

# RAINFALL AT

*Colmonell Knockdahan*

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of \_\_\_\_\_

*Argy*

*Swordon*

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

Observer *Mr. A. Og*

*Stinchon 5C-8.*

Diameter ...									5		
Height .....									10		
Altitude ...									140	150	
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...										3.64	
February ...										2.78	
March .....										3.00	
April .....										2.34	
May .....										1.61	
June .....										2.45	
July .....										5.83	
August .....										3.00	
September ..										2.48	
October ...									11.70	6.25	
November ..									4.74	1.57	
December ...									4.78	4.59	
TOTALS ...										39.54	

1908 Colmonell Church 2 miles E  
Inchery Station 5 .. E

RAINFALL at Colmonell, KnockdolianCounty of Ayr  
Stirling Sinclair  
River Basin Loch Ryan + 6. 78Observer Sect. Meteorological Soc.  
meteorological office (1912)  
m. o. Ogg.

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

Diameter ...	5											
Height .....	1 0											
Altitude ...	150				170							
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	2.55	2.74	6.17	6.28	3.18	4.69	3.94	2.73	3.71	4.22	14.60	
February ...	8.29	4.80	3.89	1.87	6.46	8.50	3.91	1.06	5.54	9.9	11.50	
March .....	2.44	1.24	5.15	4.39	5.15	2.16	1.08	2.03	1.25	4.15	8.51	
April .....	3.15	4.12	1.25	3.97	3.33	2.89	3.66	1.93	.70	1.71	7.99	
May .....	2.54	2.74	1.51	3.98	2.22	1.04	3.82	3.89	2.83	1.15	11.69	
June .....	1.38	2.59	7.34	2.90	.85	1.14	1.89	2.76	1.93	4.91	11.49	
July .....	4.41	1.99	1.72	.97	2.82	3.41	3.80	2.05	2.92	1.34	10.11	
August .....	4.98	2.06	4.45	2.00	4.65	1.45	3.19	3.61	3.70	2.88	13.38	
September ..	1.55	1.90	1.81	3.31	1.86	1.16	1.13	2.49	5.11	4.32	13.35	
October ...	2.87	5.40	4.48	3.16	1.82	3.15	6.13	9.57	6.80	1.46	23.96	
November ..	4.21	3.91	4.27	5.82	4.89	1.86	4.78	5.54	5.71	2.99	19.02	
December ...	6.00	10.69	5.86	4.71	3.44	6.74	5.90	4.13	6.49	9.89	26.41	
TOTALS ...	44.37	44.18	47.90	43.36	45.67	38.19	43.52	41.79	46.69	40.01	172.01	111.3

Catharine 13/4/07: good exposure.

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

## RAINFALL at Colmonell, Knockdolian

County of AyrObserver Mr. A. Ggg for Mrs. McConnellRiver Basin Stinchon & C. 8Capt. McConnell

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

Diameter ...	5"											
Height .....	1 0											
Altitude ...	170											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.	
January ...	5.92	6.70	7.15	4.66	5.70	3.85	7.29	6.32	8.23	2.17	7.00	64.99
February ...	3.70	.72	4.50	7.75	1.24	6.12	3.76	2.53	2.95	2.02	.40	35.69
March .....	4.23	6.20	1.61	2.01	.80	1.58	2.03	5.51	6.29	1.13	3.81	34.20
April .....	2.67	1.61	3.83	2.44	2.85	4.07	1.97	2.90	2.49	1.14	2.04	28.01
May .....	3.33	2.25	2.83	2.09	2.78	5.78	2.53	2.59	1.49	4.47	2.00	32.14
June .....	3.09	.83	3.50	1.73	1.96	.56	2.23	3.90	4.39	3.17	2.52	27.88
July .....	3.80	4.74	2.92	4.98	3.18	3.15	3.91	2.49	2.35	2.91	2.59	37.02
August .....	4.33	4.37	3.23	7.62	4.15	2.43	3.95	4.04	4.05	5.25	5.76	49.18
September...	2.41	1.91	2.83	5.96	7.12	3.98	4.61	6.08	3.10	1.48	4.37	43.82
October .....	6.08	4.55	2.13	6.37	2.14	5.01	5.40	4.44	7.94	5.19	6.72	57.97
November...	3.61	3.89	3.39	6.96	4.38	2.61	5.90	5.66	7.07	8.50	5.18	57.15
December...	5.45	6.44	3.63	7.46	5.42	4.81	2.11	1.54	6.10	11.50	4.92	59.68
TOTALS...	48.62	44.21	41.55	60.03	41.72	43.95	45.69	48.00	56.45	49.20	48.31	527.73

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



RAINFALL at Colmoneil (Knockdolian) M.W.R.County of AyrObserver A. J. J. J.Captain McConnellRiver Basin 8- Stinchar &c.D. D. Gordon forMajor D.Captain McConnell (1936)Type of Gauge SnowdonAnnual Average 44.5 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. Baron

