

RAINFALL AT

Ayr Doonholm

Lat. _____

Lon. _____

County of _____

Ayr

Rain Gauge, by _____

Observer

J. Kennedy Esq

Don - 5.

Diameter											5	
Height											10	
Altitude											90	
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January										6.05		
February										1.37		
March										3.35		
April										3.07		
May										2.05		
June										1.35		
July										2.82		
August										1.98		
September										4.16		
October										4.45		
November										5.61		
December										3.33		
TOTALS										39.59		

alloway church 1 mile N.W.

RAINFALL AT Ayr Donaholm

Lat. Lon. County of Ayr

Rain Gauge, by Observer J Kennedy Esq

Don - 5.

Diameter ..	5										
Height	10										
Altitude ..	905										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	4.96	2.48	5.21	7.40	3.94	3.03	5.08	2.45	5.14	4.88	4.457
February ..	2.44	1.37	1.09	5.80	2.85	3.23	3.17	2.61	2.79	2.63	2.798
March	22	2.09	3.73	7.50	2.44	3.65	3.39	4.19	4.31	2.21	3.373
April	2.32	3.35	1.04	1.58	4.31	2.63	1.69	2.72	1.39	2.84	2.387
May	2.80	1.40	2.58	3.98	3.28	1.37	3.63	4.02	2.29	1.97	2.732
June	2.15	3.56	1.48	2.27	1.20	1.43	.95	3.79	2.38	2.56	2.177
July	2.89	1.00	2.60	2.79	2.59	2.84	2.87	1.96	3.18	5.79	2.351
August	4.42	4.82	3.10	6.07	5.31	4.12	4.65	3.21	3.71	2.66	4.207
September ..	2.85	3.40	3.89	2.96	3.39	2.90	1.50	.68	4.38	1.75	2.770
October	6.19	4.54	2.56	7.78	2.48	3.47	5.70	6.72	.88	6.23	4.655
November ..	5.26	4.59	2.52	3.37	4.38	3.42	4.02	3.49	4.11	2.12	3.728
December ..	6.04	4.83	3.25	3.81	3.10	4.67	4.47	4.27	3.34	4.93	4.271
TOTALS ..	42.54	37.43	33.05	55.31	39.27	36.76	41.12	40.11	37.90	40.57	40.406

1900 alloway church 1 mile NW
 1900 Ayr Station 3 " N
 open space
 alloway Station 1 mile NW

RAINFALL at *Ayr, Doonholm*County of *Ayr* Observer *J. Kennedy Esq.*River Basin *Doon + E. 5*

Rain Gauge, by _____

Diameter ...	5											
Height	1 0											
Altitude ...	90											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	3.41	4.61	3.21	3.32	4.44	4.10	5.66	2.71	3.65	3.59	15.61	
February ...	5.61	7.08	2.89	2.55	5.18	5.11	3.91	1.70	5.41	.43	11.45	
March	1.61	1.39	5.46	3.93	4.65	1.57	1.84	2.42	1.60	2.69	8.55	
April	3.48	4.43	1.80	2.82	3.68	2.36	3.91	1.69	1.13	1.36	8.09	
May	3.15	2.71	1.59	3.07	2.08	1.10	4.16	3.45	2.31	.87	10.79	
June	2.45	3.06	4.27	3.03	.85	1.22	1.58	2.66	1.13	6.39	11.76	
July	3.66	2.63	1.83	.86	2.20	4.27	3.40	2.30	3.21	.32	9.23	
August	4.88	2.25	3.16	1.32	4.16	2.15	2.43	3.33	3.79	3.18	12.73	
September ..	2.01	3.11	2.26	2.38	2.28	1.80	1.37	2.78	5.99	5.45	15.59	
October ...	2.65	4.42	4.96	2.35	1.74	1.75	6.50	7.85	7.09	.99	22.43	
November ..	4.42	5.63	5.08	6.64	4.71	1.79	4.20	8.14	5.25	4.16	21.77	
December ...	3.41	6.17	8.10	5.42	5.25	5.09	6.48	2.82	5.13	7.74	21.17	
TOTALS ...	40.74	47.49	44.61	37.69	41.22	32.31	44.44	41.87	45.69	37.17	169.17	44.45

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1913 "Open space"

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911			Alloway	1 mile	N.W.	Alloway	1 mile	N.W.

