

RAINFALL AT

Loch Fimlas, Apr. W. H.

Lat.

Lon.

County of ...

Apr

Rain Gauge, by ...

Observer ...

J. Wilson Esq. C.E.

Don - 5.

Diameter						5					
Height						1'0					
Altitude						849 ft					
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January						4.73	4.49	5.04	4.97	4.49	
February						6.02	1.85	3.55	1.83	3.05	
March						3.80	3.32	1.43	2.62	3.06	
April						4.29	2.57	2.57	2.31	3.08	
May						2.75	3.99	2.33	3.35	2.74	
June						1.70	1.66	.98	2.36	.79	
July						2.28	3.66	5.10	4.33	4.83	
August						3.67	3.78	3.32	3.32	5.20	
September....						7.78	5.49	4.93	1.85	3.25	
October						6.61	4.84	2.19	3.38	5.71	
November....						3.67	5.18	5.27	9.30	3.46	
December						3.27	6.52	4.71	5.51	6.55	
TOTALS						50.57	46.75	41.36	45.13	46.31	

Gauge on an open moor.

RAINFALL AT *Loch Finlas*

Lat. _____

Lon. _____

County of *Ayr*

Rain Gauge, by _____

Observer *J. Wilson Esq. C.E.*
J. Eaglesham Esq.
J. Young Esq.

Don - 5.

Diameter	5										
Height	1 0										
Altitude	849 <i>M</i>										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	6.85	3.35	4.46	3.04	6.09	.30	2.90	1.39	4.29	6.73	
February	1.43	.45	2.70	5.66	7.94	.57	2.02	4.16	6.80	2.63	
March	3.84	4.86	1.07	2.16	3.08	4.54	5.75	7.53	2.60	4.52	
April	1.62	2.21	1.19	1.06	4.18	3.33	1.61	3.23	4.98	3.23	
May	2.66	3.37	5.25	2.46	3.93	.73	1.15	2.46	3.73	3.32	
June	4.81	1.37	3.49	2.29	3.41	1.09	4.06	4.78	2.78	2.98	
July	5.20	1.67	3.74	5.58	4.25	4.12	5.19	3.35	1.81	3.18	
August	2.80	9.49	6.12	4.18	4.50	4.76	4.05	8.38	4.90	1.93	
September....	5.04	6.29	(5.00)	2.65	.17	1.65	5.76	6.10	4.19	6.17	
October	3.70	9.01	4.49	8.61	5.75	5.21	5.16	3.66	2.79	4.77	
November....	12.03	7.59	5.75	5.12	4.75	6.26	2.26	5.16	7.20	9.24	
December	2.20	7.17	3.26	7.80	5.97	5.42	6.15	10.30	5.30	3.80	
TOTALS	52.18	56.83	(46.52)	50.61	54.02	37.98	46.06	60.50	51.37	52.50	50.857

1892 Sep^r. Gauge tampered with. — estimated

1897 Returns apparently about ten inches too big but Mr. Eaglesham says the gauge is in good order and he can trace no source of error. He quotes large flows over the waste weir.

RAINFALL at Loch FinlasCounty of Ayr Observer J. Young Esq. L.B.River Basin Doon #6 5.Rain Gauge, by Helmut White

Diameter ...	5										
Height	10										
Altitude ...	849 ⁺										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	5.20	5.71	6.88	6.64	5.56	6.54	9.25	1.03	4.97	4.04	192.9
February ...	10.30	9.01	4.60	4.79	7.55	9.23	4.69	1.57	7.56	.85	146.7
March	4.05	1.95	7.65	6.56	7.30	3.41	1.67	2.99	.88	2.91	84.5
April	3.93	5.90	2.45	5.27	5.23	3.75	4.92	2.04	.90	5.16	110.2
May	3.95	4.30	1.90	3.77	3.57	1.18	5.07	3.59	3.48	1.00	13.14
June	1.77	4.12	5.94	4.09	1.23	1.83	1.94	3.13	1.80	5.89	127.6
July	5.25	2.73	3.83	1.37	2.51	4.80	4.86	1.35	3.46	1.29	109.6
August	8.87	2.35	4.11	2.07	4.86	2.74	2.29	4.67	4.41	4.17	155.4
September ..	2.20	3.28	3.62	2.62	2.64	1.83	2.14	4.20	7.60	6.64	205.8
October ...	2.40	5.72	6.58	5.51	2.18	3.49	9.94	9.40	6.89	1.24	274.7
November ..	5.00	7.73	5.51	8.93	7.04	3.15	6.53	7.43	6.60	4.07	246.3
December ...	10.15	11.07	9.62	8.37	9.75	7.57	5.33	3.57	6.96	9.08	249.4
TOTALS ...	63.07	63.87	62.69	60.03	59.42	49.52	68.68	44.97	55.51	44.34	203.45

