50

Benlomond - Glasgow W. W. On hills easterly side of Ben lomond -Head of Duckney Yalley - Source of the Firsh

+ S. Level 1000 ft

Forth, Rbank - 1.

YEAR	1053	1854	1055	1856	1057	1058	1059	MEANS
January		9.10	3.30	4.00	7.50	12.40	14.00	
February		8.70	1.60	13.20	7.70	3.30	11.00	
March		8.00	8.00	.90	6.00	1.90	14.90	
April		3.00	7.50	4.00	5.40	3.90	3.90	
May		7.60	3.40	5.70	5.90	7.50	.70	
June		10.30	3.50	10.00	3.90	6.60	3.50	
July		7.50	5.10	4.50	5.10	7.60	5.50	
August	#.	6.50	9.80	8.80	4.90	7.40	9.80	
September -	En 8.30	6.80	4.90	6.50	6.40	10:20	13.20	
October						11.00		
November -	12.70	4.50	4.20	6.80	5.90	4.20	7.50	
December -						14.40		
Totals -		109.00	69.90	81.00	85.50	90.40	91.80	

Forth Romk - 1.

YEAR	1860	1860	1862	1063	1864	1865	1866	106)	1868	1869	MEANS
January				14.40						13.90	
February				12.20						inso-flet.	
March				4.40					9.60		
April				9.00							
May	8.00	1.60	10.80	4.40	1.40	0.10	2.30	4.10	7 40	1.10	
June	11.00	6.70	6.20	8.20	9.90	.60	5.50	4.20	4.20	2.80	
July	4.40	8.50	11.20	. 80	2.00	7.00	5.60	7.30	1.60	5-00	
August	10.40	18.10	7.20	11.70	6.00	12.10	13.20	8.90	11.60	1.30	
September -	5.60	12.20	6.20	15:50	11.00	2.90	13.90	9-60	4.20	16.00	
October	14.70	1230	14.60	14.20	4.40	5.80	7 90	14.60	11.60	6.811	
November -	3.60	12 20	8.50	8.30	8.90	610	8 50	3.10	5.70	8.70	
December -	1.60	2.30	1850	13.10	8.00	11.00	13.90	7.30	13.10	in exaple	
Totals -	8350	99.90	114.70	117:00	74.10	67:20	100/10		103-20	in complete	

\* 1864 The Garye being poper from Ded to sport much raise was lot probably II or 12 inches. The observed fall was 9.80 to which Mr. gate added by estimation 3.90 making the yearly total 6800; I find an addition of 10 inches much more probable and shance a total of 7410 in.
1867 - Observations lost through snow

## RAINFALL AT Ben Lomond ( Manage )

July	
Altitude	
YEAR       1870       1871       1872       1873       1874       1875       1876       1877       1878       1879         January       4       4       7       69       10       60       10       9       00       1430       10       00       9       20       7       40       00       00         February       4       40       7       60       9       00       10       20       7       70       69       6       20       00	
YEAR       1870       1871       1872       1873       1874       1875       1876       1877       1878       1879         January       4       4       7       69       10       60       10       9       00       14       30       10       00       9       20       7       40       00       00         February       4       40       7       60       9       00       10       2.90       7       10       6.90       6.20       00 </td <td></td>	
February 4,40 7.60 9 00 00 4,00 2.70 7.06.90 6.20 00 March 1.80 6.20 3.40 1.20 5.60 1.10 4.60 4.60 2.70 2.10 May 9,70 6.90 6.50 8.80 3.80 3.90 7.60 1.40 7.40 8.90 4.10 June 3.50 2.50 11.00 8.60 5.00 7.10 7.50 9.10 6.50 7.80 July 7.60 7.90 6.50 8.90 7.10 7.50 9.10 6.50 7.80 July 7.70 10.50 11.10 9.80 10.40 5.50 9.00 8.90 12.80 September 7.10 5.70 9.80 6.90 18.20 7.80 6.10 3.30 9.10 12.60	MEANS
February 4.40 7.60 9.80 00 400 2.70 7.10 6.90 6.20 00 March 2.40 5.50 6.80 6.10 6.70 2.50 6.70 4.10 6.00 00 May 9.70 90 5.80 3.80 3.80 3.90 7.60 1.40 7.40 8.90 4.10 June 3.50 2.50 11.00 8.60 5.00 7.10 7.50 9.10 6.50 7.80 July 7.10 7.50 8.60 5.00 7.10 7.50 9.10 6.50 7.80 August 2.40 7.70 10.00 11.10 9.80 10.40 5.50 9.00 8.90 12.80 September 7.10 5.79 9.80 6.90 18.20 7.80 6.10 3.30 9.10 12.60	
March	
April	
May	
July	
July	
August 2.40 7.70 10.80 11.10 9.80 10.40 5.50 9.00 8.90 12.80 September 7.10 5.70 9.80 6.90 13.20 7.80 6.10 3.30 9.10 12.60	
September 7.10 5.70 9.80 6.90 13.20 7.80 6.10 3.30 9.10 12.60	
9.80 0.90 5.70 11.00 15.00 9.00 12:40 13:10 7:40 3:00	
November 2.70 6.70 12.00 5-60 6.30 3.30 6.10 14:30 1.10 4:40	
December 1.90 9.30 7.90 9.20 .0012 90 9.90/3:30 .00 6.20	

