RAINFALL AT Stelensburgh Water Works

Gauge Diameterin.	Height above Ground,ftin.	Above Mean Sea Level &	Q5.A.	
First of Clyde ele- 2.			/	
YEAR		1868	1869	MRAN
January			6.80	
February				
March			7.05	
April			1.40	
May		#2.90		
June				
July		2.90		
August		70	170	
September		6.37		
October		3.60		
		5.00	1.90	
November		331	1 1	
December		8.80	6.80	

I	RA	INFA	LL	AT	Ofe	elen	sbr	ngh	n	aser	M
Lat		Rain	Gauge, by	Lon		Co	unty of	Thor	nas.	aser mu	mai
rish of Clyde-	٦.)
Diameter						6					
Height						3					
Altitude2	95					296					
Year 1			1872				1876			1879	MEAN
January5	10	3.30	7.50	7.80	5.92	8.30	5.50	8.30	6.30	1.30	5-93
February2	.80	8.37	6.40	1-45	1.42	1.80	5.80	6.55	2.10	2.80	3.9 y
March	85-	3.65	5:30	1.50	4.70	3.12	6.60	3.40	3.75	5.60	3.94
April	62	5.60	2.10	.39	192	2.18	2.80	5.90	3.35	2.35	2.82
May9.											
June	20	2.35	8.20	3.01	1.02	3.30	3.40	3.80	2.85	5.42	3.333
July											
August											
September3											
October5											
November 2											
December3											
Тотыв 35		190									

1879 Valve house 20ft high 50ft NE

	RA	INF	ALL	AT	Hele	rsbu	rgh	Wa	ter 7	York	21
Lat						Co	unty of	Dun	rbar	ton	
		Rain G	auge, by_			Obse	rver M	497	nur	ray	
tim of clad	le-2.									1	
Diameter	6										
Height	0.3									-6	
Altitude									300		
Year	1000000	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	4.85	.90	5.08	7.90	9:51	4.80	7.85	(4.93)	4.43	4.83	5 508
February	4.45	5.40	5.72	6.38	6.83	634	2.98	(4:55)	1.85	3.94	4-844
March											3.433
April										3.28	2:619
May										3.47	3:072
June										1.40	2376
					6.38					2.02	4-126
August					3:30					8.21	4.259
September					3.38					1-97	4 065
October											3-929
November	6.35	7.90	7.65	7.50	7:57	3.65	5 73	(3.40)	7.00		5 926
					8.82					4-40	5 184
TOTALS	40.04	49.95	61.33	59.79	64:03	4715	51:53	3800	44.87	42.72	(49.94

1880. Established Church 1 mile S. Valve nouse 201- high 50ft NE

1887 estimated from Lyleston & Leven Shypyand wants from Lyleston one,

1012	INTE	Ш	AT_	He	rens						
Lat.				Lon.		Con	enty of	Dum	bart	on	
tim g cen	de - I	_Rain (Jauge, by			Obser	ver J	4.78.	Wilso	n Gg	
Diameter	6										
Height	06										
Altitude	300										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	8.67	3.90	4.30	2.10	6.20	1.82	3-11	1.40	3.72	7.54	4.27
February			2.33								
March	4.03		1.33								
April	1.47		1.21					1.56			
May	2.10	2:10	4.82								
June			4.20								
July	3.79	1.12	2.90	3.63	3.55	4.12	4.78	2-22	1.41	3.08	3.06
August	3.59	5.46	9.20	4.90	4.55	7.39	2.10	5.89	5.98	1.06	5.01.
September			5.93								
October November	3.75	4.40	3.80	6.30	3.20	3.32	2.40	2.69	3.52	3.98	3.73
December			4.63								
	1.19	8.30	2.79	(5 - 75)	4.12	4.80	5.47	4.72	7.38	4.86	(4.93.
Totals	51-34	1.5.86	47.44	6.2.17	65.35	38:37	36.61	1.1.64	1752	115761	44.30

