

RAINFALL at Duchray Valley, Achaidh Burn.County of Stirling Observer J. R. Sutherland, Esq. C.E.River Basin Forth - Rt Bank Inb-1.

Rain Gauge, by _____

Diameter ...						8						
Height						1	0					
Altitude ...						1200						
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...						8.05	17.20	4.20	9.20	7.65		Totals 16.18 38.25
February ...						14.25	8.30	1.55	18.30	1.55		29.70
March						6.00	1.70	3.85	4.00	4.75		14.30
April						7.10	6.50	2.35	2.00	5.95		16.80
May						1.80	7.55	6.15	4.50	2.60		20.80
June						2.10	3.45	6.10	3.80	5.40		18.75
July						6.70	4.05	2.15	6.75	2.75		15.70
August					# 8.40	4.05	6.20	13.30	7.20	6.75		33.45
September ..					4.60	3.20	3.05	7.00	8.90	9.10		28.05
October ...					4.05	9.75	14.00	14.70	13.70	2.20		44.70
November ..					12.55	4.05	11.75	16.50	12.25	7.35		47.85
December...					(14.90)	10.65	11.60	4.65	11.00	15.50		42.75
TOTALS ...						77.70	95.35	82.50	101.60	71.65		351.10 72.8

wmb D D

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

RAINFALL at Duchray Valley, Achaidh BurnCounty of StirlingObserver J. R. Sutherland, Esq. C.E.River Basin Forth - Right bank tribs. 1.(1926) G. Henshawood Esq. C.E.

Rain Gauge, by _____

W.

Diameter ...	8											
Height	10											
Altitude ...	1200											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.	Totals.
January ...	13.80	17.00	16.30	14.60	11.15	9.70	21.00	13.10	26.15	3.80	16.25	162.85
February ...	16.60	3.20	11.20	12.60	3.40	8.10	11.85	7.50	11.60	4.00	.95	91.00
March	12.30	19.30	4.20	6.20	1.40	3.65	9.80	8.20	13.25	1.95	7.50	87.75
April	4.90	3.20	5.10	6.85	5.90	10.35	4.25	6.90	5.50	2.20	3.55	58.70
May	10.90	7.60	8.40	3.50	9.15	13.00	6.45	4.60	2.30	9.10	5.00	80.00
June	3.70	1.00	4.20	3.20	5.15	1.50	7.60	8.80	8.80	5.90	5.00	54.85
July	7.30	8.55	6.85	8.40	10.70	4.35	5.00	8.15	8.10	8.40	5.10	80.90
August	9.50	11.10	6.70	11.30	6.90	7.40	9.10	11.30	10.70	11.20	12.45	107.65
September...	5.40	4.85	5.80	18.00	11.50	6.30	6.40	8.90	7.10	3.85	6.80	84.90
October	7.75	10.90	5.00	19.55	7.10	11.65	8.90	11.45	15.00	13.15	14.15	124.60
November...	13.20	7.60	7.90	7.60	9.20	2.00	17.50	9.50	13.10	14.00	11.65	113.25
December...	9.80	18.90	11.75	9.10	16.50	7.75	6.85	2.60	10.60	21.90	12.50	128.25
TOTALS...	115.15	113.20	93.40	120.90	98.05	85.75	114.70	101.00	132.20	99.45	100.90.	1174.70
	W	W	W	W	W	W	W			W	W	W

Position of Station on reduced Ordnance Survey } No. of Map _____
Map, 2 miles to 1 inch Series

Reference No. _____

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

RAINFALL at Duckray Valley (Achara Burn)County of StirlingObserver G. Henshawood, C.E.River Basin 1. Forth - Right BankJ. Goringham, D.S.

Type of Gauge.....

S. D. Connors to G.C.E. (1946)Annual Average 9.47 in. based on 18 years obs. un-weighted. Period of average 1881-1915 Ref. Summary
computed x 11/36

Diameter	8.											
Height	1.0.											
Altitude	1200											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	10.00	19.95	11.25	17.70	5.90	8.10	15.30	17.00	7.45	(2.50)		Totals 115.13
February	9.40	10	7.00	2.50	13.15	6.00	7.90	9.55	13.60	(4.00)		73.20
March	2.05	5.10	6.70	4.55	4.30	10.35	2.40	12.20	8.00	8.20		64.15
April	5.30	9.50	6.70	7.10	7.50	3.05	5.30	2.10	4.75	5.60		56.70
May	8.70	4.80	4.10	6.60	.90	3.90	3.20	6.30	2.75	1.90		43.15
June	10.60	4.10	3.80	3.15	9.00	3.70	5.80	11.60	4.90	1.50		58.15
July	6.90	7.95	7.40	5.05	3.65	10.70	8.60	7.50	10.60	5.15		73.50
August	3.30	5.40	9.00	8.35	4.90	6.00	6.50	4.30	4.65	5.20		57.60
September	3.25	5.50	2.05	15.40	13.00	8.55	6.90	11.20	4.95	7.20		78.00
October	8.85	11.75	7.50	16.95	19.30	11.25	5.90	18.50	7.80	15.20		123.00
November	17.80	10.10	6.05	3.40	8.50	6.45	2.00	20.10	(18.00)	13.55		103.95
December	12.60	18.65	2.80	18.95	7.10	15.20	5.10	10.45	(5.70)	11.80		108.35
TOTALS	98.75	100.90	74.35	109.70	97.20	93.25	75.20	130.80	(91.15)	(81.80)		955.40

1940 Jan + Feb adj. for snow.

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

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. 5367

RAINFALL at Duchray Valley (Achaidd Burn)

41

County of StirlingObserver I. Cochrane, Esq. C.E.River Basin 1-Forth-Right Bank9.00 H. Bath Esq. (1942)

Type of Gauge.....

