

## RAINFALL AT Lune Head 5 mls N.E. of [Brayton] 70

Lat. .... Lon. ....

County of Yorkshire NR.

Rain Gauge, by

Observer Mr G. Wade

Diameter .....											
Height .....							8				
Altitude .....							1 -				
							1779				
Year .....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January .....								1.70	6.10	5.70	1.50
February .....								6.60	5.10	1.90	4.10
March .....								6.50	5.60	3.20	3.10
April .....								3.60	3.70	4.50	2.40
May .....								1.10	3.50	5.10	1.80
June .....								2.60	4.70	4.60	4.20
July .....								4.10	6.40	3.70	6.90
August .....								3.70	10.90	5.80	6.10
September .....								6.90	4.20	6.10	4.40
October .....						#		4.80	4.20	6.80	3.80
November .....								5.90	2.90	6.70	4.60
December .....								3.50	9.10	5.10	4.10
TOTALS .....								53.00	68.80	53.10	44.90

## RAINFALL AT Lune Head [Brough]

80

Lat.

Lon.

County of York, N.R.

Rain Gauge, by

Observer

G. J. Symons, Esq., F.R.S.

Years . 6

Diameter	8										
Height	1. 0										
Altitude	1779 ft										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	1.90		1.90	4.20							
February	5.10	8.70	1.50	5.0							
March	1.30		1.20	0.00							
April	4.00	1.30	4.20	2.20							
May	1.90	.20	5.0	4.40							
June	3.80	4.20	8.00	4.70							
July	6.90	5.60	5.10	2.40							
August	2.10	5.90	3.80	3.40							
September	5.50	4.20	(2.50)	5.70							
October	7.40	3.40	4.70	5.40							
November	5.70	5.80	7.80	3.20							
December	3.20	4.10		1.10	#						
TOTALS	48.80	43.40	(4.20)								

low

1882 Sept - Gauge tampered with amount computed  
 gauge moved during the year  
 Laithkirk Church 6 miles E

1883 Feb to May incorrect partly owing to snow.

RAINFALL AT Lunedale Limehead

Lat. \_\_\_\_\_ Lon. \_\_\_\_\_ County of N.Y. York

Symonds Copperhead Rain Gauge, by \_\_\_\_\_  
Fees - 6.

Observer D. A. Wilson Esq  
Hugh Wilson Esq

Diameter ...										5	
Height .....										1.0	
Altitude ...										1650	
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...										4.20	
February ...									13.14	5.70	
March .....										4.80	
April .....									3.50	4.80	
May .....									6.00	1.60	
June .....									3.20	4.40	
July .....									4.60	6.50	
August .....									4.30	4.10	
September ..									8.70	4.20	
October ...									3.80	6.40	
November ..									4.80	1.20	
December ...									3.50	8.60	
TOTALS ...									55.54	56.50	

1908 Leithkill Church 7 Miles N.E.

Middleton Station 6½ - N.E.

page on "Moorland"

## RAINFALL at Lunnedale Lunehead.

County of N. R. Yorkshire  
River Basin Tees 6

Observer Hugh Wilson Day

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

M.

Diameter ...	5										
Height .....	1.0										
Altitude ...	1450										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS. Totals
January ...	2.70	3.50	4.30	5.00	6.90	9.20	5.48	6.00	6.00	26.68	1916-19
February ...	13.70	5.90	3.90	3.90	7.80	4.90	6.10	7.02	5.90	14.92	
March .....	2.50	4.50	6.20	7.30	5.80	4.00	3.00	2.30	2.70	4.20	12.20
April .....	3.50	4.30	1.30	6.30	2.70	0.20	5.20	3.10	1.50	3.20	13.00
May .....	2.70	2.20	3.20	3.20	3.90	1.80	4.80	2.70	2.50	2.00	12.00
June.....	3.00	4.00	7.00	2.60	3.70	.90	4.20	2.30	2.70	3.20	11.40
July .....	5.30	2.20	5.70	1.20	2.70	5.20	6.20	2.50	6.20	5.30	17.20
August.....	8.40	3.80	6.10	2.40	4.10	3.60	4.20	10.60	5.90	6.20	26.90
September ..	1.00	3.90	4.20	4.10	4.80	.90	3.80	4.20	12.80	3.80	24.60
October ...	2.60	5.10	5.70	3.20	2.10	6.10	11.90	8.20	7.10	4.50	31.70
November ..	5.00	7.20	5.50	5.90	8.90	2.20	6.30	6.00	2.90	5.60	20.80
December ...	4.70	8.10	9.10	5.70	8.90	8.20	4.60	4.10	9.20	7.20	25.10
TOTALS ...	52.70	53.90	61.40	50.00	60.40	42.90	69.50	53.00	66.40	48.60	236.50

1912 for open moor

1917 Saw - tele apportioned among 3498.  
11.5.53.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911			Middleton-in-Teesdale 6mi NE			Laithkirk	7mi	NE