1913 "None for 1/4 mile or there only low hills"

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1913	55°15'	4°24'	Dalmellington	6 3/4 m	N	Dalmellington	79 m	N

RAINFALL at Lock TinsCounty of Lept.Observer J. Young, Esq. E. E.River Basin 5 DoorWater Eng. Dept.(1916) Scowden Rain Gauge, by John White

Diameter ...	5											
Height	1.0											
Altitude ...	849											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.	
January ...	7.74	10.62	5.99	6.52	6.24	7.29	10.70	7.29	15.10	5.21	10.06	9076
February ...	5.86	2.06	6.10	6.64	2.31	6.09	5.27	2.96	5.66	2.05	.25	4525
March	6.98	9.89	2.84	3.31	1.25	2.35	(4.54)	5.19	8.51	1.02	2.79	4867
April	4.07	1.34	3.18	4.13	2.35	6.16	3.85	4.12	2.86	1.51	3.38	3695
May	4.49	2.72	4.17	3.70	5.04	5.93	(3.91)	3.25	1.22	4.70	1.77	4090
June	2.23	1.11	3.27	3.11	2.55	.96	3.45	4.73	5.67	2.39	2.36	3183
July	2.85	2.72	3.64	4.21	5.24	2.78	3.66	5.97	3.37	4.68	5.32	4544
August	3.98	6.62	4.13	8.41	4.84	4.11	3.77	5.23	6.02	5.93	8.69	6173
September...	2.72	3.15	3.10	9.31	9.60	4.76	3.95	7.90	3.72	1.36	4.93	5443
October	5.63	4.82	3.09	8.96	3.83	7.24	5.78	7.82	10.34	8.66	9.26	7543
November...	2.22	4.43	5.00	6.46	4.00	2.08	6.87	7.69	8.72	9.87	6.94	6528
December...	5.84	10.46	5.10	7.76	8.11	5.62	3.04	2.14	5.65	12.91	5.43	7206
TOTALS...	56.6	59.97	49.61	72.52	55.36	55.37	(58.79)	64.29	76.84	58.29	61.08	66873
									W	W	W	4113

Object nearest - "Vine" ft 4 mile with only low hills.
1926. March & May adjusted by maps.

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	Parish Church.	Distance from gauge	Direction
1920	55° 15' 50" 15'	4° 24' 40" 14' 21" W	Debnollington	64 ft.	N.	Debnollington	72	N.

RAINFALL at Lock FincasCounty of Ays.Observer J. Young, C.E.River Basin 5-DoorThomas O'Reinne Esq., C.E.Type of Gauge Sydney M.O.Annual Average 55.1 in. based on 44 years obs. un-weighted. Period of average 1851-1917 Ref 3

Diameter	6"										
Height	1' 0"										
Altitude	849'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	5.25	7.87	5.18	14.20	8.04	5.53	11.56	8.47	5.14	1.86	68.10
February	5.63	1.0	3.60	8.7	7.17	2.99	5.84	4.74	7.22	2.80	40.96
March	1.28	2.49	3.64	2.49	2.15	4.00	1.55	3.83	6.64	5.57	33.64
April	2.33	3.71	2.16	3.63	4.17	1.31	2.61	.66	2.54	2.90	26.02
May	2.88	2.89	2.90	5.02	.92	1.88	2.26	4.88	.85	2.04	26.52
June	6.66	1.98	2.20	3.22	5.49	2.81	2.78	7.06	3.50	1.37	37.07
July	4.85	4.47	4.16	2.99	3.27	6.20	6.53	6.79	5.40	5.84	50.50
August	1.88	1.75	2.36	6.26	1.66	4.72	2.21	2.65	2.50	2.67	28.66
September	2.30	5.81	1.25	7.02	8.09	4.41	3.61	6.63	2.62	6.18	47.92
October	4.03	9.20	3.09	9.08	9.57	6.38	4.14	11.89	4.50	7.68	69.56
November	10.20	3.91	1.93	1.33	6.93	5.44	1.32	11.16	10.71	7.81	60.74
December	5.38	8.96	.64	10.15	3.94	8.41	3.13	5.82	3.11	7.96	57.50
TOTALS	52.67	53.14	33.11	66.26	86.40	54.08	47.54	74.58	54.73	54.68	54.719

1931. Low hills 1/2 mile distant.
new 5" M.O. gauge Nov. 1926

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
1931.			Dalmellington	6 3/4 m.	N	Dalmellington Tmls.		N.
1937	55° 15'	4° 21' W						

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

Station No. 5257

RAINFALL at Loch Fidas

41

County of Ayr

Observer Thomas O'Beine Esq. C.E.

