

Rainfall at Braemar

S. G.

50

Herdman.

Observer J. Pearce Esq.

Authority

See - 1. *Guage*

Above Sea Level 1110

YEAR - -	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January - -								3.04	2.35	4.15	
February - -								.87	1.02	2.63	
March - - -								4.09	2.16	2.83	
April - - -								2.54	1.30	3.08	
May - - - -								1.59	2.75	2.26	
June - - - -								2.77	1.47	3.17	
July - - - -								2.28	4.87	1.97	
August - - -								1.56	2.90	1.63	
September -								5.36	1.55	2.50	
October - -							1.03	1.29	2.74	6.23	
November -							1.92	3.37	2.30	4.70	
December -							1.84	3.93	3.46	6.83	
TOTALS -								32.69	27.97	40.06	

7 Ed Phil Jones

Scot Met Soc Rep

c 3. 3. c 3.

+ 2.29
33.6
27.86

3 See P. Met in Scrap Book 1859.

S. S.

Braemar.

Gas Aitken

Aberdeen

Jas Cameron M.D.

2 64

1 63 64

Diam. 8 in. + Ground 4 ft + Sea Level 1110 feet

Dec-1.

YEAR --	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January --	2.78	1.07	4.26	5.91	1.35	3.40	3.30	3.50	4.65	4.71	3.493
February--	2.40	2.45	1.60	1.28	2.35	1.78	3.89	2.23	3.19	2.28	2.345
March ---	3.04	2.80	2.33	1.08	2.21	1.83	3.30	3.66	2.64	1.13	2.402
April ---	1.22	1.36	1.51	2.84	.96	.48	2.16	3.84	2.80	2.41	1.958
May ---	1.85	.90	2.39	1.32	1.69	2.68	1.06	2.35	1.81	.70	1.675
June ---	5.70	4.36	4.25	3.50	2.60	.24	1.49	2.01	.93	2.17	2.725
July ---	1.67	3.82	2.23	.52	1.90	3.52	2.75	4.83	.29	.94	2.247
August --	4.94	4.53	3.84	4.43	1.10	4.18	3.48	1.93	5.58	1.31	3.532
September	1.09	3.84	2.08	3.59	5.14	.12	3.43	2.56	4.14	4.77	3.076
October --	2.80	2.17	4.36	3.77	5.16	4.23	2.54	3.99	2.32	4.59	3.613
November	1.18	4.54	.99	2.25	5.30	2.63	3.35	.34	2.24	2.90	2.572
December	4.69	2.96	4.00	3.62	2.74	4.63	3.71	1.12	6.44	3.75	3.766 +
TOTAL	33.36	34.80	33.84	34.11	32.50	29.72	34.46	32.36	37.23	31.66	33.404

RAINFALL AT *Braemar*

Lat.....

Lon.....

County of.....

Aberdeen

Rain Gauge, by.....

Observer

*Mr. J. Hutton**See - 1.*

Diameter .....	.8											
Height	1		.9									
Altitude	1114											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	.80	.61	6.70	4.48	2.91	4.30	1.61	4.43	1.27	.65	2.776	
February	4.40	3.62	6.16	.87	2.54	.81	2.49	3.03	1.13	1.62	2.667	
March	1.37	2.73	2.62	.69	2.32	1.34	4.31	2.19	1.85	3.51	2.193	
April	2.03	2.65	3.29	1.74	2.42	1.35	2.52	1.93	.82	2.10	2.085	
May	2.66	1.06	3.91	6.18	1.20	1.64	1.22	1.89	2.30	2.12	2.418	
June	1.28	1.90	5.49	2.83	2.45	2.00	3.14	5.76	2.85	3.23	3.093	
July	1.97	3.74	2.38	4.21	4.41	3.53	1.67	3.29	.43	2.96	2.859	
August	4.79	2.49	3.64	2.64	6.79	3.20	2.43	6.29	7.85	4.15	4.427	
September.....	3.68	3.72	5.78	7.27	3.34	4.12	2.55	2.10	5.03	1.81	3.940	
October.....	4.00	4.51	4.83	3.89	5.72	5.54	3.53	6.46	5.01	1.27	4.476	
November.....	2.45	1.70	7.26	4.82	2.56	4.07	2.86	4.69	4.58	2.75	3.774	
December.....	1.95	1.62	7.19	3.16	1.42	4.39	8.70	2.36	2.01	1.51	3.431	
TOTALS	30.38	30.35	59.25	42.78	38.08	36.29	37.03	44.42	35.13	27.68	38.189	

C C C

RAINFALL AT Braemar

Lat. _____

Lon. _____

County of Aberdeen

Rain Gauge, by _____

Observer W. J. Aitken

Dec - 1.

