	3.86		43.30
September	1.80	4.46	2.71	3.34	1.09	3.58	3.33	3.00	1.09	3.35		27.45
October	.71	4.45	2.26	5.02	1.88	1.60	2.17	2.15	1.99	11.84		34.07
November	2.92	3.31	2.06	5.16	2.07	.85	1.99	0.37	4.81	4.26		33.81
December	4.44	2.78	1.29	3.53	4.10	(3.37)	2.51	(4.06)	5.36	3.28		34.72
TOTALS ...	41.10	32.18	27.08	40.70	25.76	36.44	28.56	(36.02)	24.27	50.20		341.31
	D	D	D	D	D	D	D	D	D	D		10

1956. Feb part 1st M.O.3. Eng agm. Dec adj. for Sonn 20014

64014

1957 1958. Feb in year of funnel. Data coming missing. Funnel end bins con-
tinue. Overhead all directions except ESE. Feb. more 20yd. W are ter-
rible.

1958 np to next obs.

1960. gauge round. Tuf wall and 24" square fence surround. 3/4 as before

1960. np big

NZ (45) 024461

Position of Station on Ordnance One-Inch map : No. of Map 84 National Grid Reference 451-111

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

Summary of Earlier Records from 10-year Sheets :

Record D. or d	1910-19	1920-30	1931-40	1941-50	1951-60
	C 1928 V	V	✓	✓	✓