River Basin 5-Down

Type of Gauge M

Annual Average 55.1 in. based on 44 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No.

Diameter	5"					642	329					
Height	1'0"						1					
Altitude	849'						41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	149	612	935	652	450	798	631	928	642	885	6302	
February	364	257	538	273	691	400	(133)	442	550	556	4104	
March	298	352	285	115	348	233	430	541	236	383	3221	
April	244	296	448	408	299	167	874	408	460	480	4084	
May	439	356	400	339	486	76	440	112	208	204	3060	
June	78	210	534	437	440	289	480	579	132	332	3511	
July	330	527	212	332	481	481	418	346	157	639	3923	
August	747	610	558	390	264	341	20	542	416	808	4696	
September	243	716	361	735	772	905	605	596	260	1360	6553	
October	610	775	1138	678	644	075	212	537	690	552	5911	
November	675	166	475	952	102	834	892	459	888	549	5992	
December	338	1041	344	788	604	702	296	854	1146	247	6360	
TOTALS	4515	5918	6988	6099	5581	5301	5331	6344	5785	6615	57717	218

1947. Feb. corrected for snow 1948 u.p. low. (on further consultation 1948 probably correct. (16.5 5.35)
 1950. Engineer Station gauge found with unchanged.

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.

BRITISH RAINFALL ORGANIZATION

Station No. 5257

RAINFALL at Loch Eilean

51

County of Argyll

Observer James O'Brien Esq. C.E.

River Basin S. Don

Type of Gauge M.O.

Annual Average 55.1 in. based on 44 years obs. un-weighted. Period of average 1881-1915 Ref. S
57.04 " " 35 " " 1916-1950 1916-1950 P
File No.

Diameter ...	5"			642	339						
Height ...	1'0"				1			6"			
Altitude ...	849'				51			on hills			
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	5.20	6.22	3.59	6.06	3.78	3.95	6.68	4.89	3.10		
February ...	4.18	1.82	2.36	3.41	1.59	1.17	4.50	4.45	1.98		
March ...	2.44	2.67	1.07	3.73	1.92	3.39	3.37	1.24	4.16		
April ...	4.29	2.36	2.60	1.52	2.63	1.25	1.98	1.18	4.89		
May ...	2.40	2.34	3.24	3.70	3.96	2.64	1.80	2.50	1.83		
June ...	2.32	3.35	1.48	3.95	2.91	2.91	.89	2.65	3.59		
July ...	2.42	4.48	5.97	4.81	1.72	6.02	5.72	5.46	5.24		
August ...	7.12	4.61	4.55	4.68	1.76	5.93	5.27	4.01	1.18		
September ...	5.04	4.38	7.15	8.31	6.02	3.47	4.05	4.30	1.50		
October ...	0.76	6.24	5.32	9.79	4.15	4.01	5.18	5.23	8.80		
November ...	11.10	4.16	6.86	8.90	4.10	2.53	2.66	2.10	4.16		
December ...	9.78	5.22	5.10	10.23	7.55	5.06	5.51	5.02	8.43		
TOTALS ...	57.05	47.85	49.29	69.09	42.09	42.63	47.61	43.53	51.86		
	d	W	W	W	W	W	W	W	W		

Ins. 14.10.58. G. - very battered - pipe loose. Very old all round - g. on small knoll
 Move 40' NW into small hollow (25/46981). G. was moved to knoll some years
 ago.

1958 1 p. low.
 1959 up check and low.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference NX(25)470.780

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P-accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	✓
		but W 28.30	W 24.34 but - 35.40	Wnp 48.	but d 49.50

Station No. 5257/91RAINFALL at Lock Hills (new site)

51

County of ArgyllshireObserver Lt. O'Brien, Eng. C.E.River Basin Don. S

Type of Gauge.....

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

66.1

File No. 5

Diameter ...				642	328			5"			
Height ...					1			1'			
Altitude ...					51			840'		X	
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...								-100	3.73	5.73	
February ...									2.75	7.33	
March ...									4.76	2.74	
April ...									5.77	5.88	
May ...									1.99	3.16	
June ...									4.21	3.22	
July ...									6.10	4.79	
August ...									1.34	4.21	
September ...									1.90	4.05	
October ...									9.25	3.89	
November ...								-100 #	4.94	10.46	
December ...								5.91	10.19	8.11	
TOTALS ...								-100 Imp	59.96	63.57	
									W	W	

Wsp. 14.10.58

Position of Station on Ordnance One-Inch map : No. of Map 83 National Grid Reference 05/469981

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

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
6198					