

RAINFALL at Glen Dhu, Duchray Valley.County of Stirling Observer J.R. Lutherland Esq. B.E.River Basin Forth. Rt. bank tribs, 1.

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

Diameter ...					8							
Height .....					10							
Altitude ...					500							
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...						6.95	15.30	3.10	10.05	7.95		Totals 16-19. 36.40
February ...						14.10	9.10	1.45	15.50	1.60		27.65
March .....						4.65	1.85	4.20	3.45	7.55		17.05
April .....						6.60	6.15	2.45	1.75	4.35		14.70
May .....						1.55	6.45	5.80	4.55	2.20		19.00
June .....						2.00	3.50	5.25	2.90	4.95		16.60
July .....						4.70	3.90	1.80	5.15	2.50		13.35
August .....					# 7.60	2.95	5.85	8.40	5.40	5.20		24.85
September ..					4.75	2.20	2.35	6.10	8.70	7.50		24.65
October ...					3.00	8.55	13.00	14.90	12.90	1.70		42.50
November ..					11.15	4.35	10.40	12.80	10.85	6.85		40.90
December...					12.90	9.75	13.30	4.65	9.75	15.80		43.50
TOTALS ...					inf. D.	68.35	91.15	70.90	90.95	68.15		321.15

D

Site selected at 9.11.14. Good flat position at bottom of valley. Hill on all sides, most open to SE.

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

RAINFALL at Duchray Valley, Glen DhuCounty of StirlingObserver J. R. Sutherland Esq. B.E.River Basin Forth - Right bank tribut.(1926) G. Henshelwood Esq. C.E.

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

Diameter ...	8											
Height .....	10											
Altitude ...	500											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.	Total.
January ...	11.20	14.65	12.20	11.25	9.35	8.55	17.45	11.40	25.00	3.50	15.00	139.55
February ...	15.05	2.40	9.90	9.60	2.30	7.95	11.10	6.25	10.55	4.20	.85	80.15
March .....	9.25	14.80	3.85	5.40	1.10	3.10	6.95	7.35	12.00	1.85	6.50	72.15
April .....	4.00	3.05	5.50	6.00	5.15	10.00	4.60	5.10	5.05	1.85	2.90	53.20
May .....	9.80	6.15	7.25	3.20	7.70	11.40	5.70	3.65	2.00	7.00	4.85	68.40
June .....	3.50	.50	3.50	2.60	4.80	1.00	5.70	8.00	8.30	4.70	4.60	47.20
July .....	6.20	6.60	5.95	6.30	9.15	2.90	4.20	6.40	6.30	6.85	5.00	65.85
August .....	7.95	9.85	5.35	10.85	5.50	6.85	7.00	8.45	9.10	9.00	10.55	90.75
September...	5.10	4.35	4.40	12.90	9.20	4.65	5.40	8.10	6.50	3.00	6.35	69.95
October .....	6.10	8.40	4.30	12.60	6.50	9.30	9.90	10.05	13.70	10.80	12.80	105.45
November...	11.00	6.70	6.60	6.05	8.45	1.70	13.45	9.00	12.70	12.90	9.45	98.00
December...	8.70	13.35	9.55	7.45	15.25	6.55	4.10	2.25	10.90	20.90	10.35	107.35
TOTALS...	97.85	90.80	78.35	75.20	84.75	73.95	95.55	86.00	122.10	86.55	88.90	1000.00
	2	2	2	2	2	2	2	2	2	2	2	2

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 (Glen Dhu)County of StirlingObserver G. Heskethwood, C.E.River Basin 1- Forth - Right Bank.J. Gouthard, C.E.

