

RAINFALL AT

Palomot Vellore

Lat.

Lon.

County of

Stirling

"Zero setting"
forth Ribank - 1.

Rain Gauge, by

Observer

C. Stirling

W. Brown Esq

Diameter ...									8	[8]
Height									4.6	
Altitude ...							330		32.0	ft
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	MEANS.
January ...							2.50	4.50	4.34	
February ...							2.70	1.66	1.41	
March							2.80	3.64	3.12	
April							1.10	.67	2.76	
May							2.60	2.61	2.53	
June							4.30	1.67	1.93	
July							2.90	2.78	3.50	
August							4.30	2.96	2.40	
September ..							1.10	3.85	1.34	
October ...							7.62	1.87	4.73	
November ...							1.46	3.02	1.69	
December ...							4.10	1.55	4.05	
TOTALS ...							37.38	30.28	33.80	

1908 Muriavonside Church 1/2 mile E

Mannel } Station 1/2 " E
Palomot } Station 2 " NW

House 2 Story 40 yards E

Tree 60 ft high 15 " E

RAINFALL at Polmont, Vellore

County of Stirling Observer W. Brown Esq.

River Basin Firth - Right bank trib. 1.

Recording Rain Gauge, by
1918 Blaisher

Diameter ...	[8]										
Height	4 6										8
Altitude ...	320 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1918-19
January ...	3.86	2.07	1.49	2.17	2.76	1.67	4.71	1.19	3.60	2.93	
February ...	2.75	4.49	2.30	2.61	2.92	2.72	4.16	.55	5.22	1.68	
March	1.66	1.67	3.38	3.68	3.49	1.76	2.27	1.31	1.46	2.83	
April	3.07	1.38	.88	2.58	1.83	1.85	2.38	.82	.83	1.80	
May	1.62	1.10	1.14	1.28	2.33	1.42	4.71	1.73	2.73	.97	
June.....	.80	1.81	4.98	2.36	.59	1.69	2.57	2.02	.57	2.12	
July	2.74	1.86	2.13	.96	3.98	3.26	3.29	2.36	2.76	.93	
August	4.70	1.97	4.10	.82	2.25	3.79	3.32	3.80	2.08	2.32	
September ..	.44	1.38	2.25	2.20	.87	1.87	1.13	1.63	5.27	2.71	
October ...	1.78	3.36	2.92	1.51	1.56	2.42	5.34	2.51	4.92	1.19	
November ..	2.68	5.63	2.96	4.17	4.19	1.33	2.87	4.38	2.56	5.09	
December ...	1.83	3.30	6.35	2.55	4.70	3.93	1.79	4.45	2.79	4.17	
TOTALS ...	27.93	30.02	34.88	26.89	31.47	27.71	38.54	26.75	34.79	28.14	
	D	D	D	D	D	D	D	D	D	D	

1911. Trees 60' high, 45' E.
1913 House 2 Storey - 40 yds E.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911			Polmont	2 miles	NW.	Muiravonside	½ mile	E.
1911	54	4	Manuel	1½ "	E.			
1917	56	4 E						
18	58	4 E						

RAINFALL at Polmont, Vellore

County of Stirling

Observer W. Brown Esq (late)

River Basin Forth - Right-bank trib. 1

R. M. W. Brown (1922)

Copper Glaisher Rain Gauge, by

1922 Standard

MO gauge (1928)

Diameter ...	8		8						5		
Height	0.8		0.8						1.0		
Altitude ...	320		320								
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	4.44	6.12	3.47	3.34	(3.46)	4.44	5.15	4.75	8.15	1.20	5.08
February ...	4.60	6.0	2.40	3.47	.65	3.94	4.74	2.35	5.20	1.40	7.75
March	3.15	4.75	1.73	1.34	.94	1.11	3.40	2.82	2.66	.38	2.68
April.....	1.70	1.16	1.72	2.50	1.59	5.84	2.04	1.85	1.24	1.77	1.74
May	3.82	1.64	2.52	1.33	4.95	5.66	3.13	1.93	1.92	2.26	1.61
June	1.26	.43	1.70	1.40	2.09	.40	3.02	3.97	5.15	2.32	2.19
July	3.78	2.73	3.83	3.01	2.90	1.29	4.38	5.97	2.43	2.73	3.08
August	5.14	5.89	1.78	4.81	2.75	3.63	2.19	7.25	4.37	4.57	4.70
September...	2.01	2.03	1.89	3.74	3.49	4.11	3.31	8.25	3.11	.80	3.96
October.....	1.00	4.15	1.65	3.95	2.68	2.98	5.06	5.35	5.02	4.14	4.81
November...	3.70	1.96	1.78	3.13	2.02	.59	6.12	3.39	4.49	5.24	4.16
December...	3.27	5.35	3.43	2.87	4.77	2.98	1.16	1.95	3.56	6.17	2.77
TOTALS...	37.87	36.81	27.90	34.89	(32.29)	36.17	43.70	49.83	47.30	32.98	36.43

1920. Trees 60 ft. High 10' 7" ds. E. ? by by by

House 2 Storey 40 "

1920. Come for snow in Jan.

1927. Gauge moved Jan. 1st 50' 7" ds. S. least

Pear Tree 5 ft. high 4' 7" N.

Hedge 4" " 20 " E.

Post & wire fence 32" " 4 " S.