	RA	INF	ALL	AT_	Ben	Lo	men	d	100	Duch	ayVe
Lat				Lon.					ling		
form R.ban		Rain G	auge, by			Obse	rver f.	m.g	ale,	Esq.	C. E
Diameter											
Height				1 0							
Altitude				1800							
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEAN
January	- 00				10 60				3.10	9.80	
February	11.00	(930)	0,70	6.10	9.60	10.90	12:10	8.00	1.90	6.00	
March	2.20	711.00	7:00	1.80	6:50	6.80		4.00	5.00	3.10	
April	8.00	(1.70)	3.30	430	3:30	5.10	4:40	4.30	4.70	590	
May					6:40				8.20	6.00	
June	4.50	9.30	8 10	600	.90	3:20	3 20	3.20	5.20	3.00	
July	5.80	6.70	11.20	700	11.00	4:00	6.50	6.20	7.10	3.10	
August					6.00				7.40	9.80	
September		1			6.90				2.00	2.60	
October	1.60	5.30	10.40	1330	11:10	8:30	6 60	3.70	6.20	7.50	
November	10.20	13.30	8.20	8.70	10.80	6.90	8.10	7.80	14:30	4-40	
December					12:00				8.50	9.60	
Totals	70.70	74.80	101.30	82.40	95-10	85.60	69.80	61.00	73.60	70.80	78.51

Winter months Defective throughout as VII 13

## RAINFALL AT Ben Lomond P. Dudnay Vall Country of Stirling Observer J.M. Gale Eg Cl. Rain Gauge, by Fork Rbank - 1. Diameter .... Height ..... Altitude .... 1800 Year ..... 1890 1891 1892 1893 1894 1895 1896 1897 1898 1899 MEANS. January .... 15.60 8.50 7.00 6.20 15.60, 5.10 1.80 9.30 10.10 February .... 3.40 5.50 20.20 9.80 5.80 8.50 8.30 2.40 2.80 9.30 21.590 March ..... 8.00 7.80 1.80 2.90 9.20 10.50 3.70 7.80 9.00 April..... 2.40 2.10 3.50 6.00 3.70 3.50 3.30 6.00 7.60 7.60 4.570 7.10 4.50 3.60 .70 4.80 3.70 -80 4.50 3.20 4.60 3.750 June ...... 6.70 4.20 7.90 3.40 3.70 3.30 6-00 7.10 4.40 5.30 July ..... 6.70 2.80 4.50 6.00 530 7.30 4.80 4.10 7.20 9.60 August ..... 5.90 10.80 10.20 8.60 4.90 12.60 510 12.30 10.30 3.80 September... 8.70 12.00 10.10 5.00 .00 4.00 8.30 6.30 7.60 9.00 7.100 October . . . 6.70 10:50 6.50 10.40 5:50 4.00 450 6.10 6.90 12.30 7.340

Defective in writer throughout es 41 13

TOTALS .... 84.80 86.40 74.50 72.70 91.10 69.00 68.70 86.20 94.30 105.50 83.320

1.90 11.70 6.00 11.60 8.90 10.10 10.80 10.80 20.00 6.80 9.860

7.50 8.90

18.10 9.630

13.90 8.30 7.60 6.50 10.70 11.20 360

November . .

