

RAINFALL at Kilbirnie (Pundeavon Res.)County of Ayr ObserverRiver Basin Inver & C. 3

Rain Gauge, by

Diameter											
Height											
Altitude											
Year	1899 1900	1900 1901	1901 1902	1902 1903	1903 1904	1904 1905	1905 1906	1906 1907	1907 1908	1908 1909	1909 Mean
January							10.70	4.60	10.53	10.60	
February							6.20	7.10	10.33	4.80	
March							8.10	9.70	8.15	2.40	
April							4.30	3.90	3.42	5.87	
May							9.10	6.55	4.42	4.13	
June							2.20	7.90	4.70	3.85	
July						5.05	5.50	5.60	6.80	9.40	
August						6.95	7.90	11.50	6.60	6.34	
September						6.90	5.40	3.10	11.80	4.70	
October						8.50	10.50	9.20	2.36	11.60	
November						9.65	8.20	7.35	8.80	7.58	
December						9.05	10.65	11.20	7.80	9.10	
TOTALS						info.	88.85	87.70	85.01	80.27	

1905-1909 Rate mp. - Values received from M.O. Edinburgh 29.11.34.

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

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

RAINFALL at Kilbirnie [Pondenven Reservoir]County of Ayr Observer.....River Basin Irvine and C-3

Rain Gauge, by.....

Diameter	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Height	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Altitude	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Year	.....	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919
January	.....	10.30	8.30	6.24	5.20	7.80	9.44	11.14	6.54	9.25	7.31
February	.....	10.50	14.52	6.20	6.50	7.16	7.68	8.32	1.90	10.67	1.70
March	.....	3.70	3.45	10.58	9.47	7.45	6.55	1.87	4.43	3.08	4.66
April	.....	7.20	8.22	4.57	6.21	6.35	6.53	8.57	4.42	1.25	6.80
May	.....	4.90	3.90	2.78	6.20	6.10	1.30	7.64	5.32	3.33	1.66
June	.....	3.30	4.71	8.46	6.90	3.36	3.12	3.43	5.02	4.25	7.75
July	.....	5.31	6.20	4.29	2.73	3.70	7.42	5.10	3.02	5.40	2.60
August	.....	14.65	6.40	6.67	2.90	7.62	4.19	6.68	7.19	6.14	7.40
September	.....	3.90	4.52	4.38	3.65	6.43	3.27	4.44	7.10	9.00	7.60
October	.....	5.50	7.37	9.90	4.73	4.18	4.63	11.20	12.34	11.56	2.23
November	.....	5.30	10.21	10.60	11.56	9.23	4.42	9.45	13.02	9.35	7.16
December	.....	10.30	13.23	14.53	11.40	9.19	8.51	8.78	6.73	9.24	14.45
TOTALS	.....	84.86	91.03	88.20	76.45	77.57	67.06	86.62	76.03	82.52	70.32

1910-19 late v.p. (4-6) values received from M.O. Edinburgh 11/12/33

N.B. Annual average ¹⁹¹⁰⁻¹⁹²⁸ projected from Survey as 10" too High.

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
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RAINFALL at *Millie, Dundee Reservoir*County of *Aberdeenshire*Observer *H. Macgregor Cox*River Basin *Forth & Clyde**169000 sq. miles 3 Springs**Wm. Gray Esq. S.E.*

Rain Gauge, by.....

Diameter												11"
Height												1' 0"
Altitude												898'
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	
January	10.27	12.40	6.77	12.90	9.20	8.51	10.22	12.28	12.75	3.57	11.33	11020
February	12.90	4.10	8.51	6.13	4.20	6.48	8.58	8.78	8.02	3.78	4.40	7138
March	8.34	13.70	3.60	3.70	1.26	4.70	9.17	7.32	6.55	2.66	5.10	6590
April	3.90	3.16	4.56	4.80	3.55	5.20	3.64	8.45	2.85	2.22	2.08	4541
May	10.35	4.87	7.42	4.65	5.82	11.32	4.18	5.17	3.32	6.25	4.32	6767
June	4.40	2.90	5.02	4.60	5.50	1.60	4.68	8.34	8.88	6.68	4.56	5616
July	7.67	8.26	5.42	9.23	6.66	3.17	6.13	5.47	5.86	9.32	4.90	7209
August	10.45	10.80	6.30	11.53	7.19	7.70	5.53	7.28	7.00	10.44	9.24	9346
September	5.70	4.50	7.35	13.80	8.12	6.13	5.78	10.30	6.22	3.68	5.66	7704
October	3.10	8.50	4.83	11.55	6.30	8.90	5.78	11.17	14.28	13.10	14.28	10199
November	9.20	6.12	9.60	9.60	8.60	2.28	7.25	8.00	14.90	12.65	9.43	9763
December	7.80	15.58	8.00	10.02	9.88	6.13	6.08	1.25	8.50	16.91	8.26	9841
TOTALS	94.08	94.89	77.38	102.51	76.28	76.12	77.02	93.81	99.13	89.56	80.76	95784

JTB

*Transferred from Apr/1 to Apr/3 on reallocation
of watershed lines.
1920-28 Received from M.O. Edinburgh, entered 29/12/33*

N.B. Annual average 1910-1928 rejected from Survey as 10" too high.