1893 Dec. gauge under repair amount computed

La	4			Lon				Du	_		
	0.0							RI		Engli	
	ead by	quarra	trusic(e	14	r of ce	1de - 2			1	mane	w E181
Diameter	6					12	6				1
Height	6						. 5				
Altitude	300							100			
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS
January	6.14	2.72	3.18	6.50	3.70	3.01	5.70	3.50	5.62	520	455
February					4.68		/	3.41			
March								5.14			
April						1		2.2/	A Commission		F.
May	3.32	1.82	2.62	2.79	3.58	2.19	5.36	4.21	2.45	3.30	3.161
June								4.88			
July								2.80			
September								6.03			
October								1.91			
November.		The second						4.99			
December								3.39			
	1	4.00		10			7 00				

1901 S. Colomba church, mile stow

1909. Ober will place circular fence round each gauge as suggested by Dr. Mill . 28 409.

suggested by Dr. Mill. 28 4.09.
1908 Row Church 2 Miles W
Whenhapt States /2 , S

RA	INF	ALL	at	X	Velens	bus	h	Valu	e Hou		10
unty of					Observer		Jas.	Andr	eur		
ver Basin Fa							().				
		Jauge, by									
ald	l gau	00/									
Diameter	gen	· ·									
Height											
Altitude											
Year	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEAN
January	5.70			4.59							
February				3.21							
March	180			4.46							
April	3.60			4.01	1						
May	1.58			4/58							
June	236			8.84							
July	4.91			2-22							
August	8.91			240							
September	1.69			2 5/							
October	1.70			2.87							
November	3.61			5.64							
December	4.51			4/1							
TOTALS4	+5:20			43.90							

1910. Small- not published.

				1		-		
Date.	ate. Lat. N. Long.		Railway Station.	Distance.	Direction.	Church,	Distance.	Direction.
								8000000
				THE PARTY NAMED IN				

	RAINE	ALL	at	The	la. sl.		9/	1	74.	0	10
C	ounty of Dum						las. A				
I	liver Basin Firth	blyde	thou	al i	7.	9	las. N.	Stirle	ig los	CE ((512)
	Glaisher Rain										
		,,,,									
li li	new g.										
	Diameter 8										
	Height	10									
	Altitude	293 L									
	Year 1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
	January	4.13	5.69	4.59	4/99						
	February	6.44	5.02	3.21	6.22						
	March 26/										
	April 4.50	3.52	1.99	4.01	3.24						
	May 196	2.70	2.69	4-58	2.56						
	June 282										
	July 5.5	4.14	2.58	2:22	3.19						
	August /00										
	September 1.95	2.59	3.94	2:57	2.85						
	October 2:28				20000						
	November 4.20	466	4.33	5.64	7.16						
	December 5.65	7.86	4.32	4:11	8.72						

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911.			Helenoburgh Upper	26 chair	NE.	Helenoburgh	83 chai	us. NE.

RAINFALL at Helensburgh, Value House check g.

County of Dumbarton	Observer Jas. N. Stirling En. CE.
River Basin Frith of Clyde & Cowal . 7	Observer Jas. N. Stirling Con. CE. R.D. Brown, Lag C.C. (15) 2 HM Door Rag Call (6)
Slaisher Rain Gauge by	

Diameter		8								
Height		10								
Altitude		293								
Year 1910	1911	1912	1918	1914	1915	1916	1917	1918	1919	MEAN
January			5.56	4.99	4.94	7.62	3.41	7.05	4.97	23.03
February			4.83	6.22	8.46	6.92	1.65	7.60	2.13	18.3
March		(23.8)	6.42	6.77	3.96	1.86	3.67	2-01	4.00	1150
April					3.76		2.06	-80	3.09	10.8
May			5.05	2.56	1.39	5.45	4.28	3.47	1.23	14-4
June		6.38	3.84	.94	2.11	2.21	4.54	1-83	3.96	12.5
July		2.81	2:72	3.11	4.33	3.0H	2.38	4.54	1.92	11.8
August		5.92	247	6.32	2.39	4.49	6.18	5-30	4.24	200
September		4.33	2.72	2.85	1.95	1.90	3.63	6.63	3.96	16.16
October		7.49	289	2:51	3.61	9.65	8.92	6.93	1.02	26.5
November		5.86	7.51	7.16	3.32	677	10.19	8.37	496	30 5
December		12:13	5.33	8.72	7.47	7.05	4.07	6.69	8.59	26.4
Totals		(4000)	52 40	55.30	47.60	41.02	EL 09	61.22	44.05	222-

ing D D

* Ol- Non Duringand

Date-	Lat. N.	Long.	Railway Station.	Distance-	Direction.	Church.	Distance.	Direction.
1915.	56 0 57	4 43 24	Upper Helensgurgh	570 yes	ssw	Helensbygh	1745 yds	554

RAINFALL at Helensburgh, Valve House

County of Dumbarton Observer J. B. Steeling Esq & E.

