

RAINFALL AT *Knockdon* *Maybole Glenhead, Old Shading*

Lat.

Lon.

County of *Ayr*

Rain Gauge, by

Observer *Alex. Crossley*

Mrs. G. Muir

Mrs. W. Muir (1908)

1898 - 5.

Diameter ..			8								
Height				1.2							
Altitude ..				500							
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..				6.68	3.94	2.75	4.32	2.03	4.31	3.85	
February ..			1.38	4.84	2.87	3.50	2.65	2.25	2.73	2.91	
March			3.69	7.22	2.22	3.87	3.43	4.27	4.10	3.45	
April			1.13	1.73	3.42	2.81	1.65		1.70	2.75	
May			3.17	4.18	2.69	1.50	4.22	4.20		1.68	
June			1.90	2.64	1.77	1.90	1.41	3.96	2.56	2.57	
July			2.85	3.70	2.79	2.90	3.00	2.43	2.85	6.07	
August			3.66	7.98	6.27	5.00	4.86	3.93	3.85	3.00	
September ..			4.04	3.34	5.90	3.39	1.49	1.19	5.03	1.94	
October			2.37	8.32	2.45	3.59	6.10	6.07	.95	6.96	
November ..			2.80	4.25	5.28	4.18	3.70		4.15	2.17	
December ..			3.19	3.27	3.15	3.61	4.46		3.74	4.27	
TOTALS ..				58.15		39.00	41.29			41.62	

1902 New Met. 8 in gauge a mile from Knockdon Farm +
2 1/2 miles from Maybole Parish Church

1904 July to Nov? Reading much too high. Mr. Crossley evidently some mistake
& the matter will be investigated

1908 May observations lost.

N.B. Annual values rejected from Survey Dept. 1929.

RAINFALL AT Maybole Knockdon Farm

Lat.

Lon.

County of *Ayr*

Rain Gauge, by

Observer *Albert Cross Esq*

Mrs. Muir

Mrs. W. Muir (08)

Don - 5.

Diameter ..	6						4		5		
Height	1.4	1.6					1.3	2.0	1.6		
Altitude			600			344		352		
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..		2.55	4.87	6.98	3.29	2.94	4.21	1.95	4.19	4.01	
February ..		1.89	1.26	4.30	2.90	3.28	2.56	2.10	2.10	3.06	
March		1.72	3.53	6.16	2.11	3.77	3.29	3.75	3.99	2.80	
April	2.32	3.28	1.16	1.65	3.54	2.55	1.52	3.27	1.50	2.80	
May	2.72	1.75	2.85	4.46	2.70	1.44	3.90	3.85	2.42	1.75	
June	1.75	3.40	2.15	2.35	1.08	1.59	1.39	3.76	2.38	2.63	
July	3.19	.82	2.24	3.25	1.77	2.68	2.47	2.25	2.87	6.30	
August	4.25	4.09	2.93	6.17	4.90	4.43	4.90	2.72	3.40	2.75	
September..	2.47	2.74	3.42	2.42	2.05	3.07	1.44	.80	4.37	2.13	
October	5.74	4.47	1.68	7.45	1.67	3.37	5.80	7.30	.89	6.86	
November ..	5.46	4.27	2.23	3.24	3.74	3.91	3.40	3.08	3.71	2.10	
December ..	4.62	4.16	2.95	3.15	3.04	3.54	3.86	4.48	2.70	4.60	
TOTALS ..		35.14	31.27	51.58	32.79	36.57	38.74	39.31	34.72	41.79	

1901 Maybole Church 2 1/2 miles S

Hedge 3' 6" high 7 ft N.W.

1903 Cassillis Station 1 1/2 miles E

1905 Building + tree 30 ft high 6 ft all round

N.B. Annual values rejected from Survey Map. 1929.

RAINFALL at Maybole, Knockdon Glenhead.County of Ayr. Observer Mr. H. MuirRiver Basin Doon ~~th~~ 5.

Rain Gauge, by _____

Diameter ...	8										
Height	1.2										
Altitude ...	500										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.08	3.10	3.18								
February ...	4.85	5.76	2.30								
March	1.83	1.10	4.87								
April	3.50	4.08									
May	2.95	2.94									
June	2.45	2.95									
July	4.49	2.74									
August	4.93	2.08									
September ..	2.61	2.62									
October ...	2.36	4.63									
November ..	3.95	5.16									
December ...	3.77	6.25									
TOTALS ...	40.77	43.41									

N.B. annual values rejected from Survey Map, 1929.

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

RAINFALL at Maybole, Knockdon FarmCounty of AyrObserver Mr. W. Muir
for Ayr Co.River Basin Doon & Co. 5Smarden Rain Gauge, by _____