December ...

R	AIN	FALI	AT	S	en	Lom	ond	_ (de	ad gD	nehray	Yalley
Form,		Rais					county of	Im	Gale	J Eag	C.E.
Diameter											
Height	1										
Altitude	1222410200										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January	19.30	600	0.0	12.2-	6.00	660	15.00	7 50	11 000	9.40	0.7/0
February			1	15.50				9.40	4.40	8.40	5320
March				17.20		1		1	5.50	230	
April			1	2.70			100000000000000000000000000000000000000		2.50	5.30	
May				4.10					4.50	4.10	
June				8.30						1	6610
July				10.00			9.00		9.80	,	
August	The second			20.50					7.10	6.10	
September			1	8.50			Market Vant	1		3.60	
October				22.10						15:30	
November				6.50				TO YOUR DESIGNATION OF THE PERSON OF THE PER	7.10	5.20	8.970
December				9.10			1222	13.00		10.40	10770
Totals	124:50	83.90	89.50	137.80	106.20	111.50	111.70	114.80	85.10	76.00	1041.00

Winter namifall defective throughout convers

RAINFALL at Ben Lomond, Head of Anchray Valle	) 536 ey.
County of Stirling Overver J. R. Sutherland Esq. Ch.	7
River Basin Forth-Right bank tribs . 1.	

Rain Gauge, by\_

Diameter			8								
Height			0 6		10						
Altitude	1800										
Year	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS 16-19
January	12:50	7.10	9.40	1024	4.50	5.60	14.80	2.40	9.05	4.05	30.30
February	6.50	12:20	9.60	7.80	12.40	10.50	8.10	1.30	11.90	1.05	22 35
March	6.00	3.00	990	8.10	9.70	5.60	1.70	4.20	3.20	3 40	12.50
April	6.40	5.80	3.90	6.90	7.70	7.40	5.80	1.30	1-20	290	11 20
May	2.80	8.40	4.30	7.10	3.70	1.90	6.10	6.20	4.25	2.05	18 bo
June	270	7.10	1130	6.40	1.80	2.00	3·H0	4.30	2-65	490	15 25
July	920	6.50	430	1.40				2.40		1	
August	16.10	9.60	7.90	2.20				10.00			
September	4.50	5.80	4.20	4.80		100000000000000000000000000000000000000		6.40			
October	4.00	7.10	9.40	5.90	3.90	8:90	12.50	12-40	13.05	2.35	40 30
November	3.60	14.10	8.70	12.60	11-40	3.80	9.40	11.15	9.50	650	36 53
December	920	16.50	19:40	8.70	(17.00)	7.80	7.30	3.20	9.10	9.10	28.70

Winter mouths defective as 11 13 197 Pour for auth. during cross casting averages A16-50.

Date. Lat. 1	Long.	Railway Station.	Distance.	Direction.	Church,	Distance.	Direction.

		d Esq								irling		
Ξ.	Eng. C.IE	lwood	enshi	9. 14	19261	(	ile-1.	rank li	Right	orth -	Basin F	River 1
			on Wh.	eylange				<i>y</i>	Gauge, b	Rain		
_				9 0						W.		
											8	Diameter
									0 6		1 0	Height
				M.			15 00				1800	Altitude
1	MBANS.	1929	1928	1927	1926	1925	1924	1923	1922	1921	1920	Year
1	13.20	2.75	22.10	10.80	16.80	7.45	7.80	15-60	14.50	14.60	8.90	January
1	.40				10.80						1000	February
	6.20	2.40	8.60	6.90	9.80	3.00	85	4-35	4.00	14.00	8.45	March
	3.10	1.90	4.80	6.70	5.00	7.80	4.60	5.20	3.40	2.50	4.15	April
1	5.60	7.45	2.10	4.50	650	12.80	7.90	3.70	8.85	6.80	9.60	May
-	5.15	5.85	9.60	8.45	6.10	1. 80	5.90	3-40	3.70	1.30	3.65	June
-	5.85	8.75	9.10	6.20	5.90	3, 30	11.50	10.50	7.00	6.90	7.95	July
1	12.10	11.30	9.85	9.45	8.50	7.10	7.40	11-70	5.80	10.00	8.50	August
1	6.65	4.60	8.15	8.85	7.40	5.70	11.20	16.40	6:30	5.55	6.60	September
	14.15	13.05	14.60	11.30	7.75	9.90	7.40	16.40	4.00	10.05	5.35	October
		12.60			Francisco Company					6.40	12.30	November
	9.00	20.40	9.80	2.50	5:15	6.65	15.95	8.05	9.30	14.90	7.05	December
le	91.85	94.85	123.05	92:40	102.20	72.60	91.80	110-5'5	81.55	9640	96.00	TOTALS