Position of Station on reduced Ordnance Survey
Map, 2 miles 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
			<i>Millie</i>	<i>2 miles</i>	<i>S.E.</i>	<i>Millie</i>	<i>2 1/2 m.</i>	<i>S.E.</i>

RAINFALL at *Killinie (Punderoon Reservoir)*County of *Arg.*Observer *W. Gray, C.E. by*River Basin *Durie &c.*

Type of Gauge

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

Diameter	11"											
Height	1' 0"											
Altitude	898'											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	10.64	12.67	7.83	9.61	8.15	7.10	9.30	13.90	6.89	3.77	898.6	
February	10.67	10.9	6.67	2.64	10.46	3.92	7.80	6.47	11.90	2.80	634.2	
March	1.45	5.04	5.39	4.50	3.96	5.89	1.47	9.86	8.20	8.45	542.1	
April	4.07	7.60	6.98	4.70	5.10	2.10	4.17	2.03	5.10	4.30	461.5	
May	5.88	4.12	3.91	5.33	1.52	2.77	2.89	6.25	2.05	1.41	361.3	
June	9.69	3.44	4.32	4.02	7.00	3.52	6.50	9.62	4.50	2.05	546.6	
July	7.69	8.48	7.28	6.03	6.42	9.70	7.90	7.40	8.72	3.70	733.2	
August	2.55	4.88	7.11	7.98	3.57	7.20	4.91	5.96	2.71	6.30	531.7	
September	2.75	9.64	1.07	9.84	10.70	7.25	5.36	9.19	5.05	8.80	696.5	
October	8.03	11.63	5.74	15.62	18.41	12.64	3.81	17.33	8.25	7.39	1038.5	
November	10.02	8.34	4.10	4.20	9.78	7.80	1.30	15.18	14.40	12.10	872.2	
December	11.40	11.58	2.72	11.10	6.54	12.37	4.15	7.30	7.33	14.94	894.3	
TOTALS	54.54	87.5	163.12	85.57	91.61	82.26	59.56	110.49	80.10	76.01	821.07	HB

1940 Jan. part. est.

NB. Average 1910-1928 rejected from Survey as 10" too High.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1931.			Killinie	2 1/2 m	S.E.	Killinie	2 1/2 m	S.E.

Station No. 5283

RAINFALL at Kilbirnie (Pundearon Resⁿ)

41

County of Ayr Observer W. Gray, Esq.

River Basin 3 - Irvine & C.

Type of Gauge

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

File No.

Diameter	11										
Height	10										
Altitude	898										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	7.2	11.00	7.90	10.60							
February	4.90	2.95	12.55	4.62							
March	3.60	4.75	5.35	2.50							
April	3.85	3.35	9.25	4.90							
May	4.87	4.10	4.62	6.70							
June	2.80	3.80	7.60	7.30							
July	5.69	8.02	5.11	5.76							
August	8.35	11.60	10.45	5.90							
September	3.35	11.47	6.70	2.49							
October	8.60	14.80	15.40	10.00							
November	5.85	2.49	6.50	11.00							
December	7.30	12.98	5.30	8.05							
TOTALS	59.88 M.	91.31 M.	94.03 M.	86.82 M.							

1941 no objects near to gauge.

1942 7 p.m. set up on better site from 1st Sta. No. 5253/1

1944 n.p. check.

As 82.6" computed for Survey 10/43, on years 1931-42, 10" too big.

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.
1941			Kilbirnie	2 1/2 mi	SE.	Kilbirnie	2 1/2 mi	SE.

BRITISH RAINFALL ORGANIZATION

Station No. 5253/1

RAINFALL at Kilbinnie (Pondarvon Reservoir) 1942

41

County of AyrObserver W. Gray Esq.River Basin 3 - Irvine & CT. W. Leslie Esq. 1942Type of Gauge Bradford

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

START WITH 1944 File No.											
Diameter	5"	6 1/4"	7 1/4"	8"	9"	10"	11"	12"	14"	16"	Means
Height	(from 5253.)	1' 0"									
Altitude	898	41									
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	7.2	11.00	7.90	9.70	4.35	10.15	9.05	9.70	12.95	7.65	8317
February	4.90	2.95	12.55	4.45	11.85	8.20	(1.50)	8.35	9.40	4.52	7167
March	3.60	4.75	5.35	2.38	6.70	4.25	4.70	8.20	5.65	5.31	5089
April	3.85	3.85	9.25	5.13	3.45	4.80	9.10	6.65	12.88	6.74	6520
May	4.87	4.10	4.62	6.68	5.65	1.55	6.10	2.95	4.30	2.00	4282
June	2.80	3.80	7.60	7.47	5.90	5.55	6.55	8.60	1.05	4.45	5377
July	5.69	8.02	5.41	6.00	5.15	7.10	5.75	6.35	3.35	8.70	6152
August	8.35	11.60	10.45	6.23	3.95	4.65	0.01	10.01	8.50	9.35	7310
September	3.35	11.47	6.70	9.45	8.36	14.30	8.60	12.35	4.20	17.60	9638
October	8.60	14.80	15.40	10.20	10.50	.75	4.50	14.05	9.85	8.45	9710
November	5.85	2.49	6.50	11.25	1.50	11.70	11.30	6.60	12.45	5.40	7504
December	7.30	12.98	5.30	8.10	6.90	8.45	6.36	10.45	15.30	3.30	8444
TOTALS	59.88	91.31	97.03	87.04	74.26	81.45	73.52	104.26	99.88	86.47	85510
	M	M	M	M	M	M	M	M	M	M	

