

RAINFALL AT *Deseront Dale Sandy Lee* *1907*

Lat.

Lon.

County of *W. R. York Southern*

Rain Gauge, by

Observer. *E. Sandeman leg. Ch.*

Stent - Deseront 5

Diameter ..							5				
Height							1 0				
Altitude ..							1340				
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..							5.60	1.74	3.63	2.70	
February ..							3.10	2.52	3.25	3.65	
March							3.50	3.71	3.88	4.90	
April							1.31	3.68	3.32	2.70	
May							3.86	4.40	3.75	2.40	
June							1.81	7.37	2.58	4.90	
July							3.20	2.80	4.86	5.40	
August							3.80	4.48	3.76	2.60	
September ..							1.39	.70	3.70	3.60	
October							7.97	9.70	1.84	5.50	
November ..							7.00	4.41	3.55	2.20	
December ..							3.62	3.84	2.38	8.80	
TOTALS ..	52.00	41.90	41.30	57.10	36.00	40.30	46.16	49.35	40.50	48.85	45.346

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

1913. Annual Values 1900-1929 yielded from survey as 11" low.

RAINFALL at Derwent Dale Sandy Lee N.7County of W. YorkshireObserver E. Sandeman Esq. Ch.River Basin Trent - Derwent 5S. B. Innes Esq. Ch.

Rain Gauge, by _____

Diameter ...	5										
Height	1.0										
Altitude ...	1840										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.70	2.00	4.90	4.84	3.40	6.39	3.96	1.97	5.88	4.60	
February ...	4.50	5.42	2.94	1.72	2.67	5.34	6.18	.81	5.72	4.55	
March	1.00	2.79	4.80	5.40	5.50	1.71	5.36	2.91	2.16	5.10	
April	4.30	3.40	1.12	3.68	1.75	1.73	3.45	1.96	1.55	2.81	
May	3.90	1.01	3.65	2.75	2.42	1.78	2.55	2.28	3.89	2.60	
June	3.00	3.90	4.05	2.15	4.61	1.67	3.83	1.84	2.55	1.50	
July	4.35	.41	7.10	1.29	3.23	6.35	2.95	1.80	2.95	5.66	
August	6.10	3.06	8.00	1.38	3.10	3.86	1.94	8.81	2.58	4.25	
September ..	.42	2.57	4.00	3.65	2.75	.73	2.60	1.81	11.10	3.60	
October ...	3.40	3.90	4.28	6.01	4.25	3.36	7.41	6.65	3.67	5.20	
November ..	4.80	6.07	2.97	4.80	6.95	4.52	5.80	6.20	2.10	4.30	
December ...	8.20	7.55	6.50	3.08	8.41	9.37	4.51	3.10	7.10	8.40	
TOTALS ...	46.67	42.08	54.34	40.75	49.04	46.81	50.54	40.14	49.25	48.27	

N.B. Annual values 1900-1929 repeated from survey as in "low".

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

RAINFALL at Derwent Dale Sandy Lee No. 7.County of N. B. YorkshireObserver S. B. Hinson Esq. C.E.River Basin Trent - Derwent 5Derwent Valley Water Bd.4.90
5.10
5.00
5.01Culverston Rain Gauge, by Casella
8263Monthly. broken down into 12 months. Glass 43 only.

Diameter ...	5"										
Height	1 0	1 2								1 0	
Altitude ...	1340										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	10 1/2 MEANS
January ...	6.10	7.21	5.43	4.40	3.12	4.80	5.63	3.27	9.87	3.36	6.10
February ...	4.30	5.5	5.39	8.13	1.75	6.54	3.64	1.95	5.58	1.61	1.67
March	3.20	3.90	3.55	2.54	1.10	1.93	1.65	5.31	3.56	7.4	4.15
April	7.85	2.50	5.16	3.19	2.43	3.54	3.38	5.68	2.20	1.83	4.20
May	5.60	2.10	1.15	4.96	5.75	4.70	4.30	1.52	2.11	3.20	3.19
June	4.60	2.4	2.35	1.10	1.95	1.0	3.82	4.77	4.54	1.46	4.50
July	6.10	1.26	4.95	4.37	5.30	1.85	3.43	3.20	1.56	3.78	8.92
August	2.25	6.23	7.52	5.40	4.89	4.82	4.30	5.82	5.60	4.25	5.10
September...	2.50	1.50	4.65	4.83	4.84	4.70	2.82	6.70	0.56	1.60	6.15
October	2.95	3.15	(1.50)	4.19	6.63	5.76	5.40	4.83	6.89	5.65	6.10
November...	1.82	2.84	2.98	6.25	3.60	4.31	5.28	6.37	7.50	9.50	5.55
December...	4.95	6.64	4.40	4.51	4.47	4.60	3.50	3.72	3.76	9.96	4.30
TOTALS...	52.22	38.12	(48.93)	53.87	45.83	47.65	47.15	53.14	53.13	45.94	59.93

Installed 7.5.18.7.21 S. west summit of grass land. Slightly overexposed. Suggested halfwall.