Diameter	8											
Height	0.9											
Altitude	1114 T											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	1.06	.63	2.89	4.75	4.80	2.87	3.17	1.91	3.18	1.68	2.694	
February	4.71	2.32	2.10	6.11	7.74	4.26	1.46	1.86	.49	2.60	3.365	
March	1.56	1.68	4.08	3.26	5.88	1.74	3.10	1.32	2.78	.99	2.639	
April	3.02	1.09	3.42	1.72	2.45	3.80	1.61	1.61	1.35	4.09	2.416	
May .....	.62	2.05	2.51	1.86	1.80	4.62	4.83	1.11	3.39	1.30	2.409	
June	3.07	2.45	4.61	2.63	.80	1.23	1.06	.56	2.75	.74	1.990	
July	4.00	2.89	4.39	3.68	4.93	.84	2.26	1.70	5.64	1.77	3.210	
August	1.23	4.86	1.53	5.18	2.46	4.96	1.37	2.13	1.97	7.57	3.326	
September	2.69	2.54	3.09	4.64	1.93	4.93	3.77	2.98	1.04	1.03	2.864	
October	1.91	6.54	3.22	3.57	4.24	3.26	4.44	2.28	3.02	3.58	3.606	
November	4.42	6.80	5.52	3.04	4.03	3.82	4.17	5.29	6.45	2.28	4.582	
December	2.18	2.67	3.31	2.23	2.44	2.92	1.77	2.35	2.95	1.86	2.468	
TOTALS	30.47	36.52	40.67	42.67	43.50	39.25	33.01	25.10	35.01	29.49	35.569	

1885 : Jan. erroneously printed by R.G.R. as 1.56 in.

RAINFALL AT *Braemar*

Lat. _____

Lon. _____

County of *Aberdeen*

Rain Gauge, by _____

Observer *J. Aitken Esq*

Dec - 1.

Diameter	8										
Height	0 9										
Altitude	1114 T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	8.12	2.13	2.50	1.98	6.37	3.34	1.86	1.76	1.76	2.68	3.250
February	1.38	.23	2.38	3.37	5.68	.93	.83	1.52	2.38	1.96	2.066
March	3.32	2.53	.37	.57	2.79	2.29	2.33	5.92	1.67	2.46	2.425
April	1.81	1.63	.81	1.26	1.63	1.34	1.05	2.51	4.41	4.07	2.052
May	2.16	2.12	2.16	1.07	3.90	.55	.98	2.30	2.02	3.05	2.031
June	2.63	.87	1.87	2.73	2.02	2.67	3.01	4.19	1.27	1.09	2.235
July	3.35	2.93	2.16	3.16	3.07	3.19	3.23	1.76	.87	2.39	2.611
August	3.49	5.18	3.76	2.99	5.53	4.93	1.63	5.06	3.33	1.30	3.720
September....	3.01	4.17	3.26	3.46	.96	1.89	4.01	1.78	2.53	4.92	2.999
October	4.45	4.93	5.51	2.99	3.02	3.41	5.68	2.74	6.43	1.78	4.094
November	5.03	3.45	2.60	3.05	2.10	3.74	1.14	2.23	4.64	6.70	3.468
December ....	.43	4.20	.71	3.82	4.21	4.44	4.51	4.99	5.22	3.06	3.559
TOTALS	39.18	34.37	28.09	30.45	41.28	32.72	30.26	36.76	36.53	35.46	34.510

1860-

RAINFALL AT Braemar Bank

Lat.

Lon.

County of Aberdeen

Rain Gauge, by

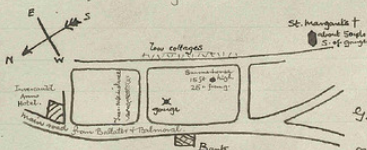
Observer J. Aitken Esq. & A. M. Shirran Esq. (108)Dec - 1.