River Basin First of Clyde & Cowal 2. Boro Surveyor Helen Engl.

Glaishes Rain Gauge, by

Diameter	5			8-							
Height	10			10							
Altitude	293			293							
Year		1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January	8.56	10.24	7.12	6.45	7.02	6.10	7.48	7.47	13.09	3.02	7.17
February				1							
March			- 1				1000				
April											
May	6.23	3.65	5.38	2.42	5:18	7.88	3.66	3.90	2.49	3.77	2.83
June	2.45	73	2.88	1.55	3.46	1.31	412	5.93	7.62	3.99	3.82
July	3.96	5.86	4.84	4.20	5.63	2.41	3.09	4.72	474	4.95	3.42
August	6.26	8.09	2.89	8.33	471	4.60	5.22	7.88	5.36	7.43	6.96
September	3-91	3.25	3.20	8.68	6.66	4.72	4:20	8.90	5.14	2.09	478
October	3.20	5.45	2.82	8.3/	4.59	5.16	7.95	7.61	8.88	8.20	8.65
November	6.52	5.06	4.89	5.53	5 26	1.17	8.10	6.27	9.50	8.37	7.56
December	5.32	11.37	522	5.70	8.38	4.86	3.95	1.96	6:49	14.08	6.67
TOTALS	12.2		(3. 1.3.	1 540		E3 100	1.1-	60.31	70.00	100 m	67-0

1928. Gange set in hollow in grass of clear of all objects within quite a wide radius.

Date.	Lat. N.	Long.W	Railway Station.	Distance Direction from gauge	Parish Church.	Distance from g	
	56°1'0	H° H 5 25	Upper Helensburg	å 5707da ssw	Helensburgh	1745 700	ssv

Air Ministry, Meteorological Office.

	M-W-R.
rver J.N. Stirling, C	C.E.

nnude Averd	, , , ,			076.117943	yeare oue.	un-worg.			orago				
Diameter			8.										
Height			1. 0.										
Altitude			293.										
Year			1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January			6.49	8.78	641	7.61	3.06	5.83	9.03	8.19	4.22	2.90	62.53
February											6.66		
March	****		1.67	2.89	2.79	3.36	2.28	329	2.35	5.51	4.77	4.69	33.60
April			2.95	461	2.83	3.44	4.10	1.54	271	.86	2.94	3-31	29.29
May			534	3.29	4.06	4.14	.70	2.06	1.59	4-44	1.83	1.05	28 50
June		****	7.07	1.37	2.64	3.25	3.61	1.85	H.30	6.3,0	2.95	72	34.06
July			3.59	3.29	5.03	2.47	2.47	5.41	398	4.87	5.53	3.79	40.4
August									H-22				
Septembe	r		1.49	5.24	.79	6.09	7.89.	375	8.29	5.00	4.82	3.72	42.08
October			438	7.91	3.35	9.76	12.32	7.25	314	10.30	3.20	6.80	68.34
November													
December			5.53	8.99	1.33	8.93	4 86	9.20	3.44	6.44	3.92	6.73	59.37
TOTALS		****	54.28 D.	55-16	4337	57.38 D.	57.76 D	52.62	45 99.	68.27	51.71	46.55	533.09

1931 Gange set in hollow grass blen of objects within quite a under radius 140 Jan part estal.

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

1931. Sectional Later State Sinclair & 5170 ft. N. 20 E.

/1	

RAINFALL at Helensburgh Valve House)

County of Duan bouton Observer J. M. Stirling, Esqu. S. E.

River Basin 2-Fitth of Chycle + Cowal A. B. Rogerisch (Burglingman) 1945

Type of Gauge Stainh &t Sund with 5319

Annual Average 53 Qin. based on 22-years obs. un weighted. Period of average 1881-1915. Ref. B. A. N.

File No.