1922: Oct. etc. last ing mended Sept. 1922.

Note. Half wall erected Jan 1920. Gauge installed June 1923. as recommended 18/7/23.

N.B. Annual values 1920-1929 reported from Survey as 4.40. also 1923-1929 after half wall was erected, low by a similar amount.

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 Derwent Dale (Sandy Lee) No. 7.County of West RidingObserver S. B. Winsor, Esq., C.E.River Basin Trent-Derwent-s.Derwent Valley Water Board (1933)

Type of Gauge.....

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

660619/26

Diameter	5.										
Height	1.0.										
Altitude	1340.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	6.15	5.85	3.30	3.97	3.20						
February	5.56	.72	6.00	.29	7.45						
March	1.50	2.87	3.22	4.43	2.53						
April	6.24	5.86	1.48	3.58	3.80						
May	3.31	6.15	2.25	2.43	.56						
June	6.18	1.02	3.40	1.73	3.65						
July	5.37	4.93	3.44	3.20	2.03						
August	3.22	2.23	0.82	3.20	2.00						
September	6.57	3.44	2.34	3.75	6.25						
October	1.82	6.82	6.73	5.46	10.30						
November	6.57	4.45	3.54	3.87	8.95						
December	1.68	2.10	0.63	6.35	4.76						
TOTALS	59.17	46.44	37.18	42.26	55.48	#					

N.B. Inspected 4/33. "A monthly g. should be set up 43 yards E of the old site, with a long cross and a larger fence than at 7."

1935. Gauge abandoned at end of 1935

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 *Descent Dale (Sandy Lee)* No. 7ACounty of *West Riding*Observer *Descent Valley Water Board*River Basin *Leat Descent S.*

Type of Gauge

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

51924											
660619/26											
Diameter				5							
Height				10							
Altitude				1340			1320				
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January				4.86	3.87	5.30	7.80	7.93	2.50	(4.10)	
February				.46	9.52	5.00	9.20	3.25	4.60	(3.40)	
March				5.47	2.85	5.54	5.00	1.90	4.84	4.60	
April				3.88	4.25	2.69	3.45	.57	3.22	4.05	
May				3.79	.74	2.30	3.82	4.00	2.90	1.43	
June				1.87	3.96	5.03	1.62	4.31	3.78	.94	
July				3.30	2.48	5.26	3.55	5.34	8.61	3.97	
August				3.41	2.12	2.53	1.70	3.65	3.47	1.75	
September				3.95	7.11	7.03	1.85	3.60	3.09	4.91	
October				6.37	12.75	6.23	4.40	10.55	5.68	5.70	
November				4.15	9.47	7.73	2.95	7.10	9.50	11.63	
December				6.87	5.96	6.92	4.94	5.50	4.20	5.78	
TOTALS				48.38	65.08	61.66	50.28	57.70	61.11	(52.26)	

Monthly g. 4.37 E of 31.0 as recommended during inspection by Dr. H. G. G. in 4/33.

1940. Jan. Feb. etc. by 1941.

Temp. will set up 21.11.33

* The Council has supplied a value of 46.0 in. for the station average but this is not considered satisfactory for inclusion in British Rainfall.

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. 3110.1

RAINFALL at Damant Dale (Sandy Lea) Check gauge No. 79 41County of West Riding Observer Damant Valley W. Rd.River Basin Trent - Damant 5.

Type of Gauge.....

Annual Average ^{*} in. based on years obs. un-weighted. Period of average Ref.