Diameter ..	8								5		
Height	0	9							1	0	
Altitude ..	1114	7									
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.98	3.25	2.33	4.57	3.65	1.61	2.63	1.61	(2.56)	3.35	3.054
February ..	3.73	1.41	.79	6.74	1.44	2.36	2.87	2.36	(3.56)	.55	2.581
March	2.33	3.27	1.92	6.96	1.35	4.89	2.96	1.72	(4.00)	(7.18)	3.658
April	1.46	2.06	3.37	2.29	2.78	2.59	1.73	3.69	(4.55)	2.70	2.722
May	3.64	2.48	3.48	1.26	2.12	1.65	5.45	3.73	(1.26)	3.07	2.814
June	2.25	2.89	1.69	1.42	1.51	1.41	.77	2.69	.94	1.36	1.693
July	3.45	1.32	1.84	3.42	1.73	2.19	1.20	1.65	2.81	3.05	2.266
August	4.06	3.56	2.73	4.31	3.73	4.02	2.87	3.35	2.25	1.94	3.282
September ..	2.49	2.11	2.06	2.65	2.14	1.97	1.50	.96	3.92	1.38	2.118
October	3.41	3.04	3.18	5.39	1.29	3.85	5.34	4.06	1.33	5.86	3.675
November ..	3.34	2.10	3.15	1.99	1.39	6.87	6.72	3.15	2.57	1.00	3.228
December ..	5.31	4.02	5.30	2.91	(1.87)	(3.67)	2.02	2.29	2.56	1.55	2.33
TOTALS ..	39.45	31.51	31.84	43.9	(25.00)	(24.00)	35.43	37.33	31.53	(31.30)	(33.77)

See note to Cameron

~~Dec 1904 2.00 in. added for Snow (Aberdeen Water 27.11.08)~~

Not after the alteration of vapours the original figures were correct
 1908 May 1-6 est.



G. visited by Hbb. 3.XI.09. It is well placed on a large level grass plot, the surface of which is about 5 ft. above the level of the road.

+ Inspected

1909 March.

5.00 in. added for Snow.

RAINFALL at

Braemar Bank

County of Aberdeen

Observer

A. M. Shirran Esq.River Basin Dee 1

Rain Gauge, by

Diameter ...	5											
Height	1	0										
Altitude ...	1114	T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	4.03	1.44	6.44	4.68	2.88	3.48	4.39	2.50	2.02	(3.18)		9.16
February ...	4.60	3.10	2.90	1.54	4.22	7.89	5.70	.59	4.20	1.09		19.19
March	2.73	2.70	1.96	5.26	4.36	1.82	4.50	2.54	.65	4.51		12.09
April	3.70	2.40	.85	3.46	1.45	2.14	2.16	1.33	1.03	(3.16)		11.58
May	1.25	1.70	1.23	4.11	2.19	.82	2.37	2.73	2.87	1.65		12.20
June	2.42	1.91	2.67	1.61	1.77	2.22	2.19	2.09	.91	1.94		7.08
July	3.51	1.40	2.46	.27	2.12	3.11	4.58	1.73	6.62	.49		9.62
August	5.39	1.14	4.92	1.02	1.88	3.04	3.72	5.44	2.45	1.53		7.13
September ...	.54	.64	2.72	2.22	.84	3.56	1.76	1.59	4.54	2.73		13.42
October ...	4.75	2.48	4.03	2.32	2.23	3.99	6.63	4.38	4.23	2.63		16.62
November ...	2.85	6.90	3.97	2.21	6.02	4.28	6.08	4.51	3.41	6.55		18.8
December ...	4.80	8.15	5.49	2.22	8.81	6.68	3.74	1.22	2.10	5.25		20.52
TOTALS ...	40.57	33.96	39.64	30.92	38.77	43.03	47.82	30.65	35.03	(34.41)	37.40	147.91

1919 cont'd for S.

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

RAINFALL at Braemar BankCounty of AberdeenObserver A. M. Shivan Esq.River Basin Dee

