

Rainfall at Catrine

aqr.

Y522

aqr - 4.

YEAR - -	1830	1831	1832	1833	1834	1835	1836	1837	1838	1839	MEANS.
January - -	60	85	1.05	6.40	2.10	5.95					3.35
February - -	3.22	1.99	3.15	3.16	5.89	2.30					2.59
March - - -	3.61	4.66	.66	3.45	3.10	4.05					2.90
April - - -	1.59	1.65	2.38	.65	1.05	2.35					.95
May - - - -	1.33	1.05	1.01	1.60	3.55	.01					1.97
June - - - -	2.67	2.75	5.31	3.05	1.40	3.25					2.10
July - - - -	3.80	1.80	1.85	2.08	3.25	6.97					2.70
August - - -	2.91	3.95	4.24	2.76	1.65	4.60					11.95
September - -	2.51	1.15	5.15	3.09	5.10	5.32					5.95
October - -	6.49	6.98	3.56	3.51	3.40	4.65					3.15
November - -	5.57	3.95	5.29	3.69	4.10	4.96					2.23
December - -	3.51	5.72	11.73	2.65	2.75	5.85					2.66
TOTALS -	39.51	37.81	36.50	45.32	36.09	37.34	50.26	39.20	38.88	37.60	
	C	37.91	C	C	C	C	C	C	C	C	

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4 & 6 Stat Account of last 2 Ed. 2-8

Rainfall at Sorne Mansæ

S-W 30

Gabrius

Ayr.

Observer

Authority

Y523

Ayr - 14.

Year

Above sea level

YEAR --	1831	1831	1832	1833	1834	1835	1836	1837	1838	1839	MEANS.
January --	.76	.92	1.40	7.03	2.18	6.50					3.41
February --	3.91	1.95	3.55	3.53	6.60	2.54					2.76
March --	4.15	5.15	.95	4.00	3.30	4.38					4.03
April --	1.95	1.95	2.75	.93	1.20	2.30					1.03
May --	.90	1.00	1.28	1.87	3.50	.00					2.15
June --	2.98	3.25	5.92	3.30	1.60	3.27					2.26
July --	3.74	1.65	2.05	2.33	3.30	8.40					2.75
August --	2.49	4.08	4.53	3.10	1.60	4.80					3.98
September -	2.61	1.75	6.07	3.85	5.11	6.01					6.20
October --	6.70	7.85	3.94	3.95	3.47	4.90					3.41
November -	5.61	4.25	6.06	3.80	4.45	5.40					2.29
December -	4.18	5.70	13.00	2.90	2.83	6.60					2.77
TOTALS -	45.04	39.98	39.50	57.50	40.57	39.14	55.10	41.05	35.40	38.04	
						39.04					

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RAINFALL AT

Caterine

Lat.

Lon.

County of

Ayr

Rain Gauge, by

Observer

H. Pollock
Mfr J Finlay & Co

Ayr - 4.

Diameter ..	6									
Height	10									
Altitude ..	3.01									
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909
										MEANS.
January ..		3.50	3.90	2.50	1.65	3.70	1.51	3.99	4.20	
February ..		.50	2.50	1.48	2.00	1.33	1.89	2.00	3.93	
March ..		3.40	4.70	1.25	3.02	1.90	4.00	3.70	2.00	
April ..		1.40	1.50	3.90	2.25	1.70	2.80	1.47	3.02	
May ..		2.00	3.10	3.60	1.27	4.41	3.39	2.00	1.82	
June ..		1.00	2.20	1.50	1.40	.95	3.37	2.07	2.98	
July ..		2.10	3.20	3.15	4.23	3.05	2.42	3.26	5.70	
August ..		5.30	3.10	6.65	4.75	3.50	4.35	3.77	3.80	3.03
September ..		3.00	3.50	2.70	2.90	3.27	1.80	.90	5.00	2.21
October ..		5.20	2.10	7.40	2.50	3.80	5.30	7.48	.70	6.07
November ..		5.30	1.70	3.50	4.00	3.04	4.60	3.15	3.27	2.05
December ..		4.50	3.90	2.55	1.75	4.30	3.80	3.90	2.52	4.91
TOTALS ..		29.20	43.90	33.28	33.73	36.89	38.48	33.78	41.92	

D D D D D D

1901 Rain gauge out of order prior to Campbell

Son Church 1/2 mile NE

Tree 50 ft high 14 1/2 W

1903 Caterine Church 200 yards N.N.W

Station 400 yards 1/2 mile SE

1904 Caster Mill 50 ft high S2 E

N.T. Annual values repeated from Survey Map 1929.

