

RAINFALL at Lunedale, Conny pot

County of Westmorland

Observer G. R. Collinson^{Esq.} (Eng.)

River Basin Year - 5

Tees Valley Water Board

Rain Gauge, by _____

Diameter ...					5						
Height					10						
Altitude ...					1840						
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...					4.60	6.00	6.60	6.20	9.00	1.40	7.10
February ...					1.70	{ 11.90 }	4.80	2.70	6.40	1.20	1.80
March					2.20		3.50	6.00	3.00	60	3.10
April.....					2.50	5.00	2.10	5.20	1.50	2.60	2.70
May					5.60	4.90	4.20	3.80	1.90	2.50	2.90
June					6.20	3.30	3.10	5.70	8.00	4.00	4.10
July					6.30	2.50	7.50	7.00	6.20	5.90	7.10
August					5.80	5.90	5.20	10.50	9.60	6.80	8.10
September...					6.40	6.10	7.60	8.50	3.00	4.50	5.30
October.....					6.80	6.00	4.60	6.00	7.00	7.50	7.60
November...					3.30	2.20	6.40	6.50	8.20	7.50	6.20
December...					7.20	7.00	3.00	1.50	3.10	7.80	3.50
TOTALS...					58.60 MP	57.80 M	58.60 M	69.60 M.	66.90 M	52.30 M.	59.50 M.

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 Lunedale (Conny Pot)

County of Westmorland,

Observer G.R. Collinson, Esq., F.R.S.

River Basin Tees - 5.

T.S.R. Winter, Esq., C.I. (1901)

Type of Gauge.

Annual Average 53.7 in based on 2^{1/2} years obs. weighted Period of average 1881 - 1915 Ref. Tees Survey
 using Tyne, Bedehead, Dow Crag, Lane Head, Ryhope, Seaton and Gateshead.
 + 1/1926 - x/1921 6703749/26.

Diameter	5.										
Height	1.0.										
Altitude	1840.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	5.40	7.90	3.20	7.80	3.50	6.20	6.10	6.10	8.10	(2.70)	57.00
February	7.30	4.40	7.10	3.30	9.10	4.00	(5.50)	3.50	4.90	(3.00)	45.10
March	1.10	4.60	3.10	7.60	3.90	3.25	(3.10)	6.00	5.10	6.30	43.95
April	4.20	4.30	3.60	4.00	5.00	1.10	3.50	1.20	3.10	2.50	32.60
May	4.40	3.70	3.50	3.80	7.0	1.70	4.30	3.50	1.00	1.80	28.40
June	7.60	2.10	4.50	3.10	5.10	4.60	3.60	6.10	4.80	1.60	42.60
July	9.40	7.00	6.00	4.40	2.30	7.20	4.10	6.20	9.10	6.80	62.50
August	5.20	1.80	3.10	5.80	2.10	4.90	2.20	4.60	3.10	4.90	37.70
September	2.60	8.30	3.10	4.90	9.10	9.20	4.70	3.20	1.50	6.20	52.80
October	4.30	8.60	7.60	11.00	11.40	6.10	2.30	11.20	4.50	6.20	73.20
November	6.90	4.50	3.70	3.60	5.20	6.90	1.20	6.20	6.40	6.30	50.90
December	3.60	5.80	1.00	6.20	3.80	6.50	2.50	6.20	2.20	6.40	44.20
TOTALS	62.00	58.90	49.50	62.50	61.20	61.65	43.10	63.10	53.80	54.70	57046
	M	M	M	M	M	M	M	M	M	M	M

1937 - Feb + March estimated from adj. stns.
 1940 Jan + Feb adj. by ref. to nearby stns.

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	Direction

Station No. T.F. 3729

RAINFALL at Llanddulas (Conwy Dist.)

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County of Westmorland Observer T.S.R. Winter Esq. C.E.

River Basin Tees - 5

Observer T.S.R. Winter Eng. C.E.

Type of Gauge.

Annual Average ~~53~~⁵⁴* in. based on 25 years obs. un-weighted. Period of average 1881-1915. Ref. Terc Survey
While this is the average for this station, the value on the map is not intended to be taken as absolute
not derived from a 30 yr. avg.