## RAINFALL at Lunedale Lunehed

County of N. R. Yorkshire

Observer Hugh Wilson Esq

River Basin Yees b

J. S. Calvet

Symons Snowdon Rain Gauge, by \_\_\_\_\_  
M

S. R. Collinson (1924)  
Tees Valley Water

Diameter ...	5"										
Height .....	10										
Altitude ...	1450										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEDIAN
January ...	8.50	12.50	5.20	6.10	4.50	5.50	7.40	6.20	11.80	2.80	8.30
February ...	6.60	2.10	5.70	6.70	2.10	7.20	5.00	2.60	7.30	1.30	1.70
March .....	4.50	5.90	3.70	2.20	2.20	3.30	4.30	5.50	4.20	.60	2.50
April.....	8.10	1.80	4.20	4.50	2.50	5.60	2.80	5.00	1.50	3.20	3.40
May .....	6.90	3.50	1.90	4.40	5.70	5.30	4.10	3.30	2.30	2.60	2.60
June .....	3.50	1.50	3.20	2.00	5.40	1.20	3.40	5.20	8.00	3.60	5.30
July .....	8.10	3.10	6.40	4.50	6.50	1.90	6.20	6.00	5.20	5.50	6.30
August .....	5.30	9.10	4.70	9.60	4.90	5.00	4.80	10.10	9.70	6.00	7.80
September...	2.90	2.50	6.00	4.50	6.60	5.20	7.00	8.00	2.90	4.00	6.10
October.....	2.90	3.50	2.20	10.00	6.60	5.10	5.20	5.70	6.50	7.00	7.10
November...	3.80	2.40	2.30	6.00	3.80	2.70	7.30	7.00	9.20	7.60	6.50
December...	5.80	9.40	9.20	5.20	7.50	7.00	3.00	1.90	3.50	9.00	8.90
TOTALS...	66.90	57.70	54.70	66.80	58.30	54.00	60.50	66.60	72.10	53.20	61.50, M

g. on open moor  
Dipterid grasshopper

Details of 9.10.23. Site on Long Grain moss - a wide expanse of flat bog.  
A good deal of shelter from vegetation.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map	Reference No.			
Date	Lat. N.	Long. W.	Railway Station	Distance from gauge	Direction	Parish Church	Distance from gauge	Direction
1926.	54° 35' 42" N	2° 11' 10" E	Middleton in Westdale	6 1/2 mi	NE	Lauthkirk	7 mi	NE

### RAINFALL at Lunedale (Lunehead)

County of North Riding  
River Basin Tees - 6.

Observer G. R. Collinson, Esq., C.E.

T.S.R. writing Sy. Ch. (1941)

*Type of Gauge.....*

Annual Average 5.5 b.in. based on 30 years obs. un-weighted. Period of average 1881-1915 Ref. 5

Diameter	5.										
Height	1.0.										
Altitude	1450.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Means Total
January	5.50	7.10	3.10	7.50	3.00	6.60	6.20	7.80	8.90 (3.10)	58.80	
February	7.90	.90	7.30	3.30	10.20	4.00 (8.10)	3.40	5.90 (2.50)	50.50		
March	1.30	5.60	3.50	5.70	2.80	3.25 (4.40)	4.20	6.10	7.20	44.00	
April	5.20	5.40	3.80	4.80	4.90	1.60	5.00	1.70	3.40	3.10	38.90
May	4.90	3.90	3.00	4.00	.60	2.50	3.40	3.90	1.20	2.90	30.30
June	7.90	1.70	3.50	2.80	4.80	4.30	3.10	6.20	4.50	1.60	39.40
July	7.10	6.10	5.10	4.00	2.00	5.20	3.40	6.00	8.10	6.20	53.20
August	4.20	1.90	2.70	5.50	1.80	3.10	1.90	4.30	3.90	4.30	33.60
September	2.70	8.50	3.40	4.00	8.40	8.90	4.60	3.10	1.80	5.90	51.30
October	4.50	8.60	7.80	10.40	11.20	5.40	2.40	10.90	5.50	5.40	72.10
November	7.00	5.20	3.90	3.50	6.50	7.00	1.40	6.50	7.50	6.30	55.10
December	3.70	6.50	1.10	7.10	3.80	7.10	3.30	6.50	2.80	6.70	47.60
TOTALS	61.90	60.40	48.20	59.60	60.00	58.95	47.50	63.50	59.60 (55.20)	574.85	

1937 Feb & Mar estimated

1940 Jan Feb Blots adjusted by off to nearby sites

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

*References No.*

Station No. T.F. 3496

RAINFALL at Lundeby (Lundehead)

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County of North Ridings Observer T.S.R. Winton Esq. C.E.