RAINFALL at *Ayr, Doonholm*County of *Ayr*Observer *J. Kennedy* ^{died 5.11.23} ~~H. C. D. S. O.~~River Basin *Doon* *5**Norman Kennedy, 100, Bal. Sila**Brit. Assoc.* Rain Gauge, by

Diameter ...	5											
Height	1	0										
Altitude ...	90											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEAN.	
January ...	5.90	8.47	3.97	3.73	4.49	4.02	4.33	7.13	9.24	1.80	5.60	5868
February ...	5.82	1.03	4.81	3.90	9.4	4.72	4.25	1.86	4.12	2.21	8.9	3405
March	5.04	8.32	1.76	1.62	1.47	1.84	3.23	2.81	2.03	1.02	2.56	3170
April	1.79	1.43	2.08	2.16	2.39	4.36	2.18	3.05	1.72	1.58	1.92	2466
May	5.18	2.47	4.39	2.29	3.97	6.75	2.55	2.52	2.16	2.69	1.34	3631
June	2.41	.82	2.73	1.98	2.51	.45	1.60	4.07	4.25	3.08	2.77	2667
July	3.19	4.45	3.28	3.24	3.08	1.71	3.75	2.18	2.35	4.68	2.49	3440
August	4.61	6.47	2.80	6.28	4.47	2.49	3.00	4.68	3.26	5.64	5.66	4936
September...	2.52	2.64	1.95	6.71	6.69	2.55	3.83	6.63	3.79	1.37	3.88	4256
October	2.64	5.22	2.27	6.05	2.93	3.60	4.69	4.58	5.54	6.06	7.05	5063
November...	3.09	1.97	2.67	4.33	2.91	1.76	4.34	5.32	5.94	5.49	5.46	4328
December...	3.38	7.92	3.31	4.78	4.39	4.71	1.80	.94	3.08	9.14	4.32	4777
TOTALS...	45.57	51.21	36.02	47.07	40.24	38.96	39.55	45.77	47.43	44.76	43.44	48007
	D	D	D	D	D	D	D	D	D	D	D	D

1921. Open space

1925. Oak tree 50' 50' N.
Line tree free from 30yds on.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
1911			Alloway	1 mi	NW	Alloway	1 mi	N.W.

RAINFALL at Ayr (Doonham)County of Ayr Observer Col. N. Kennedy, D.S.O.River Basin 5-DoonType of Gauge Snowdon P.A. (1934)Annual Average 38.8 in. based on 30 years obs. un-weighted. Period of average 1881-1910 Ref. 5

Diameter	5"										
Height	11' 0"										
Altitude	90'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	3.74	5.83	4.42	4.84	2.08	3.97	5.34	6.54	3.01	3.13	4290
February	5.10	02	3.06	69	5.75	1.90	5.17	1.64	5.17	1.56	3006
March	87	2.40	3.47	3.17	2.13	1.90	1.03	3.18	3.76	5.07	2698
April	1.19	3.25	2.19	2.51	3.20	67	1.89	51	2.73	2.28	2042
May	2.28	3.05	2.20	3.62	.77	2.78	1.36	2.88	.78	1.54	2126
June	6.45	1.53	2.41	2.56	3.13	1.94	3.13	4.64	1.96	1.37	2912
July	5.52	3.94	3.60	2.43	1.46	7.95	5.18	4.96	4.74	4.82	4460
August	1.33	2.05	3.62	4.71	2.29	3.83	3.24	2.31	2.59	2.32	2829
September	1.19	5.59	1.13	5.40	5.18	3.88	2.58	4.05	2.00	6.31	3731
October	3.59	5.19	3.12	6.92	8.46	5.35	3.90	7.95	1.31	4.07	4986
November	6.75	4.01	1.81	1.24	4.82	4.24	4.7	5.62	8.29	4.39	4164
December	4.52	7.83	1.57	4.62	3.33	5.47	2.34	2.67	2.22	5.85	4042
TOTALS	42.53	44.69	32.60	42.71	42.60	43.88	35.63	46.95	38.56	42.71	41286

1931. Oak tree 40/50' high, 30' N.

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.			Alloway	1m.	W.N.W.	Alloway	1m.	W.N.W.

RAINFALL at Ayr (Doonholm) Station No. 5262 41
 County of Ayr Observer Col. N. Kennedy C.B.^F P.S.O. D.
 River Basin 5 - Doon
 Type of Gauge B.A.

Annual Average 38.8 in. based on 30 years obs. un-weighted. Period of average 1887-1915 Ref. S

File No.

