

## RAINFALL AT Derwent Dale Ridge Farm No. 13

Lat. ....

Lon. .... County of Derbyshire

Snr. Rain Gauge, by Observer E. Sanderson by ch.  
Derwent 6.

Diameter .....							5				
Height .....							1 0				
Altitude .....							1175				
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January .....							4.92	1.46	2.82	2.37	
February .....							3.08	1.96	3.51	3.21	
March .....							3.08	3.85	3.60	4.29	
April .....							1.39	3.25	3.34	2.17	
May .....							3.40	3.81	3.21	2.60	
June .....							1.86	6.59	2.23	5.64	
July .....							2.65	2.90	4.73	4.65	
August .....							3.39	4.10	3.81	2.71	
September .....							1.42	.64	3.37	3.38	
October .....							6.56	8.84	1.92	4.86	
November .....							6.80	4.19	3.59	1.57	
December .....							4.07	3.25	1.92	6.30	
TOTALS .....	5039	3937	3669	4838	3236	3568	4262	44.84	3805	4375	41213

60-65. Entered from P. Y. 1. XII. 1913.

## RAINFALL at Derwent Dale Ridge Farm No 13 2701

County of Derbyshire Observer E. Sandeman Esq. CL  
River Basin Trent-Derwent 6 S.B. University CL

Rain Gauge, by \_\_\_\_\_

Diameter ...	5									9	
Height .....	10										
Altitude ...	1175										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	M.EANS.
January ...	2.85	1.72	4.37	3.53	3.12	5.02	3.02	(3.76)	3.78	4.88	
February ...	3.10	4.18	2.01	1.04	1.90	4.72	5.21	.86	3.87	3.82	
March .....	.74	2.63	3.82	3.84	4.78	1.72	5.42	2.52	1.95	7.04	
April .....	4.25	3.14	1.03	2.55	1.71	1.60	4.31	1.37	1.60	2.71	
May .....	3.46	.94	3.43	2.63	2.84	1.73	2.49	2.35	3.62	1.99	
June .....	3.89	3.93	3.61	1.53	5.00	1.26	4.54	1.92	3.10	2.01	
July .....	4.16	.55	7.07	1.10	4.74	6.71	2.40	1.92	4.04	4.01	
August .....	5.07	2.57	7.97	1.61	2.51	3.60	1.87	8.24	2.87	4.03	
September ..	.58	2.52	2.87	3.65	3.23	.78	2.57	1.62	10.70	2.69	
October ...	2.95	3.57	3.57	6.35	4.87	3.87	5.19	6.04	2.57	5.97	
November ..	4.74	5.33	2.57	4.03	5.34	4.68	5.40	5.82	1.66	4.03	
December ...	7.77	5.92	5.06	2.24	7.52	7.94	3.84	3.16	6.18	7.12	
TOTALS ...	43.06	37.00	47.38	34.10	47.06	43.13	46.26	(39.58)	45.94	49.45	

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

## RAINFALL at Derwent Dale, Ridge Farm No. 13.

County of Derby

Observer S. B. Wanser C.E.

River Basin 6 - Derwent.

Copper M.O. Rain Gauge, by Casella 8335

Weekly  
 $\begin{cases} 8.04 \\ 8.01 \\ 8.00 \\ 8.03 \end{cases}$  m + 7. not heated  
 too far from water.

Diameter ...	8										
Height .....	1	0									
Altitude ..	1175										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	5.18	6.68	4.87	5.40	5.11	5.40	5.39				
February ...	3.65	6.0	5.15	7.40	2.69	7.52	3.73				
March .....	3.01	2.81	2.92	2.17	1.39	2.63	3.18				
April.....	6.73	2.42	5.10	3.12	2.59	3.46	2.82				
May .....	5.59	1.80	.90	5.53	6.23	4.37	3.99				
June .....	4.08	.41	2.84	1.20	1.77	.06	3.74				
July .....	5.89	1.60	4.76	4.39	4.40	2.12	3.23				
August .....	1.76	6.38	7.46	4.83	5.43	4.24					
September..	1.91	1.05	3.91	5.66	4.65	4.23					
October.....	2.74	2.32	1.95	4.37	6.47	5.95					
November...	1.27	2.27	3.06	7.46	3.31	4.35					
December...	3.93	5.77	4.02	4.77	3.56	5.97					
TOTALS...	45.74	34.11	46.34	56.09	45.60	50.30	imp.				

See 13<sup>th</sup> meat plant.

Inspected 20. VII. 21 on steep slope of hill facing S to road. Very little shelter or sun and shade. It might be moved a little nearer a wall to get slight shelter. Snow bad here.