Type of Gauge

B. D. Cameron Esq. C.E. (1946)Annual Average 81.8 in. based on 19 years obs. un-weighted. Period of average 1881-1915 Ref. Summarycompleted X11/36

Diameter	8.											
Height	1.0											
Altitude	500											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	8.00	15.30	10.35	16.90	4.30	7.70	13.10	15.40	7.15	(2.50)		Total 100.70
February	8.00	10	6.35	1.85	11.05	5.30	8.10	8.90	11.30	(3.50)		64.45
March	2.15	3.90	5.35	4.90	3.50	6.50	3.10	7.70	7.45	7.50		52.05
April	4.50	8.85	4.50	5.90	6.75	2.80	4.90	1.45	4.10	4.90		48.65
May	8.40	4.85	3.50	5.45	.95	3.15	2.50	5.70	1.75	1.35		37.60
June	9.30	3.15	3.35	2.50	7.80	3.00	4.95	10.00	4.20	.75		47.00
July	6.00	6.10	6.15	4.45	2.50	8.15	8.00	6.90	8.50	4.55		61.30
August	2.75	4.50	7.10	7.00	4.50	4.70	5.50	3.70	3.00	2.95		45.70
September	2.85	4.40	1.80	12.20	11.10	7.20	7.00	8.60	4.10	5.60		64.25
October	7.90	10.50	6.10	14.45	17.80	10.55	4.00	17.30	5.70	11.60		105.90
November	16.20	9.00	4.65	1.90	7.30	5.75	1.25	17.20	14.60	11.50		87.35
December	10.10	17.00	2.40	15.55	6.10	14.50	5.10	9.15	5.70	11.20		96.80
TOTALS	86.15	87.65	61.60	93.05	83.65	79.30	67.50	112.00	77.55	(67.90)		816.35

1940 Jan &amp; Feb. adj. for snow.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge



Station No. 5365

## RAINFALL at Duchray Valley (Glen Dhu)

41

County of StirlingObserver T. Cochran, Esq. C.E.River Basin 1-Forth-Right BankJas. A. B. Smith, Esq. (1942)

Type of Gauge

General Inauguration (1946)  
S.D. Cochran Esq. 1947Annual Average 8.8 in. based on 18 years obs. un-weighted. Period of average 1881-1915 Ref. S.

File No.

Diameter	8"				889	446						
Height	1'0"					1				1'-3"		
Altitude	500'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	Totals
January	1.00	(7.90)	9.50	(12.30)	(4.00)	14.40	12.50	11.50	9.90	8.60		91.60
February	8.90	(2.60)	10.00	(3.50)	(16.00)	8.20	(1.20)	11.80	10.60	8.30		81.10
March	2.70	5.10	4.30	1.40	7.60	5.20	6.50	9.50	3.40	7.05		52.75
April	3.30	6.00	7.00	(4.60)	3.40	1.85	(13.00)	6.25	9.40	5.80		60.60
May	3.40	6.20	4.90	(5.00)	7.00	2.00	6.50	3.10	4.00	2.75		44.85
June	0.55	3.00	7.30	(5.75)	7.60	6.95	6.35	7.10	2.20	2.80		49.60
July	3.60	5.60	3.70	(5.00)	6.10	6.55	7.00	7.20	2.65	11.20		58.60
August	6.80	12.70	11.60	(4.50)	2.45	5.60	0.00	13.60	6.60	8.30		72.15
September	3.65	12.20	6.50	(7.00)	10.50	12.30	9.00	12.10	3.80	16.00		93.05
October	8.00	9.40	19.50	(8.00)	11.20	.60	5.90	12.85	14.00	(10.90)		100.35
November	10.40	1.40	5.55	(10.00)	1.00	12.80	13.50	6.90	10.50	5.60		77.65
December	6.70	9.80	1.50	(9.50)	8.35	10.80	3.70	14.80	17.60	(3.20)		88.95
TOTALS	59.00	(81.90)	94.35	76.55	(85.20)	87.25	85.15	116.70	94.65	90.50		871.25
	M	M	M	M	M	M	M	M	M	M		M

1942 Jan &amp; Feb added from maps noted ok

24004

00054

1944. exp too much est. monthly totals amended by ref. to sur. stn. annual total unchanged.

Supt. below E with drive minister across gauge altogether, it fails to be collected.

1945 Jan &amp; Feb. estd.

1947 Feb. est. for sur. mar. p. est. &amp; repl. M.O. (4)

1949. high story bldg. 1/2 m. E.