General Manager (1946)
S.D. Cochrane Esq. 1947Annual Average 94.4 in. based on 18 years obs. re-weighted. Period of average 1881-1915 Ref. 5

File No.

Diameter	8"				889	369						
Height	1'0"					1					1'-3"	
Altitude	1200'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	1.30	(8.00)	13.60	12.90	(4.55)	13.45	10.90	16.95	10.55	10.60		Total 102.20
February	10.70	(280)	12.50	3.75	(17.00)	7.00	(1.00)	11.35	10.35	9.50		85.95
March	3.70	5.70	5.50	1.70	7.55	5.10	(6.50)	10.50	4.55	8.10		58.90
April	4.95	8.40	9.30	4.40	4.40	2.80	15.75	6.40	10.30	6.10		72.80
May	3.80	5.20	6.10	6.55	7.85	2.90	6.85	4.20	4.60	3.30		51.35
June	1.80	3.45	8.20	(8.00)	9.60	8.25	7.50	8.25	2.60	3.10		60.75
July	4.20	9.00	5.00	(6.80)	7.15	7.90	7.85	8.55	4.30	12.70		73.45
August	8.80	14.00	14.00	5.90	3.35	6.70	0.00	14.70	7.80	10.70		85.95
September	4.40	14.20	8.80	9.45	11.30	13.30	10.85	15.40	4.30	21.70		113.70
October	9.70	12.80	22.10	9.65	12.35	0.90	5.90	14.90	15.30	12.60		116.20
November	12.40	3.00	5.30	12.50	1.75	13.80	13.70	7.15	11.00	4.50		88.10
December	7.10	10.20	7.40	9.00	10.30	9.85	4.15	17.25	20.80	(14.14)		100.19
TOTALS	72.85	(96.75)	117.80	90.60	97.15	91.95	90.95	135.60	106.45	109.44		1007.54
	M	M	M		M	M	M	M	M	M		

Jan + Feb estd from maps.

1944. June + July approximated.

00014

1945 Jan & Feb. app. 60004

01404 60000

30000

1947. Feb a war app. for trans

1948 Sept & Oct. app. Engineer asked for report on surge in view of increased catch. Engineer says nothing wrong with gauge.

1949. Ben Lomond 3192 ft high incl. S. Cronin a Blower 2077 ft high incl. N.

950 Dec. Est. by Eng. Agreed by M.O. Stirling.

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
1949.			Aberfoyle	12.6	S.E.	Aberfoyle.	12.6	S.E.

BRITISH RAINFALL ORGANIZATION

RAINFALL at Duchray Valley (Achnaich Burn) Station No. 5367
 County of Shirling Observer L. D. Garwin Esq.
 River Basin Fork-Night-Bank-1
 Type of Gauge

51

Annual Average 94.4 in. based on 18 years obs. un-weighted. Period of average 1881-1915 Ref. S
99.73 " " 35 " " 1916-1950 1916-1950 File No. P

Diameter ...	8"				8"							
Height ...	1'3"				1'0"							
Altitude ...	1200'	X			1200'						?	
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	11.35	8.60	6.50	(9.86)	5.60	(5.85)	15.20	12.80	3.80	6.60		
February ...	6.90	4.40	6.00	(6.41)	(4.40)	2.40	6.10	4.25	5.10	(10.40)		
March ...	2.60	9.50	3.10	(5.93)	(2.00)	4.90	10.50	3.60	7.70	4.65		
April ...	6.00	6.30	6.00	5.20	5.25	(2.00)	4.20	4.20	(7.00)	11.80		
May ...	2.00	3.69	7.10	5.20	5.90	6.10	5.10	6.10	1.80	6.35		
June ...	5.40	7.61	2.40	6.00	5.00	5.70	3.20	4.10	4.70	4.80		
July ...	7.50	5.70	11.00	4.90	(1.00)	9.20	7.10	6.80	9.30	8.50		
August ...	11.50	9.10	(7.50)	7.90	(1.90)	10.00	7.50	10.25	4.60	6.25		
September ...	7.50	(6.67)	11.75	13.10	7.00	11.10	6.20	7.90	3.40	4.50		
October ...	3.70	10.70	8.90	14.90	7.20	6.10	10.10	9.70	10.90	7.50		
November ...	14.60	5.00	16.90	16.10	5.15	6.10	3.10	3.20	10.50	12.40		
December ...	14.80	7.00	11.00	17.20	16.10	(4.50)	11.90	12.10	14.10	10.20		
TOTALS ...	93.85	84.27	98.15	112.70	66.50	84.95	90.20	85.00	85.60	93.95		
	M	M	M	M	M	M	M	M	M	M		

1951 Ben Leonard 3192', Ind. S. Achnaich Cruinn a Bheinn 2077', on edge of l. N.N.W.
 1953 aug. ext. gauge damaged.
 9.11.55 inspected by R. Camps: Gauge good except for slight dent in rim.

00104 00204 70004 30604 #4004

Position of Station on Ordnance One-Inch map: No. of Map..... National Grid Reference ZY/369043

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Aberfoyle	12 mi E.S.E	Aberfoyle	12 mi E.S.E

Summary of Earlier Records from 10-year Sheets:

1916-1950, P (2nd) accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	Camp 1914 V.L.S.	✓ W	✓ —	✓ M	