Inspected 18. VII. 22. Plantation planted round gauge & record will be useless in few years. Suggested cheel gauge in position free from snow drifts down near road.

1926. Obs. discontinued. P. removed 9 Aug.

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 Bridge Farm 1913 A.

County of Derbyshire Observer S. D. Winstanley, Esq., C.I.

River Basin Trent Permanent 6 Downstream Valley &amp; W.

(175) - Snowdonia Rain Gauge, by \_\_\_\_\_

Rain Gauge.

Diameter ...													
Height .....													
Altitude ...													
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	MEAN.	
January ...	7.55	3.39	6.48	6.47	5.62	13.38	2.56	7.37					
February ...	8.54	2.35	8.45	3.99	2.07	8.26	.64	1.35					
March .....	2.44	1.36	2.96	3.73	6.75	3.16	.99	3.99					
April.....	3.73	2.68	4.08	2.96	7.23	1.06	1.86	4.35					
May .....	5.96	6.58	4.47	4.30	1.81	1.47	3.62	3.02					
June .....	1.53	1.96	.07	3.83	6.09	4.96	1.96	4.61					
July .....	4.82	5.00	2.30	3.54	3.27	1.86	3.69	8.98					
August .....	3.40	5.96	4.72	4.41	5.23	6.74	4.88	5.67					
September...	6.18	5.09	4.80	3.76	7.12	.66	2.09	6.74					
October.....	4.86	6.79	6.22	6.12	5.30	6.21	7.20	7.31					
November...	See gauge 13 previous sheet.		9.26	3.59	4.38	5.38	6.29	9.91	10.70	6.21			
December...			5.41	5.03	6.38	4.66	1.82	3.77	12.50	4.63			
TOTALS...			65.68	49.78	55.31	53.15	58.60	61.43	52.69	64.23			

1926. July estd.

Site approved by our Inspector in 1921. Values appear OK.

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 from gauge	Parish Church.	Distance from gauge

## RAINFALL at Derwent Dale (Ridge Farm) 13A

County of Derbyshire

Observer S. B. Williams, F.R.G.S., C.E.

River Basin Trust - Derwent 6

Derwent Valley Water Board (1933)

Type of Gauge Standard

Annual Average 5.24 in. based on 6 years obs. un-weighted. Period of average 1933-1935 Ref. S

660619/26 370241/34

Diameter	8			5								
Height	10											
Altitude	875			823								
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Totals
January	8.65	6.07	3.98	5.24	4.17	5.25	7.78	7.75	7.40	(3.83)	60.09	
February	7.85	5.52	6.00	4.40	8.98	4.43	9.15	3.36	4.83	(2.85)	48.37	
March	3.36	3.72	3.30	5.55	2.52	4.03	4.25	2.53	4.19	3.81	34.26	
April	6.72	6.07	1.77	3.45	4.74	2.24	3.83	.78	2.95	4.27	36.82	
May	2.65	5.31	2.08	3.00	6.68	1.91	3.33	4.31	2.76	1.27	27.30	
June	5.82	1.02	3.54	1.84	4.15	3.70	1.76	4.04	3.45	1.11	30.43	
July	5.37	4.86	3.55	6.89	2.51	5.43	3.80	5.00	8.71	4.76	50.88	
August	7.64	1.72	1.14	3.47	2.02	2.86	1.97	3.04	3.14	2.28	29.28	
September	5.93	4.78	1.69	3.73	7.56	7.95	2.10	3.69	2.42	5.30	45.15	
October	2.49	9.45	6.66	7.25	13.20	6.75	3.22	9.83	4.44	4.92	68.23	
November	5.96	5.24	3.39	3.54	8.35	8.11	2.16	7.81	9.36	11.58	65.50	
December	2.61	2.55	.78	6.53	5.64	6.36	4.69	6.40	4.49	6.94	46.99	
TOTALS	62.05	51.31	37.88	50.89	64.52	59.02	48.04	53.54	58.16	(52.89)	543.90	
								w	w	w	w	

Inspected X/33

N.B. "The rim of the gauge should be lowered to 1 ft. and made horizontal. The g. should be surrounded by a high wall and if necessary a fence. The g. should be retained only if there is no risk of spray from the reservoir blowing into the funnel."

1940 Jan + Feb. est.

4 Sat Aug 4/11/33

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. 2701

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RAINFALL at Derwent Dale (Ridge Farm) 130 ✓

County of Derbyshire

Observer Derwent Valley Water Bd.

River Basin Trent-Derwent-6

Type of Gauge..... snowdon.