Position of Station on reduced Ordnance Survey } No. of Map Reference No.
Map, 2 miles to 1 inch Series }

Date.	Lat. N.	Long. E.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	56°	4°	Mannual	13/4 mi	E	Muiravonside	3/4 mi	E

RAINFALL at Polmont (Yellow)

County of Stirling

Observer R.M.W. Brown

River Basin/Forth - Right Bank

Type of Gauge M.O.

Annual Average 32.0 in. based on 26 years obs. wet-weighted. Period of average 1881-1915

Ref. Survey

bombed out XII/36

Diameter	5.										
Height	1.0										
Altitude	320.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.21	5.28	3.35	4.28	1.41	4.48	3.29	6.03	4.79	3.21	
February	2.33	.06	2.57	.29	3.32	3.10	4.24	1.15	4.51	.95	
March	1.29	2.93	1.57	3.42	1.39	2.39	1.94	2.02	2.96	3.22	
April	2.37	3.77	1.40	3.81	3.06	1.03	1.52	.40	1.54	2.78	
May	3.09	3.07	1.86	2.51	.61	.83	1.97	5.35	.86	1.72	
June	5.73	1.09	1.37	2.59	3.30	1.33	1.73	3.58	1.72	.48	
July	4.89	2.25	3.79	3.76	1.60	3.80	3.59	2.60	5.40	5.59	
August	4.26	.51	1.33	3.42	1.94	1.97	4.68	1.83	1.46	1.24	
September	1.40	4.20	.98	3.12	4.96	3.26	2.31	3.57	1.56	3.09	
October	2.41	4.85	2.79	4.87	7.46	2.98	4.00	6.93	2.87	4.21	
November	5.37	2.68	1.91	.77	4.27	3.05	.46	6.25	6.56	4.23	
December	2.63	7.53	.68	3.41	1.80	3.80	2.04	2.27	1.30	2.87	
TOTALS	382.8	37.62	23.60	36.25	35.01	32.02	31.67	41.98	35.53	32.59	
	D	D	D	D	D	D	M	D	D	D	D

1931. Pear tree 5' high 12' N. Hedge 4' high 20 yds. E. Post + wire fence 3½' high 4yds. S.

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
1931.			Mannal	1/2 m	E.	Minionside	1/2 m	E.

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

Station No. 5341

RAINFALL at Polmont (Vellote)

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County of Stirling

Observer R.M.W. Brown, Esq.

River Basin - Firth Right Bank

Type of Gauge M.O.

Annual Average 32.2 in. based on 25 years obs. un-weighted. Period of average 1891-1915

Ref. S

File No.

Diameter	5"			897	545						
Height	1' 0"					1					
Altitude	820'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.03	4.49	3.31	3.99	2.80	3.76	3.20	6.67	3.51	2.74	
February	4.04	1.61	2.72	.96	4.38	3.04	2.53	3.89	3.50	3.59	
March	2.83	1.40	2.15	.86	2.12	2.67	5.18	2.63	1.08	3.02	
April	1.45	2.33	1.65	2.44	1.41	.75	4.45	2.68	2.52	3.14	
May	5.80	2.47	3.88	2.66	5.01	1.84	3.40	1.77	2.10	2.16	
June	0.44	1.28	2.38	2.57	3.06	2.29	4.03	4.88	.76	1.82	
July	2.47	1.71	2.33	2.61	3.25	3.40	3.16	3.45	2.45	4.88	
August	3.46	3.01	4.79	3.91	2.41	3.86	0.02	8.36	3.59	3.22	
September	.67	4.16	2.86	3.96	4.87	5.38	2.90	4.25	1.38	6.72	
October	3.55	3.49	5.62	4.41	4.66	.67	1.54	2.89	5.29	2.54	
November	2.01	67	1.26	8.17	.50	4.75	4.33	2.99	2.98	3.19	
December	1.87	2.82	1.61	3.90	3.00	3.24	2.58	4.04	6.21	2.12	
TOTALS	30.62	29.44	34.56	40.14	37.47	35.65	57.32	48.50	35.37	39.14	
	D	D	D	D	D	D	D	D	D	D	

Pear tree 5' high 4yds N.

Hedge 4' high 20 yds E.

Post and wire fence 3½ high 4yds S.

Position of Station on reduced Ordnance Survey Map, } No. of Map
1 mile to 1 inch Series

Reference No. 26 - 929768

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1941			Marnel	1½ m	E	Muiravonside	2 m E.

Station No. 5341

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RAINFALL at Polmont (Vellore)

County of Stirling Observer R. M. W. Brown Esq.

River Basin South-West Bank - 1

Type of Gauge M.B.

Annual Average 320 in. based on 26 years obs. iso-weighted. Period of average 1881-1915 Ref. S.
36.75 " " 24 " 1927-50. " 1916-1950 S.
File No.

Diameter ...	5"			897	345						
Height ...	1' 0"					1					
Altitude ...	320'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	4.24										
February ...	1.94										
March ...	3.17										
April ...	2.49										
May ...	2.41										
June ...	2.53										
July ...	6.65										
August ...	-1.00										
September ...	1.97										
October79										
November ...	-1.00										
December ...	-1.00										
TOTALS ...	-1.00	#									
	INC.										
	NP										

1951 N.P. incomplete. Terminated.

Pear tree 5', 12' N, Hedge 6', 20 yds E.
Post & wire fence 3½', 12' S.

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
		✓	✓	✓	✓	✓
		✓	✓	✓	✓	