Diameter	5"										
Height	1' 0"										
Altitude	170'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	7.07	5.19	3.06	4.85	2.45	5.82	8.17	4.62	3.96	3.18	4837
February	3.64	.08	3.18	.50	4.32	2.59	6.19	2.24	4.01	1.80	2855
March	1.03	2.88	3.12	2.29	1.66	2.15	2.19	.98	4.00	5.44	2574
April	1.43	3.61	1.51	2.63	2.33	.94	2.51	.44	2.03	1.43	1886
May	1.98	2.83	2.01	4.53	.65	3.29	1.10	2.38	1.08	1.74	2179
June	4.40	1.95	2.93	2.18	2.80	2.71	2.49	4.36	1.96	1.48	2726
July	2.55	4.98	3.22	1.91	1.81	5.94	3.43	5.27	3.03	4.83	3697
August	2.16	1.58	4.16	3.56	1.61	4.20	2.71	2.06	3.35	2.10	2749
September	1.96	5.57	1.51	5.97	4.23	4.35	2.49	3.83	2.02	5.79	3777
October	3.57	7.27	3.29	5.66	7.07	4.12	3.98	6.52	3.48	5.04	5000
November	10.38	4.11	2.47	1.31	5.77	4.93	0.99	5.82	5.91	6.07	4776
December	5.50	7.74	2.43	9.56	3.76	5.11	3.61	4.49	2.56	6.06	5082
TOTALS	45.67	47.79	32.89	44.95	38.46	46.35	39.86	43.06	37.39	44.96	42138

1934. Apple tree 12' high 18' S.E. Stevenon screen 5' high 4' N.W. Frames 3' high 15' N.E.  
Wall 12' high 96' S.W.

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
			Pimherry	4' 2m	N.E.	Colmoneil	1 1/2m	N.E.

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

RAINFALL at Colonnell (Knockdolian) Station No. 5268 M.W.R. 41

County of Ayr Observer J.D. Gordon for General (1948)  
 River Basin 8 - Scarra & C Major D. McConnell  
 Type of Gauge Swan

Annual Average 44.8 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B of N

File No.

Diameter	5'				640	103						
Height	1'0"					1						
Altitude	170'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	0.67	5.72	7.01	4.37	3.79	7.34	4.84	7.40	3.94	2.48	4756	
February	3.95	1.71	3.44	1.44	4.63	2.82	.43	2.11	3.55	3.38	2746	
March	2.34	2.97	1.34	.43	2.20	1.54	5.02	3.63	2.49	2.14	2410	
April	1.74	2.37	3.25	2.19	1.18	1.07	4.23	1.51	4.06	3.21	2481	
May	2.40	2.79	2.54	2.67	3.06	.49	3.53	.95	1.71	1.95	2209	
June	.72	.88	3.39	3.44	3.28	1.73	3.25	4.15	.81	2.58	2423	
July	2.84	3.78	1.27	2.45	2.36	3.80	3.43	2.91	1.21	3.43	2748	
August	4.53	4.55	4.59	3.50	1.58	2.82	.06	3.53	3.40	5.01	3357	
September	3.28	5.16	3.15	4.30	5.07	5.68	3.84	4.69	2.86	11.33	4836	
October	4.86	5.50	6.26	5.24	3.21	.48	1.74	5.86	5.65	4.63	4353	
November	4.66	.82	3.39	6.18	.46	6.51	6.05	2.75	4.66	4.39	3987	
December	1.90	7.56	3.36	7.17	4.68	5.48	2.42	6.11	5.28	2.57	4653	
TOTALS	32.89	43.81	42.99	43.48	35.50	39.76	38.84	45.60	39.62	47.10	4095.9	177

G. inspected. Site lies in valley surrounded by hills. G. in garden sloping to S. surrounded by wall 10-12 ft. Fruit trees in garden & large deciduous trees outside. Best available site. G. in good order.

† Inspected 9.49. Bottom gauge fallen out and ~~the~~ delivery pipe is loose. Owner allows gauges to take observations but takes no responsibility for instruments (mean and variance on loan). Observer Ken. New 5" gauge (on loan) to be used.

1949. New gauge installed 9/10/49.

362.49

1950 Rec. adj. for sun.

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. 5268

RAINFALL at Balmoral (Knockdolian)

51

County of AyrshireObserver Major Gen. D. MacConnellRiver Basin S. Strathclyde & C.Type of Gauge ShawdonAnnual Average 44.9 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B & N  
49.73 - - - - - 1916-1950 P

File No.

Diameter ...	5"				640	103				5"	
Height ...	1' 0"					1				1' 1"	
Altitude ...	170"					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	4.49	5.04	1.52	3.77	3.06	2.82	4.23	6.20	1.73	2.94	
February ...	3.40	1.18	1.49	4.13	3.37	.92	3.15	4.27	1.85	5.26	
March ...	3.28	2.15	0.29	4.15	1.36	1.42	3.23	.96	3.79	1.61	
April ...	2.11	1.67	1.58	1.11	2.78	1.13	1.87	1.71	2.65	3.57	
May ...	2.01	1.85	1.93	2.40	2.65	2.06	1.53	1.73	1.63	2.05	
June ...	1.51	2.44	.84	4.07	2.86	2.35	1.29	4.00	2.78	2.02	
July ...	1.98	2.76	4.91	4.31	1.07	3.86	5.30	3.91	2.80	4.51	
August ...	5.55	5.68	2.18	4.37	1.47	5.99	3.14	3.33	1.04	4.69	
September ...	3.06	2.83	6.30	5.35	3.62	3.51	4.92	3.83	2.02	3.90	
October ...	1.04	4.57	4.84	7.59	3.28	3.11	5.50	2.93	6.76	2.83	
November ...	7.81	2.54	6.04	7.76	3.00	2.19	2.10	1.36	4.62	6.82	
December ...	7.46	3.66	4.31	6.37	4.38	5.13	4.76	5.99	6.63	4.51	
TOTALS ...	43.70	36.37	36.23	55.38	32.90	34.49	40.72	40.22	38.30	44.71	
	D	D	D	D	D	D	D	D	D	D	

1956 Xmas issue returned - gone away.

high 1955  
25/3/60 Mr Hamilton - gauge not very firmly set in ground

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference XA25122857

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 40

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓ but - 20	✓	✓	
	-		✓	✓ but d + 9	