1

1918 A. R. Clark Esq.(1929) M. O. Rain Gauge, by1929 John Sinclair Esq.

Diameter ...	5"			5"								5"
Height	1 0			1 0								10"
Altitude ...	1114		1120	1120								1111'
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1920-1929 MEANS.	SURV.
January ...	4.38	3.59	6.59	4.45	2.09	4.54	5.12	(4.10)	6.63	1.12	4.30	46.91
February ...	3.14	.56	3.15	9.82	2.23	6.37	1.70	(1.05)	1.42	1.09	1.86	31.89
March	4.43	3.90	2.03	1.27	.81	2.30	1.49	2.10	4.93	.31	1.50	25.13
April	2.80	.83	4.09	2.23	1.55	3.50	2.04	(2.85)	(1.09)	1.65	2.41	25.04
May	2.81	2.57	1.42	4.55	3.68	4.30	2.12	(3.14)	(2.80)	2.82	1.20	30.61
June .....	.64	.64	1.30	1.23	1.45	.45	3.41	3.63	2.96	1.47	1.86	18.74
July	2.65	2.29	3.46	2.22	4.30	3.14	.72	(3.66)	1.69	3.91	2.89	30.93
August	3.05	3.54	2.82	5.15	3.47	2.07	1.73	(4.92)	5.64	2.81	5.38	40.58
September...	1.45	1.18	1.95	3.43	4.75	3.37	2.88	4.22	3.82	1.29	5.53	33.67
October	5.03	2.10	1.56	4.06	3.00	3.33	5.93	5.59	4.85	3.72	5.65	44.80
November...	4.09	2.60	1.62	3.33	2.24	2.01	5.99	3.01	3.49	3.58	3.69	35.65
December...	4.96	3.01	3.56	3.47	7.10	4.57	.36	(2.93)	2.99	8.50	4.55	46.00
TOTALS...	39.43	26.81	33.55	45.21	36.67	39.95	33.49	(41.20)	(41.49)	32.27	40.08	410.15
	D	D	D	D	D	D	D	D	D	D	D	

1926. Record appears low in a number of months, especially in July & December. The percentage of the average is also much smaller than that at adjacent stations. Observer to be asked to ensure that gauge does not leak.

1927.. Low, not printed, gauge leaking.

Accept.

Position of Station on reduced Ordnance Survey } 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
1929.			Ballater	17m.	E.	Braemar	50 yds.	N.E.

RAINFALL at Braemar (Bank) M.W.R.County of AberdeenObserver C. H. SinclairRiver Basin 1-DeeThe Comptrollee Co. (1933)Type of Gauge M.O.R. A. Lees (1937)Annual Average 35.4 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B. 1

Diameter	5.											
Height	1.0											
Altitude	1111											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	SUMS	Means
January	4.27	5.30	4.51	3.80	2.39	4.24	13.41	5.23	3.27	1.32	47.76	
February	2.14	.18	3.34	4.44	3.25	2.00	3.85	2.20	3.77	1.09	22.26	
March	1.59	2.04	1.57	2.65	1.54	1.48	4.13	.88	3.22	2.43	21.53	
April	2.96	3.73	1.67	3.96	4.44	.83	1.11	.47	1.42	1.68	22.27	
May	3.21	3.76	1.47	2.99	1.22	2.43	2.28	2.83	.77	1.17	22.13	
June	2.65	1.17	1.54	1.39	2.91	.97	1.11	4.93	2.03	.45	19.15	
July	4.10	3.78	2.69	4.11	.68	3.14	3.14	4.01	4.52	5.51	35.68	
August	3.04	.82	1.09	4.52	2.61	1.50	3.22	1.71	2.78	2.14	23.43	
September	1.22	2.65	2.29	2.94	3.66	3.03	1.49	3.05	1.73	1.63	23.69	
October	2.38	8.17	6.46	4.41	6.47	3.04	2.70	5.55	6.88	4.43	50.49	
November	6.69	2.55	3.85	1.52	4.76	2.98	.65	5.57	5.50	5.89	39.96	
December	2.88	5.61	1.14	4.23	1.73	4.09	2.73	3.30	1.28	3.33	33.32	
TOTALS	34.13	39.76	31.62	39.96	35.66	29.75	39.82	39.73	37.17	31.07	361.67	
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	

1934. Trees 30'-50' high 15 yds. various. Benches 20' high 20 yds.

1937. Trees 40' high 60' - 300' N.E. & S.W. Benches 20' - 40' high 100' - 50' S.E. N.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
1931.			Ballater	16m	E. NE	Braemar	50 yds.	N. W.
				18m	E		75 yds.	N.

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

RAINFALL at Braemar (Bark) Station No. 5628

41

County of Aberedeen Observer R. A. Lees Esq.River Basin 1-DeeType of Gauge (D) New gauge on ins. beam 9.49.Annual Average 35.4 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B of N.

File No.