Date.	Lat. N.	Long.	Railway Station.	Distance Direction	Parish Church.	Distance Direction
Date.	200.00	Long.	Italian, Station	from gauge		from gauge
		The Later				
		32/ 100				

Annua

## Air Ministry, Meteorological Office.

889.447

RAINFALL at Duckray Vaccey (Ben domono	RAINFALL	at buckay	Vaccey (Ben	Lomond)
--	----------	-----------	-------------	---------

County of Stirling	Observer G. Henshildrood, C.E.
River Basin 1- 701th - Right Bank	J. Comane, to the
Type of Gauge	S. D. Cansin tog C. E (1946)
I Average \$9.2 in based on \$5 years obserun-weig	thted. Period of average 1881-1915 Ref. S.

Diameter	 	8.										
Height		0. 6.						Till				
Altitude												
Year		1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Moans-
January	 	6.95	17.40	10.90	16:55	4.50	5.55	1265	13.25	5.45	(2.50)	96.00
February												
March		1.45	3.60	5.50	3.10	3.65	600	1.80	11.15	6.40	7.20	49 35
April		+25	8.20	5.80	5.50	6.30	270	5.00	2.70	4.30	5.60	50-35
May		8.85	5.10	3.55	5.90	.56	348	2.90	7.05	2.35	1.55	41 25
June												
July	****	690	8.45	7.35	5.20	3.50	9.95	8.15	7.90	415	5-35	73 90
August	 	3.00	3.55	7.70	8.40	5.20	5.50	5.45	4.70	3.40	5-35	52.25
September												
October												
November	 ****	15.60	9.40	4.70	3.50	6.80	5.75	1.95	15.70	15.00	11-50	89.90
December	 	11.40	16.20	2.65	19.80	4.86	13-35	4.55.	8-75	5.70	10.25	9780
TOTALS	 	89.00	92.50	66.10	10470	86.45	79.55	65.80	121-05	81.55	(13.90)	860.60

1940 Junt Feb adf for sum.

Position of	f Station on re 1 mile t	educed Ordi to 1 inch Se	nance Survey Map,	No. of Map	Reference	No
Date.	Lat. N.	Long.	Railway Station,	Distance Direction from gauge	Parish Church.	Distance Direction from gauge
				1 1 1		

 4	4
/	

Station No. 5364 RAINFALL at Duchray Valley (Ben Lonard) County of Stirling Observer J. Coshrone Esq. &E Tas A Booth Esq (1942) River Basin 1- Forth Right Bank General Imanager (1946) Type of Gauge.....

Annual Average Salarin, based on 3.5 years obs. un-weighted. Period of average 1881-1915 Ref. S