								File No	o		
Diameter	8"				664	976					
Height	1'0"					1					
Altitude	293					41				100	
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1-35	7.4.4	5.33	8.00	4.32	7.45	6.10	8.84	6.63	5.04	60.50
February	5:27	1.60	6.12	2.54	8.49	4.25	1-61	5.81	5.55	5.77	47.01
March	328	5-33	3.93	1.52	4.09	3.37	4.71	4.97	2.94	3.41	37.55
April	2.57	2:29	4.37	3.62	2.63	2.19	6.81	3.25	6.34	3.31	37.38
May	3.48	3:28	4.52	404	4.94	2.18	5.66	2.02	2.55	1.52	34.08
June	123	2-93	3.52	4-21	4.63	4.18	4.45	4.87	1.06	309	34.17
July	3-58	3-58	3.40	5.20	4.73	4.05	5.25	4.94	4.03	4.05	45.87
August	5.73	5.83	9.53	3.84	2.69	4-01	0.04	7.84	4.81	6.23	50.55
September	1-85	5-98	3-87	5.01	6.38	6.89	5.52	7.54	1.94	10.79	55.77
October	614	794	10.02	5-24	6.67	-60	2.89	11.17	8.11	7.29	66.07
November	5.29	133	3.17	8.23	0.84	6.95	8.95	4.60	5.74	3.42	48.52
December	379	7.65	3.21	5.90	5.90	6.36	3.20	7.29	10.16	3.00	56.46
TOTALS	43.56	55:18	60.99 D	57·35	56.31	52.48 D	55.08 D	73:14	59.86	5992 D	573.87

Position of I	Station on red 1 mile to	uced Ordna 1 inch Seri	nce Survey Map, N	o. of Map	Reference No	
Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
				281. 1		
						- 900 1000

51

Air Ministry, Meteorological Office. 5320 Station No. Value House M. W. R. RAINFALL at Helenshurgh County of Dunbarton Burgh Engineer, Observer River Basin Firth of Chyde + Gowal -2 Type of Gauge Glaisher Annual Average 53.0 in. based on 22 years obs. un-weighted. 1976-1975 1976-1950 File No. Period of average " " 35 " " 1916-1950 57.59 " 8 Diameter lolote 976 10 Height Altitude 293 1957 1958 1959 1960 Means Year 1951 1952 1953 1954 1955 1956 4.79 January 3.23 4.51 7.79 5.37 2:55 ... 6.40 5.61 2.95 7.74 3.35 1.88 4.29 February 4.34 ... 3.43 2 26 2.61 5.53 3.53 2.67 March ... 3.20 6.65 3-11 ... 3.57 4.18 1.34 3-24 1.88 3.39 2.06 2.74 4.96 April 2.89 2.80 3.20 3.66 2.04 3.90 2.56 3.03 2.87 4.55 May ... 2.33 1.70 3.43 4.69 3.48 1-43 2.85 2.69 2.55 3.31 3.76 3.51 2.58 June ... 2.01 3.33 12.53 1:51 1.44 5.37 6.78 4.92 5.52 7.04 July ... 3.67 2.78 6.00 4:17 5.80 4.49 6.21 1.64 ... 3.95 5.01 3.14 August 472 5.43 5.19 3.16 September ... 4 · 32 4.68 1.83 3.55 5.76 8.07 3.24

4.45 5.60

277 2-14

5.31 471

2.34 5.39

3.56

6.06

7.49 681 5.65 8:55 5.12 7.00 8.38 December .. 9.59 5.71 8.78 43.33 48.44 54.87 50.05 44.99 49.62 51.67 47.55 50.16 71-49 had my faulter 2/0/at. gauge some his no comper container , small bottle which will

2.74

5.81

3.54

3.98 10-35

9.05 6.81

1.92

7.59

Indo 15/8 60 4/11/60

October

November ..

National Grid Reference NS(26)303.836 No. of Map .. Position of Station on Ordnance One-Inch map : Distance Direction from gauge. Distance Direction from gauge Parish Church. Date. Lat. N. Long. Railway Station. Summary of Earlier Records from 10-year Sheets: 1916-1950, P- accepted &

1920-30 1931-40 1941-50 1951-60 1910-19 C 12 imp D, or d

(62) Wt. 13072-389 10M 6/50 T.S.