Annual Average 52.4 in. based on 6 years obs. unweighted. Period of average 1881-1915 Ref. S

Ref.....S

File No. 660619126 370241/34

Diameter	5"			106	223					
Height	10"				1					
Altitude	883'				41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
										Means-Total
January	4.58 (5.89)	6.65	11.68	6.34	7.66	4.46	11.80	3.59	4.27	66.92
February	6.02	2.24	4.71	3.72	6.24	9.94 (4.30)	4.26	3.39	8.27	53.15
March	9.40	3.16	2.32	1.08	1.68	2.15 (9.02)	2.02	2.62	2.76	34.19
April	3.70	2.92	3.84	3.63	3.25	1.84	4.57	3.36	5.51 6.24	38.80
May	4.05	4.91	3.90	4.30	3.59	2.41	4.06	1.98	2.90 2.47	34.51
June	2.40	1.12	3.67	3.54	5.58	5.98	3.11	7.81	1.17 2.08	36.36
July	4.01	5.68	2.00	4.31	1.50	4.91	2.54	2.69	2.39 3.67	33.70
August	7.35	4.78	6.44	3.85	3.22	4.64	.45	5.66	3.11 4.08	43.48
September	.68	3.72	4.58	6.10	3.07	6.50	2.52	2.75	2.32	7.84 40.08
October	6.78	7.42	2.80	6.48	8.10	2.39	1.38	3.39	5.41 2.75	46.90
November	4.46	1.97	5.48	9.30	.90	11.10	7.08	2.63	9.73 8.64	61.29
December	4.20	5.19	3.07	4.97	3.86	5.42	6.70	4.61	11.35 4.16	53.53
TOTALS	55.63 W	49.00 W	49.42 W	62.96 W	47.33 W	64.94 W	50.11 W	52.86 W	53.49 W	57.23 W

1941. Jan 2 Feb. count for snow. Mar. sold by obs.  
1942. Jan. part est. by obs.  
1947 Feb. marsh est. snow 60004 30004

101 102 109 123

Turf with rounded grasses

*Position of Station on reduced Ordnance Survey Map,* | No. of Map..... Reference No.....  
 1 mile to 1 inch Series

RAINFALL at Derwent Dale (Ridge Farm) 13.9 Station No. 2701 51  
 County of Derbyshire Observer Derwent Valley Water Bd.  
 River Basin Trent-Derwent Type of Gauge Snowdon Septant

Annual Average 52.44 in. based on 6 years obs. un-weighted. Period of average 1881-1915 Ref. 5  
 " " 55.49 " 34 " within 1923-57 " " " 1916-1950 S  
 File No. 370244/34

Diameter ...	106223										Means
Height ...	5'	1' 0"	1	11"							Total
Altitude ...	883'										51
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	
January ...	7.35	7.02	2.63	5.76	3.73	8.60	4.65	6.38	4.65	9.14	59.91
February ...	5.88	3.18	3.57	4.48	3.60	2.24	4.10	9.69	.58	4.50	41.82
March ...	7.69	3.25	3.94	3.64	3.61	2.51	4.29	3.97	2.69	2.12	37.71
April ...	3.64	3.72	3.65	.91	2.15	2.59	.62	1.88	4.68	3.10	26.94
May ...	3.68	3.40	3.16	4.46	6.77	1.56	1.85	4.62	1.88	2.23	32.61
June ...	1.32	3.09	3.75	3.46	3.70	4.76	1.75	5.43	2.17	1.58	31.01
July ...	3.52	3.07	7.06	6.20	1.31	9.87	4.90	6.14	4.56	8.37	55.00
August ...	6.22	3.41	5.40	7.60	1.05	9.37	8.00	3.54	1.00	4.67	50.26
September ...	3.76	7.79	2.86	6.37	2.54	4.68	10.02	5.69	.14	4.60	48.45
October ...	1.21	7.62	2.62	7.81	4.10	3.66	5.69	4.03	5.64	7.22	49.60
November ...	11.00	5.11	3.58	9.57	3.01	3.34	3.46	1.49	6.48	7.40	54.44
December ...	9.00	5.55	2.67	10.38	7.10	6.91	7.89	5.78	8.90	5.99	70.17
TOTALS ...	64.27	56.21	44.89	70.64	141.67	60.09	57.22	58.64	43.37	60.92	557.92
	w	w	w	w	w	w	w	w	w	w	w

High. VIII 1958 8.0K. Slight over-shelter NW-NE where wall increase. Slightly over-caused WNW-S-ESE. Turf well fairly good but requires tidying up. No altimetric site.  
 1900 from marsh 80A. Turf wall attended to and grass cut about.

### Turf wall

(43)

Position of Station on Ordnance One-Inch map : No. of Map 102 National Grid Reference SK 161931

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
		C1923	—	—	—