1944. Gauge set up 50' N. from old gauge 5253

1947. Feb. est. for snow.

20004

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			Kilbinnie	2 1/2 in	SE	Kilbinnie	2 1/2 in	SE

BRITISH RAINFALL ORGANIZATION

Station No. 525311

RAINFALL at Killybeg (Pundoon Reservoir)

County of Antrim

Observer J. S. H. Jones

River Basin 3-Inch + C

M. J. G. Allen

Type of Gauge Broadford

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

File No.

Diameter ...	5"				64	74					
Height ...	1' 0"					1					
Altitude ...	898'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	9.95	8.75	3.35	(8.00)	3.75	5.70			-100	5.68	
February ...	4.30	4.40	3.80	(7.36)	3.20	2.10				7.03	
March ...	5.42	4.70	1.45	4.42	1.60	2.24				2.70	
April ...	5.30	2.70	2.85	2.75	6.07	1.10				8.60	
May ...	2.30	1.92	2.65	1.50	4.20	3.85				3.30	
June ...	3.30	3.78	2.20	3.10	3.60	2.20				4.85	
July ...	7.45	5.20	6.85	4.55	1.75	4.60			-100	7.20	
August ...	6.80	6.77	4.10	5.62	1.66	3.90			2.65	6.02	
September ...	7.60	4.75	7.50	7.05	5.30	3.70			2.05	5.30	
October ...	2.30	6.70	3.65	10.00	4.70	2.20			10.23	3.76	
November ...	9.85	3.60	8.40	6.75	2.60	2.15			8.54	10.00	
December ...	14.03	8.90	5.98	7.20	4.90	6.30			12.22	11.70	
TOTALS ...	78.60	62.17	52.78	(68.30)	43.20	41.04			-100	76.14	
	M	n.p.	n.p.	n.p.	n.p.	n.p.			n.p.	n.p.	

1952 n.p. low. 506 n.p. 1957 60004
 1953 n.p. low
 1954 n.p.
 1955 n.p.
 Record to be terminated at end of 1956 (f. 518046/56)
 1960 gauge moved from Crosville Res No 1, S/N 5214/5.
 1959 n.p. deck
 1960 terminated w.e.f. 31/12/60.

Position of Station on Ordnance One-Inch map : No. of Map 59 National Grid Reference 26/294577

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Kilbinnie	2 1/2 mi SE	Kilbinnie	2 1/2 mi SE

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - Rejected

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	* C 19+4	
	—	—	11 inch - 35.37-40	M	

Station No. 5253/2

RAINFALL at Killbinnie (Pondraun River 2)

51

County of AyrshireObserver W. J. L. S.River Basin 4 - Dept

Date and Drainage

Type of Gauge Miller's

Engine

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

File No.

Diameter ...				5"		64	742				
Height ...				1.0"			1				
Altitude ...				904			51				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...				8.01	4.35	6.10	7.90	6.60	2.80	5.68	
February ...				7.12	3.85	8.10	4.40	6.14	2.32	7.13	
March ...				4.87	1.70	4.87	9.10	2.30	4.40	2.80	
April ...				4.30	7.40	2.50	3.80	3.20	3.10	8.70	
May ...				4.40	6.80	5.80	3.40	4.50	1.60	3.40	
June ...				7.30	6.00	5.00	3.20	2.40	3.30	5.05	
July ...				7.15	2.40	9.00	7.70	5.40	8.01	7.40	
August ...				9.23	1.75	7.70	7.68	4.30	2.65	5.92	
September ...				11.00	8.16	7.20	5.82	3.95	2.04	5.30	
October ...				13.90	5.60	5.10	10.20	4.10	10.03	3.76	
November ...				12.55	3.80	4.35	3.00	3.90	8.44	10.10	
December ...				12.05	11.73	10.25	5.70	5.98	12.12	11.80	
TOTALS ...				101.88	62.53	70.97	71.90	62.77	60.81	77.04	
				M	M	M	M	npl	npl	M	

1954 New gauge set up 405' S.W. of old gauge 1.1.54.

No objects near.

1st Oct 1957. Site good but on slight rise and may be same o/c. Long
10th N. Use 15th Bradford. Nov 1957 New Bradford set up at new site.

1958 np 60

1960 print

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference 26/294577

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
			Killbinnie	2 1/2 m. SE	Killbinnie	2 1/2 m. SE

Summary of Earlier Records from 10-year Sheets :

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