1950 Oct. &amp; Dec. est. by Eng. agreed by M.O. Adm

60004

67774 60004

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 from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1944			Abbotsford	8 1/2 m	SE.	Abbotsford	8 1/2 m	SE.

Station No. 5265RAINFALL at Duchray Valley (Glen Du)alt. 51County of StirlingObserver L. D. Cannon Esq.River Basin Forth - Right Bank -

Type of Gauge.....

Annual Average 81.8 in. based on 18 years obs. un-weighted.Period of average 1881-1915Ref. S85.96 " " 35 " " 1916-1950File No. 1916-1950

Diameter ...	8"				8"		889	446			
Height ...	1' 3"				1' 0"			1			
Altitude ...	500'				500"			51			
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	11.10	7.60	5.70	(9.32)	5.00	6.50	14.50	10.70			
February ...	(4.05)	3.48	4.50	(6.78)	4.50	3.10	5.50	-1.00			
March ...	(4.60)	8.70	2.10	6.50	2.00	4.20	9.00				
April ...	(5.20)	5.10	5.10	4.00	4.10	(2.80)	3.90				
May ...	3.50	2.70	5.20	5.10	4.20	5.50	4.00				
June ...	4.10	6.30	2.10	3.90	4.10	4.70	2.70				
July ...	5.30	4.90	9.50	3.10	(1.20)	7.90	6.90				
August ...	9.00	5.70	6.40	7.25	1.50	8.70	6.70				
September ...	7.00	5.30	9.40	9.15	5.90	8.20	6.10				
October ...	3.00	8.00	6.20	13.50	5.15	5.90	9.00				
November ...	14.20	2.70	12.70	14.00	5.00	4.16	3.00				
December ...	14.20	(7.80)	9.50	15.90	14.25	11.70	11.20	-1.00			
TOTALS ...	85.25	68.28	78.40	98.50	56.90	72.35	82.50	-1.00			
	M	M	M	M	M	M	M	P.R. 60%			

1951 Feb. Mar. Apr. app.

Farm house (single storey) 1/2 mile; Lochan Dubh 100 yds S. Cowan Road, 25 yds N.

1952 gauge leaking in Dec.

9.11.55 Inspected by R. Craigmiles: Suggested move gauge 3/4 mile to W on broken ground 100 yds below road.

1958 n.p. in. Terminated

1960 Terminated in same heap

00404 04004

34000 00014

60000

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 27/406032

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Aberfoyle	8 1/2 W E.S.E	Aberfoyle	8 1/2 W E.S.E

Summary of Earlier Records from 10-year Sheets :

1916-1950, P (Dub) - accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	C imp. 1914	✓	✓	✓ n.p. 44	
	✓	d lost W 30	-	M	

RAINFALL at

Duchray Valley (Glen Dhu)

Station No.

53651

new site

51

County of

Stirling

Observer

S.D. Lamin Esq. C.E.

River Basin

Type of Gauge

Annual Average in. based on years obs. un-weighted. Period of average Ref.

86.8"

File No.

Diameter ...			889	440		8"				X	
Height ...				1		1'3"					
Altitude ...				51		500					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...						-100	14.10	11.10	3.55	7.10	
February ...							5.60	3.60	4.05	7.95	
March ...							9.10	2.60	6.75	4.10	
April ...							3.60	3.60	6.65	10.50	
May ...							4.20	5.60	1.95	5.10	
June ...							3.10	3.10	4.05	4.15	
July ...							7.10	6.60	4.65	7.65	
August ...							6.10	8.60	3.55	5.40	
September ...							6.60	6.10	2.40	4.85	
October ...						-100	9.10	9.60	8.75	6.25	
November ...						4.00	3.10	3.10	10.05	11.75	
December ...						12.60	11.60	9.75	15.95	9.45	
TOTALS ...						-100 imp 2.2	88.38 73.35 7.03	73.35 7.03 M	75.35 M	84.25 M	

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference 27/400934

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

Summary of Earlier Records from 10-year Sheets :

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