RAINFALL at Mauchline, Catrine

County of Ayr
River Basin Ayr
Rain Gauge, by Kelvinwhite.

Observer Messrs J. Finlay & Co.
Jas. Struthers

Diameter ...	6										
Height	1	0									
Altitude ...	301 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.51	3.02	2.32	2.07	4.61						
February ...	5.51	5.83	1.90	1.10	4.53						
March	1.63	1.19	4.20	4.40	3.77						
April	3.29	3.50	2.18	2.34	2.02						
May	2.63	1.72	1.50	4.35	2.00						
June	2.50	2.80	3.95	1.94	.50						
July	4.08	2.62	2.12	.75	2.35						
August	5.40	1.93	3.02	1.32							
September ..	1.80	1.61	2.70	1.78							
October ...	1.81	3.50	3.65	1.43							
November ...	2.94	4.40	4.50	3.86							
December ...	4.15	5.98	4.23	2.08							
TOTALS ...	39.25	38.10	36.27	27.42							

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1911. Tree 44' high, 36' W.

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

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911.			Catrine	½ mile	SE.	Catrine	200 yds.	NW.

RAINFALL at Cathkin Bleach works.

County of Glasgow. Observer Master of Finlay & Co.

River Basin Ayr. / M.

Rain Gauge, by.....

Diameter											6"
Height											1' 0" from seawall
Altitude											300'
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January											5.73
February											1.15
March											2.49
April											1.86
May											1.80
June											2.74
July											6.38 4.49
August											6.25 6.27
September											1.97 4.33
October											6.66 6.53
November											5.98 5.78
December											9.91 4.10
TOTALS											166.27 D.

Note. One of our oldest records recommenced

Site inspected by Mr. Clarence 13.9.29.

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	Parish Church.	Distance from gauge
			Muchalline	2½ miles	W 20° N		

RAINFALL at Catrine

County of Ayr.

Observer Treasures T. Findlay & Co. Ltd.

River Basin H-Ayr.

Type of Gauge Standard.

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

Diameter	6"										8"		
Height	1' 0"												1' 6"
Altitude	300'												301
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means		
January	5.30	6.80	3.99	5.38	3.11	3.59	4.30	5.57					
February	4.19	.03	4.53	.90	6.01	1.51	4.27	1.91					
March	.69	3.21	2.74	3.10	2.31	2.20	.93	2.70					6.07
April	1.96	3.69	2.96	2.97	3.02	.65	1.64	.65					(2.17)
May	2.35	2.56	2.81	3.22	.81	1.45	1.40	(2.51)					
June	6.03	1.55	1.70	2.37	5.66	2.09	2.97	3.41					(1.77)
July	4.49	3.53	4.12	3.10	1.88	6.77	3.83	4.65					4.50
August	1.45	1.88	3.37	4.47	2.36	3.67	3.57	3.28					(3.27)
September	1.08	5.33	.67	3.93	4.77	4.49	2.33	3.54					5.63
October	4.20	6.20	3.22	8.35	8.17	5.92	1.59	8.19					4.46
November	5.82	3.76	1.32	1.17	3.98	4.38	.62	7.04					4.28
December	4.68	7.45	1.10	4.69	3.16	6.06	2.10	2.66					6.25
TOTALS	42.54	46.52	32.53	43.65	44.64	42.78	29.55	46.11					np. imp.
	d.												

1933. River 30 yards Trees 30' high 30 yards N. Buildings 20' high 40 yds.

1940 np. imp. Factory buildings 20' high 30' S.