River Basin Tees - 6

Type of Gauge

Annual Average 55.0 in. based on 30 years obs. un-weighted. Period of average 1931-1945. Ref. S PG 447  
55.0 33 E10079/49

File No. 246592/357/20.3.1945

Diameter	5"	027	521									
Height	1' 0"			1							1' 2"	
Altitude	1450'			41								
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	1941-1950 17.15
January	(4.00)	(4.70)	6.10	8.70	7.30	5.10	(5.50)	13.40	4.10	(4.80)	6.3.20	
February	(5.80)	(2.70)	4.80	3.30	6.00	4.90	(4.00)	4.10	4.50	8.10	51.20	
March	(5.50)	(3.70)	3.40	1.30	3.10	2.50	(7.70)	4.30	3.20	4.70	39.40	
April	2.90	2.90	3.90	2.80	5.70	2.50	6.80	5.40	6.60	6.70	43.20	
May	3.60	3.50	5.90	3.30	4.90	3.00	1.80	2.50	3.30	4.40	35.20	
June	1.70	1.50	6.30	4.50	5.10	4.00	5.90	8.20	1.30	3.80	42.30	
July	1.30	6.10	4.00	4.90	3.70	6.30	6.20	2.50	3.50	8.10	43.60	
August	7.50	4.90	9.20	3.00	4.60	8.10	.50	9.20	3.50	7.80	58.30	
September	1.60	5.80	5.20	9.90	4.80	9.10	6.60	7.20	3.30	8.60	62.10	
October	7.10	5.50	5.30	5.70	7.60	1.00	1.70	5.20	6.10	6.80	52.00	
November	4.80	1.60	4.30	9.80	2.20	9.60	9.00	4.80	10.80	7.60	64.50	
December	3.90	5.10	3.60	6.30	3.30	5.40	4.50	4.20	11.40	8.00	52.70	
TOTALS	(49.7)	(48.00)	62.00	63.50	58.30	60.50	60.20	69.00	64.60	71.90	607.70	
	m	m	m	m	m	m	m	m	m	m	m	

1941 Jan.-March estd.

1942 Jan.-March estd

1947 Jan.-Feb. &amp; Mar. and for snow

1950 Jan.-April estd.

70004 70004

70004

40004

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

Reference No. ....

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

Station No. 3496 T.E. 62

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## RAINFALL at Luncleade (Luncleade)

County of North Riding - Yorks.  
River Basin. Lees - 6

Observer

T. G. H. Winter Esq. C.B.,  
Leeds Valley & Cleveland Water Bd.

Type of Gauge.

Annual Average 55.0 in. based on 33 years obs. w-weighted. Period of average 1881-1915 Ref P.B.447  
" 60.15 " " 21 " Within 1932-56. " " " 1916-1950 File No. E10079/49 S

Diameter	6"	027	521									Means
Height	1' 0"			1								Total
Altitude	1450'		51									
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960		
January	6.50	(5.50)	2.30	5.10	3.10	5.30	7.30	4.00	5.00	7.00	51.10	
February	5.40	(2.50)	2.90	3.00	2.70	2.20	4.10	(5.50)	1.60	5.30	38.20	
March	6.00	3.30	.70	4.00	2.30	3.00	4.40	(3.40)	3.10	3.40	33.60	
April	5.20	3.40	4.70	.90	3.00	1.20	1.10	2.00	4.50	3.00	29.00	
May	3.90	2.40	2.60	5.40	5.00	2.40	3.10	6.90	1.00	2.50	35.20	
June	2.20	4.40	2.90	5.00	4.10	2.10	2.40	3.20	2.50	2.50	31.30	
July	3.60	3.70	7.30	5.00	2.70	6.70	7.50	5.10	4.30	5.50	50.40	
August	4.90	8.00	7.40	8.30	1.40	10.50	7.40	5.70	1.40	5.00	60.00	
September	4.30	5.30	3.60	9.00	3.10	4.00	6.40	4.50	1.40	3.70	45.30	
October	1.80	5.80	2.20	10.50	3.40	4.00	6.10	4.40	3.70	6.80	48.70	
November	(9.30)	4.00	7.00	7.50	2.30	2.00	2.40	1.40	6.00	7.00	48.90	
December	10.30	4.50	3.00	7.50	9.50	6.20	5.20	4.10	8.10	5.50	63.90	
TOTALS	62.40	52.80	46.60	71.20	42.60	49.60	57.40	53.20	42.60	57.20	535.60	
M	M	M						M	M	M		

1955 Feb. Mar. app. M.O. 3b.

300004

1956 Sept.-Oct. app. M.O. 3b

1958 Feb.-Mar. app. M.O. 3b.

1960 Apr. Pow.

0002460004

Position of Station on Ordnance One-Inch map :			No. of Map .....	National Grid Reference NY(35)850215		
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - Rejected

Record D, or d	C 1909	1910-19	1920-30	1931-40	1941-50	1951-60
		✓	✓	✓	✓	
		-	/bwt-20-22			