							1	File No	o		
Diameter	8"				889	448				8"	
Height	0'6"					1				1-3"	
Altitude	1600				.4	41		100	16-3	1500	
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1-10	(4.80)	10.00	11.50	(400)	11.90	11.50	12.25	11.00	8.35	89.60
February	6:15	(2.50)	10.10	3.80	16.20	7.60	(1-20)	11:30	10.90	8.80	7855
March	2.40	5.00	5.40	1.45	7.55	5.05	(6.00)	10.80	4.65	8.10	56.40
April	415	5.35	8.15	5.35	4.10	3.00	15.50	7.70	11.75	6-70	71.75
May	3.65	6.15	5.35	6-25	7.65	2.20	6.95	3.50	4.50	3-25	49 45
June	1.30	3.25	8.25	7-15	9.50	8.60	7.70	7.40	2.35	3.70	5920
July	470	4.90	4.05	690	6.15	6.90	7-10	9.10	3.90	12.50	69 20
August	8:15	12-60	13:40	6.70	3.50	7.05	0.00	14.65	8.50	12.20	86.75
September	370	4.40	7-90	8.90	11.70	14.50	(0.20	15.60	4.40	21.00	11230
October	9:35	12.55	20.20	9-20	12-25	.90	6.20	15.65		11.25	111 25
November	10:25	2.80	6.40	9.90	1.80	13.90	14.30	7.85	10.55	4.40	8545
December	7:25	10.30	5-15	10-00	7.60				18:45	(4.33)	9173
Totals	62·15	(90.60)	104 . 35	87.10	92.00	90.45	90.90	131 - 35	104.85	10 Y-88	961 63

1942 Jan. Jeb esta. 1945 Jan. est d. for mow.

1947 Febra Mar. est. for suns 1949. Bu Lowered 3192 / 2nd W. Bum a blame 1850 / 1/2 ml S.

1950 Dec. est. by Eng.

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 Direction from gauge	Parish Church.	Distance Direction from gauge.
1949.			loerfozle.	Goods E.	alsofogle.	Inte. E.

A	.M. Form 190	3. <b>A</b>	ir N	/linis	try, l	Mete	orol	ogica			75	38744	1
	RAIN	FALL.	at /	Du	ekro	u Va	ellen	130	Stati	m No	5364	<b>k</b>	51
	County of				7	7	Observe		48	7. 8	enves	Legy, CE	
	River Bas				-Bank	8-1	Ouserve		and the same		CARACTO CO.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	Type of G			0	-pomziyi								
A	nnual Average 25				rs obs. im	-weighted	l. Perio	d of aver	age/	181-19	115	Ref. S	
		2.05	44 "	35 .		within	1921	4-59	File	No	0	9.	
	Diameter	8"				889	448						
1	Height	1'3"					1						
1	Altitude	1500					SI		1.				
1	Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
	January 1	1.65 6	.75	(8.00)	(9.56)	5.20	4.70	13.20	10.60	3:30	5.40		
	February(	4.60)	4.15	(6.50)	(6.62)	4.49	3.10	5-80	3.70	4.50	7.50		
-	March 1	4.30 8	3.40	2.20	6.70	2.11	5.66	10.70	3.50	8.50	3-60		
-	April [	.20 4	1.70	3.60	5.50			4:00	-		11.40		
1	May	3.30	3.35	5.70	5.50			4.30	-		5.70		
	June	1.20 6	00.	2.70	6:20			3.50			5.80		-
1	July (	No.		10.55	5.10			7.90			9.50		
1			90	7.60	8.65			7.85		122	5.30		
1	September		20	12.60	12.90			1.30		-	5.20		
1			1.15	7.30	15.60			3.00	1		6.80		
١	November			18.10	14:20		Total Land	The Party of the P			9.80		
,	December	3.80 6	.40	10.50	17.50	15.20	(1.22	11.20	10.60	(15.50)	4.00		
	TOTALS	M	M	M	M	M.	M	IM	78:35	82.00 M	88.30 M		
		en how	mond	319	2',2.	٠. ا	N.W;	Bein	nal	hain	1820	1, 245.	
	9.11.55 North	spected	by R.	Cranga:	Not pes	sible to	reach go	ruge owir	ng to vis	ibility. C	bserver re	ports good .	
	2	10004		basau	60004				00014	0/0/4			
	2			000014	9000				0-0/4				
	Ľ			-	9000								
1	Position of Station	on Ordno				No. oj	f Map			tional Gr	id Referen	ce 27/4016	oiy

Date.	Lat. N.	Long.	Railway S		m gauge	Paris	h Church.		gauge.
१५४।			Aberta	gie 9.	ય હ	Aber	foyle	90	E
	The state of	A CONTRACTOR			a land			0	
Summary of Earli	er Records j		r Sheets :	1920-30	1931-		1950, P	1	Reject 51 60