1899-1934

File No. 66.0.19.26

Diameter	5			106	148						
Height	10				1						
Altitude	1320				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	(5.25)	(5.60)	7.14	10.66	(6.00)	8.50	(4.40)	14.80	3.25	3.75	
February	(6.50)	(2.25)	4.35	2.92	6.72	9.76	(4.70)	5.33	3.00	8.10	
March	(8.00)	3.47	2.20	1.47	1.73	2.70	(9.40)	2.30	2.88	3.70	
April	(4.10)	2.71	3.80	3.85	3.22	2.15	4.90	3.21	5.57	6.00	
May	3.81	5.22	4.24	4.75	3.75	3.50	4.50	2.35	3.47	3.15	
June	1.05	1.20	3.00	3.10	5.00	5.35	2.93	6.29	1.00	1.81	
July	3.68	5.86	2.37	4.22	1.25	5.00	2.75	(2.20)	4.15	3.70	
August	7.05	4.66	5.93	4.10	3.45	5.29	.22	(5.80)	2.90	4.27	
September	.40	3.80	4.68	6.25	2.65	7.60	2.35	(2.60)	2.15	7.54	
October	6.07	7.40	2.74	6.06	8.00	2.51	(1.50)	3.49	5.69	2.30	
November	5.56	2.29	4.81	3.54	1.05	12.62	8.07	2.51	10.31	9.05	
December	3.43	5.56	3.12	4.50	4.40	5.50	9.03	5.27	10.15	(3.08)	
TOTALS	(54.92)	(50.02)	48.38	61.43	47.22	70.48	(54.75)	(56.13)	54.52	66.67	
	M	M	M	M	M	M	M	M	M	M	

1941 Jan. Feb. Mar. & April est'd. by observer. 1950 Dec est. by Engineer.

1942 Jan & Feb. adj. by observer.

1945 Jan. cold too snow.

1946. Feb, Mar, April. est'd. by Eng.

1947 Jan, Feb, March & Oct. est'd.

5 turf well rounded gauge

Mr Cornish has supplied a value of 4.40 in for the station average but this is not considered satisfactory for inclusion in British Rainfall.

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.	Direction

BRITISH RAINFALL ORGANIZATION

Station No. 3110/1

TF 26

RAINFALL at ⁸ Serwent Dale (Landy Lee)

51

County of West Riding - YorksObserver Serwent Valley Water Bd.River Basin Trent - Serwent - 5Type of Gauge SeptapeakAnnual Average in. based on 56.40 years obs. un-weighted. Period of averageRef. 8File No. 560619/26

Diameter ...	5"			106	148						
Height ...	1'0"				1			1'2"			
Altitude ...	1320'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	6.18	(6.96)	2.57	5.30	4.30	(8.75)	5.16	6.93	6.33	8.46	
February ...	(6.31)	3.19	3.00	4.22	4.20	2.86	4.52	8.90	.64	4.20	
March ...	7.59	3.07	3.10	3.08	4.35	2.93	4.97	3.83	(2.55)	2.05	
April ...	3.05	3.45	4.41	.78	1.90	3.25	.55	1.78	5.70	3.38	
May ...	5.09	(3.45)	3.05	5.15	4.90	1.57	1.80	4.30	1.82	2.22	
June ...	1.45	2.85	3.25	2.87	3.97	4.27	1.66	5.98	2.25	1.90	
July ...	3.30	2.60	5.95	(5.59)	1.10	9.34	(4.80)	5.92	5.00	(6.90)	
August ...	5.85	3.57	5.25	6.60	.75	10.76	7.84	3.40	.95	4.52	
September ...	3.72	7.59	2.60	6.05	1.70	5.58	8.82	4.80	.13	5.94	
October95	8.15	2.60	7.95	4.80	3.67	6.33	4.47	(5.39)	7.48	
November ...	12.23	4.40	3.70	9.00	2.95	3.70	3.63	1.22	6.89	8.84	
December ...	9.98	5.40	2.50	10.05	7.50	6.43	7.00	6.22	8.20	7.74	
TOTALS ...	65.70	(54.68)	41.98	66.55	42.42	63.05	57.08	57.75	45.85	63.63	
	M	M	M	M	M	M	M	M	M	M	

1952 May corr M.O.B. eng. agrees

1955 Jan. + Mar. part est. Feb. est. M.O.B.

1956 Jan. Feb. app'd by Inspector. M.O.B. agrees.

High VII 1958 1.0 P.M. by. house has built off level. Overrun all directions. Turf wall very poor - to be rebuilt.

800 from

2600422004

2000422004

00404

Position of Station on Ordnance One-Inch map :

No. of Map 102National Grid Reference SK 180953

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
			C1934	✓	