Diameter ...	5										
Height	2 0			1. 6							
Altitude ...	344		352								
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.07	3.15	2.86	2.89	3.32	4.00	4.26	2.62	3.77	3.72	
February ...	4.94	5.77	2.48	2.00	4.42	4.59	3.76	1.51	5.10	.12	
March	1.71	1.38	5.34	3.40	3.36	1.54	1.00	2.31	1.32	2.45	
April	3.43	3.85	1.69	2.63	3.74	2.27	3.96	1.78	.48	2.01	
May	3.26	2.67	.70	3.00	2.22	1.00	3.60	3.05	2.44	.34	
June	2.35	3.13	4.13	2.48	.88	1.10	1.55	2.93	1.41	5.92	
July	3.88	2.35	1.68	.76	1.91	4.00	3.71	2.19	2.47	.76	
August	4.81	2.05	2.87	1.32	3.71	2.00	3.73	3.93	3.72	3.74	
September ..	2.15	2.52	2.11	2.58	2.35	1.39	1.40	2.34	6.49	4.42	
October ...	2.16	3.96	3.78	2.10	1.56	1.75	5.66	8.00	6.40	.61	
November ..	4.27	5.00	4.78	5.76	4.23	1.42	4.02	7.42	5.06	3.37	
December ...	3.66	5.87	6.60	4.38	4.22	6.29	5.19	2.35	4.69	7.52	
TOTALS ...	39.69	41.70	39.02	33.29	35.92	31.35	41.84	40.43	43.35	34.98	

N.B. annual values rejected from Survey Map. 1929.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			(assellie)	1 1/2 3 m	S S	Maybole	3	S.W.

RAINFALL at Maybole, KnockdonCounty of Ayr Observer Mr. W. MuirRiver Basin Doon - 5

Rain Gauge, by _____

Diameter ...			8								
Height											
Altitude ...			344								
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...				2.54	2.70	3.66	4.16	2.56	3.32	3.46	
February ...				1.78	3.39	4.17	2.77	1.42	4.93	.09	
March				3.03	2.92	1.53	1.95	2.06		2.00	
April			# 1.57	2.15	2.78	1.86	3.66	1.48		1.50	
May26	2.55	1.52	.88	3.43	3.00	2.71	.29	
June			3.14	1.52	.68	.95	1.40	2.94	1.20	5.11	
July			1.36	.68	1.66	3.37	3.50	2.25	2.98	.73	
August			2.44	1.00	3.44	2.00	3.65	3.94	3.58	3.50	
September ..			1.40	2.41	1.75	1.33	1.09	1.95	6.00	3.72	
October ...			2.58	1.16	1.23	1.63	5.39	6.71	7.09	.72	
November ..			3.73	4.66	3.38	1.40	3.85	7.00	4.85	2.90	
December...			5.44	3.84	3.75	6.00	4.93	. . .	4.25	6.31	
TOTALS ...				27.32	29.20	28.78	38.77		45.84	50.51	

1912 not printed. small.
 1914. not printed small.
 1918 not printed.
 1919 — " —

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

RAINFALL at Maybole (Knockdon Farm)County of AyrObserver L. E. 102 Esq.1922 H. Macdonald for
Thos. Cross.River Basin Doon 5-W. Muir (1921)J. Cross Esq. (died 1920)Snowdon Rain Gauge, by

Diameter ...	5-											
Height	1.6											
Altitude ...	352											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	
January ...	5.56	7.10	4.03	3.88	3.91	3.69		6.00			(5.50)	
February ...	6.20	1.57	3.94	3.56	.81	4.95		1.81			(.40)	
March	4.44	6.21	1.21	1.34	1.53	2.37		3.04			2.59	
April	1.89	2.10	1.87	2.83	2.21	3.73		3.72			1.46	
May	5.78	2.25	2.46	3.83	2.97	7.28		2.73			1.26	
June	2.62	7.8	4.01	1.20	2.21	.57		4.83			2.88	
July	4.48	4.74	2.83	4.30	2.54	1.93		2.51			3.70	
August	4.11	6.17	3.09	6.04	5.03	2.63		4.84			6.41	
September...	2.53	2.25	2.27	7.27	5.07	2.67		7.31			4.00	
October	2.00	4.03	2.41	7.02	3.49	3.84		3.71			7.34	
November...	2.51	2.49	2.01	3.72	3.54	1.90		4.90			4.94	
December...	2.96	7.63	4.48	4.02	4.14	4.77		1.04			4.24	
TOTALS...	45.08	47.32	34.61	49.01	37.45	40.33		46.44	N.R.	N.R.	(44.72)	

1910 Record resumed to 1/11/60. Jan & Feb estimated by surrounding stations.

N.B. Annual values truncated from Survey data 1929.

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
			Cassillis	3 mi	S	Maybole	3 mi	S.W.

RAINFALL at Maybole, Knockdon FarmCounty of AyrObserver A. Cross Esq (died oct. 1921)
W. Muir (1921)River Basin Doon 5-

Rain Gauge, by _____

Diameter ...	8										
Height	1 6										
Altitude ...	352										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	5.27	6.80									
February ...	6.00	1.21									
March	4.16										
April	1.61										
May	5.32										
June	2.21										
July	4.16	4.32									
August	4.00										
September...	2.23										
October	1.76										
November...	2.20	2.18									
December...	2.36										
TOTALS...	41.28										

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 Maybole (Knockdon)County of AyrObserver The late Thomas EvansRiver Basin 5-DonA. G. L. Evans Esq. (Doncaster)

Type of Gauge

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

Diameter	5"											
Height	1' 6"											
Altitude	352'											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	5.06	6.54										
February	5.13	.00										
March	.98	3.32										
April	1.48	4.01										
May	2.44	2.17										
June	7.14	2.77										
July	4.64	3.31										
August	1.91	4.03										
September	1.51	5.27										
October	3.57	(5.70)										
November	8.41	3.84										
December	4.03	8.91										
TOTALS	46.30	(49.8)										

1932 October interpolated by M. O. Edin.

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