Diameter	5"				843	623					
Height	1' 0"					1					
Altitude	1111'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	SUMS Means
January	35.1	3.66	4.43	3.08	5.15	3.37	4.01	5.08	2.84	1.74	36.87
February	3.60	1.43	2.88	2.15	2.39	2.80	2.71	4.10	2.47	3.99	28.52
March	0.90	1.85	1.62	.98	1.21	1.69	4.32	2.12	2.11	2.27	19.07
April	1.56	1.84	2.33	1.67	1.31	.69	6.37	1.62	2.28	4.11	23.78
May	2.78	3.57	3.13	2.26	4.67	2.31	3.45	3.52	1.79	1.43	28.91
June	31	1.04	1.71	2.59	2.68	2.43	2.25	5.20	1.26	1.20	20.67
July	2.42	2.09	.91	1.54	2.27	4.11	3.06	2.20	1.59	4.26	24.45
August	3.82	2.71	2.79	2.31	2.36	4.21	4.8	5.75	3.06	3.58	31.07
September	1.51	3.14	3.61	4.11	4.18	4.86	3.41	2.59	1.75	6.62	35.78
October	4.02	3.47	4.87	5.50	3.55	.30	2.23	2.30	3.23	2.02	31.49
November	6.76	.91	3.36	6.14	1.12	6.71	3.48	1.17	3.95	3.51	37.11
December	2.69	4.77	1.45	3.99	7.59	4.15	2.03	6.48	4.87	1.84	39.86
TOTALS	33.88	36.48	33.09	36.32	38.48	37.63	37.80	42.13	31.20	36.57	357.58
	D	D	D	D	D	D	D	D	D	D	

40004

Inventory acceptance 1949 "Outer container worn & damaged" but only measure is on beam
New 5" gauge (purchase or loan) suggested to M.O. Edinburgh. 8.3.49.

321.01 ✓

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

RAINFALL at

Braemar (Bank)Station No. 5628

M. W. R.

51

County of

Aberdeen

Observer

R. B. Lees Esq.

River Basin

Dee - 1

Type of Gauge

N.O. (on loan)
New MK II 16.4.52.Annual Average 35.4 in. based on 55 years obs. un-weighted.

Period of average

1881-1915

Ref.

M. W. R.36.49 " " " " " 1916-19501916-1950

File No.

Diameter ...	5"				843	623						
Height ...	1' 0"					1						
Altitude ...	111'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	3.31	2.73	1.01	2.29	1.45	3.79	3.30	3.77	2.22	4.88		
February ...	4.82	1.24	1.37	3.01	3.65	2.27	2.93	3.30	0.39	3.57		
March ...	2.37	1.93	.65	2.51	2.03	2.34	2.29	2.11	1.93	1.12		
April ...	3.90	1.63	2.49	1.96	.82	1.58	1.29	1.27	2.65	2.87		
May ...	1.72	2.99	2.62	4.73	2.05	1.22	1.09	(3.50)	1.20	1.33		
June ...	1.22	1.86	3.19	1.96	1.04	2.21	1.60	3.15	2.07	1.27		
July ...	2.24	0.96	3.35	2.30	.74	2.99	4.33	3.53	2.79	2.55		
August ...	4.33	3.17	2.03	2.88	.88	6.64	4.52	3.20	1.53	5.44		
September ...	1.82	1.73	3.06	2.86	1.65	4.36	2.67	3.25	0.64	3.39		
October ...	1.10	5.34	2.18	6.04	3.25	2.51	1.95	2.10	5.09	7.63		
November ...	8.02	3.06	3.01	7.12	1.54	1.22	1.32	.62	6.43	3.99		
December ...	3.84	4.4	4.11	6.27	5.79	5.55	2.89	(4.97)	6.18	2.82		
TOTALS ...	38.69	30.75	29.07	42.93	24.79	36.68	30.08	35.77	33.12	40.86	34.27	
	D	D	D	D	D	D	D	D	D	D		

Map M. Thomson 16.4.52. New MK II gauge installed 20.4.52. enclosure.

Map M. Thomson 25.4.55. No change. Lines left but no line of removal.

12.6.55. Change of Observer - Mr. Donaldson via R.A. Lees. - Full 16 N 1/2 gauge.

1958 May est. Mas. Rain days 243

Wet days 173

00019

NRA 27/12/54 - non-removing

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference No. (37) 151 912

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

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	
	D12-19	✓ but d'24-28	✓	✓	