Gauge moved 2-3-40, 120 yds 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	Direction	Parish Church.	Distance	Direction
				from gauge	from gauge			
1940			Catrine	300yds	S. ^W	Corn	2m.	E.
			"	250yds	S.W.	Catrine	600yds	N.W.
						"	440yds	N.W.

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

- 643860

Station No.

5255

RAINFALL at Catrine

41

County of Ayr

Observer Messrs. J. Findlays Co. Ltd.

River Basin Ayr

Type of Gauge Snowdon

Annual Average 42.6 in. based on 7 years obs. unweighted. Period of average 1931-1945 Ref. S.

File No.

Diameter	5"				*	5					
Height	1' 6"					1' 00					
Altitude	300					340					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	(62)	(614)	2.87	5.34	3.69	4.40	3.40	5.03	6.10	-100	
February	1.59	(1.27)	5.30	1.74	5.77	2.61	.16	(2.46)	4.27	-100	
March	2.55	(2.33)	2.52	.68	2.89	1.91	2.48	3.44	2.48	-100	
April	(1.60)	1.04	3.90	3.22	1.55	1.71	5.35	1.79	4.30	3.16	
May	(3.80)	1.63	(3.97)	3.12	4.36	(.83)	3.90	1.37	1.37	1.43	
June	-100	1.39	3.39	3.53	4.46	3.19	3.07	(4.50)	1.17	2.89	
July	-100	3.92	(2.87)	(3.73)	3.57	4.30	3.93	(2.96)	1.40	3.89	
August	5.38	3.90	4.96	3.54	2.30	1.71	0.00	5.82	2.82	3.90	
September	1.03	5.28	2.04	5.16	5.36	6.25	4.46	5.05	1.85	9.02	
October	3.71	6.50	6.98	4.64	4.59	4.46	1.66	(4.98)	5.50	3.19	
November	2.28	(1.00)	3.29	5.83	4.49	(6.38)	(7.31)	3.47	5.50	2.62	
December	2.68	4.29	2.43	4.77	2.47	(3.52)	(3.50)	(3.63)	8.00	5.70	
TOTALS	-100	up.	(38.69)	(14.54)	45.30	41.50	37.27	(39.22)	(44.50)	44.76	-100
			up.	d	d	d	d	d	n.p.	imp	

1941 up imp	1942 up too much estimation	31454
1942 Buildings 20' high	30° S.	
1944 July post estd.		
1946 Buildings 20' high 30° W.	00404	02034 00034
1947 Nov. & Dec. est. 1948 n.p. Gauge moved 200yds NNW. July 1st. Interference from old wire. Total unadjusted by 3mm. 1st 1000000. Stone building 15ft high 30° E.		
1949 N.E. too much east. Gauge broken. June 1949 a Sept-Dec est MOED.		
46004	70024	02404

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	Parish Church.	Distance from gauge	Direction
1941			Catrine	1/4 mi.	S.W.	Catrine	1/2 mi.	W.
1949			Catrine	1/4 mi.	W.	Catrine	1/2 mi.	N.W.

BRITISH RAINFALL ORGANIZATION

Station No. 5285

51

RAINFALL at Betws

County of Anglesey

Observer J. Hindley & Co. Ltd.

River Basin 4 - Ayr

Type of Gauge Snowdon

Annual Average 42.5 in. based on 7 years obs. un-weighted. Period of average 1881-1915 Ref S

File No.

Diameter ...	5"										
Height ...	1' 0"										
Altitude ...	340'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.53	3.68									
February ...	2.65	1.51									
March ...	2.87	1.90									
April ...	1.96	1.25									
May ...	1.76	1.73									
June ...	1.74	2.08									
July ...	1.61	2.47									
August ...	3.45	5.10									
September ...	2.62	2.30									
October87	3.58									
November ...	4.98	2.22									
December ...	5.37	3.16									
TOTALS ...	33.31	30.98									

1952 n.p. low. 164
123Not used for averages
Unreliable. 9/4/22

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

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

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
			Cwmbran 29 ✓ n 63° AP 40 + 35 ✓ v d	✓ 7041-43, 48-50 ✓ v d	