Diameter	5"				643	087						
Height	1'0"					1				1.2		
Altitude	90'			116		41	104	130		99		
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	0.55	5.18	4.42	5.09	3.87	5.17	3.09	6.74	5.95	4.16	44.22	
February	1.92	1.21	4.33	1.98	5.51	2.80	.29	3.10	4.60	4.13	29.87	
March	2.57	1.94	1.89	.66	2.92	2.18	3.09	4.18	2.25	3.50	25.18	
April	1.63	1.65	3.42	3.28	1.74	1.34	5.11	2.31	5.03	4.44	29.95	
May	3.03	1.86	2.90	2.89	3.79	.91	4.18	.84	2.00	1.80	24.20	
June	1.24	1.98	4.09	4.23	3.75	2.16	3.33	4.74	1.00	2.43	28.95	
July	3.40	2.77	2.36	2.46	2.74	3.72	3.21	3.27	1.51	5.00	30.44	
August	5.33	4.33	4.71	2.99	2.26	2.19	.38	5.37	4.64	3.98	36.18	
September	1.48	5.03	2.79	4.96	5.44	5.34	4.94	5.41	1.49	9.63	46.51	
October	4.69	5.49	6.91	4.67	3.77	.91	1.93	6.30	5.54	4.49	44.70	
November	2.07	.86	2.76	5.88	.49	6.00	7.62	3.52	5.67	3.76	38.63	
December	2.18	5.45	2.26	5.87	2.77	3.95	3.25	4.85	9.51	1.65	41.74	
TOTALS	30.09	37.75	42.84	44.96	39.05	36.67	40.42	50.63	49.19	48.97	420.57	HTB

1941 Trees 60'-70' high 20' N.

Riding low, of 5262. L. little to chin. in 1944 we stated we could not go on printing records with these 6 sides 3 sides. Col. Kennedy does not think the gauge is like.

1.1.45 Gauge moved 80 ft SE. to more open situation.

Oak trees 60-70 ft. high, 30-40 yds. W. and NW.

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			Alloway	1 m	NW	Alloway	1 m	NW

BRITISH RAINFALL ORGANIZATION

643087

Station No. 5262

RAINFALL at Ayr (Doomholm)

51

County of Ayrshire

Observer G. N. Kennedy C.B.E. D.S.O. D.L.

River Basin S - Doon

Maj. B.B. Kennedy

Type of Gauge B.A.

Annual Average 38.8 in. based on 30 years obs. un-weighted. Period of average 1881-1915 Ref. S
42.64 " " 14 " " 1946-59 " " 1916-50 " S
44.2 File No. _____

Diameter ...	5"				643	087						
Height ...	1'0"					1						
Altitude ...	90'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	4.11	6.38	3.03	4.38	3.12	3.21	5.05	4.04	1.37	4.52		
February ...	3.57	2.00	1.39	3.61	1.97	1.06	2.61	3.71	2.16	3.71		
March ...	3.28	1.64	0.85	2.57	1.68	1.85	4.32	.98	2.23	1.86		
April ...	2.66	1.72	1.67	1.38	2.60	1.13	2.89	1.52	1.90	2.68		
May ...	1.92	1.67	2.14	1.83	3.32	2.40	1.76	2.49	1.26	1.67		
June ...	1.68	2.83	.88	4.32	2.95	2.40	2.13	3.58	3.43	2.52		
July ...	2.76	2.70	6.18	4.60	1.89	4.43	4.07	5.25	5.05	2.81		
August ...	4.36	5.80	3.22	4.33	1.96	5.98	3.91	5.85	.80	4.02		
September ...	2.55	2.99	4.94	6.02	4.04	3.54	4.12	3.62	1.79	3.30		
October ...	1.30	3.85	3.24	9.16	2.45	3.59	5.25	2.86	5.71	2.53		
November ...	5.57	2.41	7.16	6.01	1.98	1.85	2.29	1.92	4.61	6.45		
December ...	6.91	4.33	4.39	5.60	5.44	5.39	3.96	4.12	5.92	5.31		
TOTALS ...	40.61	38.32	39.09	53.81	33.40	36.83	42.06	40.94	36.23	41.38		
	D	D	D	D	D	D	D	D	D	0		

1951 Some less 60', 25 yds NW.

Position of Station on Ordnance One-Inch map : No. of Map _____ National Grid Reference NS(26)338 175

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
			<u>Alloway</u>	<u>1 ml. N.W.</u>	<u>Alloway</u>	<u>1 ml. N.W.</u>

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
	✓	✓	✓	✓	
	✓	✓	✓	✓	