

RAINFALL at Lunedale (Keecham)County of Yorks. N.R. Observer G. R. Collinson CERiver Basin Tees 6 Tees Valley Water Bd.

Rain Gauge, by _____

Diameter ...					5						
Height					1 0						
Altitude ...					1660 1,700						
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means
January ...					5.20	6.60	8.40	7.10	12.30	2.30	9.50
February ...					2.30	7.80 ^{12.3}	5.60	3.60	7.40	1.20	1.90
March					2.50	4.10 ^{6.5}	4.60	6.50	4.90	.60	3.50
April					3.10	6.70	3.00	6.00	1.90	3.30	4.60
May					6.20	5.60	5.10	4.00	2.20	3.10	3.20
June					6.60	.40	4.20	6.10	8.90	4.10	3.70
July					7.50	2.00	7.00	6.20	6.70	6.20	7.20
August					6.40	6.00	5.20	11.40	9.60	7.20	8.20
September...					7.60	6.30	6.10	9.00	3.50	4.10	5.40
October					8.10	6.00	4.50	7.30	7.80	8.30	9.10
November...					4.00	3.60	7.50	7.90	10.60	8.70	7.50
December...					9.00	7.70	3.40	2.50	4.20	9.10	4.30
TOTALS...					68.50 M	62.80 M	64.60 M	77.60 M	80.00 M	53.70 M	68.10 M

*approx. Details (height ft) 9-0-23. Site is 100 yds. above confluence of Keekham Beck
Long Grain*

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	Parish Church.	Distance from gauge	Direction

RAINFALL at Lunedale (Keekham)County of North RidingObserver G. R. Collinson, Esq., B.Sc., C.E.River Basin Tees - 6T. S. R. Wink, Esq., C. (1941)

Type of Gauge.....

Annual Average 59.5 in. based on 3 years obs. un-weighted. Period of average 1881-1915 Ref. S

670379/26

Diameter	5.											
Height	1. 0.											
Altitude	1660.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Mean Totals	
January	6.20	9.30	3.70	7.20	3.70	7.20	6.50	2.00	10.30	(3.20)	65.90	
February	8.30	1.30	7.20	.50	10.80	4.25	(8.20)	3.00	6.90	(3.80)	54.25	
March	2.90	5.90	3.20	5.90	4.00	3.75	(4.70)	5.40	7.10	7.80	50.65	
April	6.30	6.10	4.70	5.90	6.10	2.20	6.30	1.90	4.10	4.20	47.80	
May	5.10	4.70	3.30	4.70	1.20	2.50	4.50	4.10	1.60	2.60	34.30	
June	8.20	2.20	5.50	3.40	5.00	5.30	3.00	6.10	5.50	1.80	46.00	
July	9.20	7.20	5.80	4.50	3.30	6.30	4.10	6.90	9.80	5.80	62.90	
August	5.00	1.90	3.20	6.20	2.50	4.40	2.20	4.70	3.70	5.20	39.00	
September	3.30	9.10	3.30	4.70	8.90	10.10	5.00	3.40	2.00	6.90	56.70	
October	4.90	9.10	8.10	10.50	12.60	6.60	2.90	11.10	5.90	6.10	71.80	
November	8.20	5.30	3.90	4.10	7.30	7.90	2.00	8.00	7.90	7.70	62.30	
December	3.90	6.30	1.20	8.20	4.50	8.10	3.50	7.80	2.90	8.00	54.40	
TOTALS	71.50	68.40	53.10	65.80	69.90	69.20	52.90	70.40	67.70	(63.10)	652.00	

1937 Feb + Mar. estimated

1940 Jan + Feb adjusted by ref to nearby stns.

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, EXHIBITION ROAD, LONDON, S.W.7.

RAINFALL at Leaxdale (Keeleham) Station No. T.F. 3499 41
 County of North Riding Observer T.S.R. Winter Esq. C.E.
 River Basin Tees - 6
 Type of Gauge

Annual Average 59.5 in. based on 2 years obs. un-weighted. Period of average 1881-1915 Ref. S.P.B. 447 (1914)
62.1 17 236952/33 E10079/01
 File No. 610579/24