Diameter	5"			027	392					
Height	1' 0"				1					
Altitude	1840				41		1' 8"	1' 8"	1' 8"	
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	Means
January	(8.90)	(4.60)	6.50	(8.50)	(8.00)	3.70	(5.50)	10.10	4.60	(4.50) 59.90
February	(5.70)	(2.60)	4.30	(3.50)	(7.00)	6.10	(4.00)	4.30	5.70	(2.60) 51.40
March	(5.40)	(3.50)	2.40	1.40	2.90	2.70	8.10	4.60	3.10	3.40 37.50
April	2.60	2.10	3.60	2.90	(5.40)	2.70	6.90	(3.70)	6.90	4.60 41.40
May	3.70	3.10	5.50	(3.50)	(5.10)	2.20	2.20	8.90	4.30	4.10 36.60
June	1.30	1.10	6.00	4.70	(5.00)	4.30	5.70	9.30	2.30	4.20 43.90
July	1.60	6.20	3.50	5.20	3.60	6.20	6.90	2.00	4.40	5.20 45.30
August	7.30	5.40	10.30	3.10	4.70	6.40	.30	7.80	4.20	8.20 58.30
September	1.40	5.20	5.40	9.50	4.60	9.90	6.50	7.10	3.60	9.30 62.50
October	6.70	6.40	5.50	(5.50)	7.10	1.10	2.00	5.30	6.30	6.00 51.90
November	4.10	1.80	4.10	(10.00)	2.50	9.10	8.10	4.60	9.70	6.30 60.10
December	4.00	6.20	2.80	5.20	3.40	5.40	4.40	4.40	(8.50)	4.50 48.86
TOTALS	(47.70)	(48.20)	61.10	63.00	59.30	59.80	60.60	66.40	63.66	67.90 599.66

1941: - Jan. Feb. & March estd. by ref. to nearby stations & monthly maps 00014 60004

1942 - Jan. 3ab 7 Ma

1946 m.p. too much eat (5 months)

1945 Jan 9 Fe: April May & June abattoined

1943 Feb 1 P.M. - 1943 Mar 12 P.M.

1947 Jan 6 collected. Wm & April 1947

haha! Ema!

monthly map 00014 60004

8-2-8 29A

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

Station No. 3729 T.F. 42

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RAINFALL at Linedale (Conny Pot)

County of Westmorland

Observer

F. G. Ross Winter Esq. C.E.

River Basin Tees - 5

Tees Valley and Cleveland N.B.

Type of Gauge

Annual Average in. based on years obs. un-weighted. Period of average Ref.
 " " 60.67 " " 31 " " within 1924-56. " " 1916-1950 5
 File No. E 10079/49

Diameter	5"			27	392							
Height	1' 8"	1' 0"				1						
Altitude	1840'					51						
Year	1951	1952	X	1953	1954	1955	1956	m	1957	1958	1959	1960
												Means
January	5.80	(5.40)	2.70	5.80	2.40	6.00	(7.50)		4.50	4.20	5.50	49.80
February	(5.80)	(2.60)	3.00	(3.20)	(3.00)	2.00	4.20	(8.70)	2.00	3.00	37.50	
March	(6.00)	3.10	1.20	4.80	(3.00)	3.10	4.20	(3.50)	3.20	2.40	34.50	
April	3.50	3.70	4.70	1.00	3.50	1.40	1.60	4.30	4.10	2.50	30.30	
May	3.80	(2.60)	3.60	5.00	5.00	2.40	3.30	8.60	.80	2.40	37.80	
June	2.55	(4.20)	2.70	5.10	3.70	3.10	3.30	5.50	3.20	2.50	35.80	
July	3.20	4.00	8.10	5.80	2.40	6.50	7.20	6.20	5.40	8.10	57.10	
August	5.10	10.00	4.40	9.00	1.40	12.00	(8.30)	6.00	1.00	4.30	64.80	
September	4.40	5.20	4.10	10.10	3.10	(5.60)	7.80	5.50	1.30	3.50	56.80	
October	2.30	6.20	1.90	10.50	3.10	(4.90)	6.90	(5.00)	4.10	6.60	51.50	
November	8.30	4.40	6.30	6.50	2.40	2.00	3.10	1.20	5.10	6.40	46.70	
December	9.20	4.80	3.40	7.20	9.10	5.30	4.60	3.30	7.40	4.70	59.00	
TOTALS	59.90	56.20	49.40	74.30	42.60	54.20	62.00	62.30	41.80	51.90	554.60	
				n	m			M				
1954 Jan. G. found leaking (ad)		20004	30004	00144	40204	30044						
1955 Feb. Mar. part est. M. & S. B. eng'r agreed												
Jan. 5. G. found leaking.												
1956 Sept. Oct. off'd												
1957 Jan. G. leaking												
		30004	63004									

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference 3518152020

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	10	1910-19	1920-30	1931-40	1941-50	1951-60
		C 1924	V	V np 44		