Diameter	5"			027	462							
Height	1' 0"				1				1' 4 1/2"			
Altitude	1660'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	Total
January	(4.20)	(5.00)	7.00	8.90	(8.00)	5.90	(6.00)	13.70	4.30	4.40	68.40	
February	(6.20)	(2.80)	5.10	4.00	(7.00)	6.30	(4.00)	4.90	5.60	8.50	54.40	
March	(6.00)	(4.10)	3.70	2.10	3.20	3.90	(8.00)	4.40	3.00	4.40	42.80	
April	5.00	(3.40)	4.10	2.90	6.00	2.90	(7.00)	3.50	6.50	5.80	47.10	
May	4.40	3.60	6.20	3.70	5.50	2.40	2.10	3.00	2.80	5.00	38.70	
June	1.90	1.60	7.10	5.10	6.10	4.50	6.00	4.20	1.30	4.30	47.10	
July	1.70	6.50	4.10	5.90	4.00	6.90	7.00	2.60	4.10	5.80	48.60	
August	8.00	6.10	11.20	3.50	5.00	8.20	.60	9.40	3.70	9.50	64.20	
September	1.70	6.00	6.00	10.10	4.90	10.60	7.80	7.40	3.50	9.90	68.40	
October	7.60	6.90	(5.70)	5.90	8.20	1.30	2.30	5.80	7.10	2.40	58.20	
November	5.00	2.10	4.20	11.50	2.70	10.00	9.70	4.80	10.20	9.10	69.30	
December	3.50	6.50	3.80	6.90	4.70	5.90	4.90	4.60	10.20	4.80	55.80	
TOTALS	(55.20)	(54.60)	68.20	70.50	65.30	68.80	65.40	73.80	62.30	77.90	663.00	
	M.	M.	M.	M.	M.	M.	M.	M.	M.	M.		

1941. Jan - March est'd.
 1942 Jan - April est'd.
 1943 Oct est'd from map.
 1945 Jan & Feb approximated
 1947 Jan - April est'd.
 7000 474004 00044

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. 3499 T.F. 62RAINFALL at Lunedale (Heekham)

51

County of North Riding Yorks.Observer J. H. R. Winter Esq. C.E.River Basin Lee - 6Lee Valley & Cleveland Water Bd.Type of Gauge M.O.Annual Average 62.1 in. based on 17 years obs. un-weighted. Period of average 1881-1915 Ref. P.B. 447
" " 67.50 " " 31 " " within 1924-56. " " 1916-1950 File No. E 10079/49 5

Diameter ...	5"			027	462							
Height ...	1'0"				1							
Altitude ...	1660'			51								
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Totals
January ...	6.60	(6.30)	2.80	6.10	3.40	5.80	9.00	5.20	(4.70)	7.50	57.40	
February ...	6.00	3.00	3.20	(3.20)	3.00	7.40	5.70	(9.80)	2.30	5.10	44.70	
March ...	6.50	4.20	1.10	(4.90)	3.50	3.00	4.70	(3.90)	3.50	2.30	38.60	
April ...	5.20	4.50	5.50	1.10	3.80	1.30	1.70	3.90	5.70	3.70	36.40	
May ...	3.90	(2.90)	3.60	5.50	6.00	3.00	3.80	8.20	1.70	1.20	41.40	
June ...	2.10	(4.40)	3.60	6.50	4.80	3.00	3.50	5.00	3.20	1.80	38.90	
July ...	3.10	4.90	9.20	5.60	3.10	6.70	9.00	6.30	5.70	7.10	60.70	
August ...	5.50	10.08	8.10	9.00	1.40	12.20	9.50	7.20	1.30	4.10	68.38	
September ...	4.70	6.40	4.10	9.50	4.00	6.00	8.00	(5.75)	1.50	(4.80)	54.75	
October ...	2.20	7.20	2.70	10.50	4.00	5.50	7.50	5.20	4.50	6.80	56.10	
November ...	10.50	4.60	7.20	9.50	2.80	2.50	3.40	1.70	6.50	7.60	56.30	
December ...	11.90	5.50	3.20	9.60	10.50	6.80	5.70	4.50	9.00	7.20	73.90	
TOTALS ...	68.20	63.98	54.30	1.00 ✓ 44.88	50.30	59.20	71.50	66.65	49.60	62.80	627.53	

1935 Feb. Mar. part est. M.O. 36.

1956 Sept. Oct. app'd.

1958 Feb. Mar. & app'd Sept. 11.36.

1959: Jan. 54.

1960 nr. 2004

43004

Sept. 1960. Est. 2.645

30104 40004 00104

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference NY(35)832222

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
				N & R is correction not change of site Edwin 3/72		

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		C 1924	✓	✓	