

RAINFALL at

Bromarty House

County of

Ross

Observer

Col. H. C. Ross, C.B.

River Basin

Bromarty Firth 4.

Reg. - Gen. W. C. Ross, C.B. (1914)

Donald Ross 1918

Rain Gauge, by A. & N. Stores

| | | | | | | | | | | | |
|--------------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|--------|
| Diameter ... | 5 | | | | | | | | | | |
| Height | 0 6 | | | | 1 0 | | | | | | |
| Altitude ... | 80 T | | | | | | 60 | | | | |
| Year ... | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | MEANS. |
| January ... | 2.83 | .74 | 1.17 | | 3.20 | 2.00 | 3.24 | 2.05 | 3.11 | 1.44 | |
| February ... | .97 | 2.54 | 2.02 | | 1.71 | 1.41 | 3.25 | .51 | 1.96 | 1.46 | |
| March | .77 | 1.27 | 1.95 | | 2.52 | 1.57 | 1.70 | 1.65 | .86 | 1.57 | |
| April | 4.46 | 1.62 | 1.68 | | .64 | 2.72 | 1.29 | 1.58 | 1.06 | 2.61 | |
| May | 1.21 | 2.05 | 2.08 | | 2.55 | .87 | 3.68 | 2.08 | 2.11 | .35 | |
| June | 1.47 | 2.63 | 3.72 | | 1.36 | .69 | 4.04 | 3.04 | 1.67 | 1.93 | |
| July | 4.53 | 2.47 | 1.52 | | 2.25 | 3.11 | 4.06 | .94 | 6.84 | .67 | |
| August | 3.43 | 1.01 | 3.73 | | 2.01 | 1.17 | 1.93 | 5.07 | 2.60 | 2.59 | |
| September .. | .79 | 1.50 | .98 | | .89 | 4.93 | .99 | 2.16 | 3.45 | 2.18 | |
| October ... | .49 | 2.93 | 2.34 | | 1.20 | 1.42 | 4.69 | 4.00 | 2.02 | 2.57 | |
| November .. | 3.78 | 5.33 | 1.92 | | 4.32 | 2.65 | 1.68 | 4.10 | 1.84 | 3.88 | |
| December ... | 1.57 | 1.68 | 3.05 | | 2.85 | 4.11 | 1.75 | 1.67 | 3.09 | 2.98 | |
| TOTALS ... | 26.30 | 25.77 | 26.16 | | 25.50 | 26.65 | 32.80 | 28.85 | 30.61 | 24.23 | |

D D D

| Date. | Lat. N. | Long. | Railway Station. | Distance. | Direction. | Church. | Distance. | Direction. |
|-------|---------|-------|-------------------------|--------------|------------|----------|-------------------|------------|
| 1911. | | | Invergordon Fortrose | 6 mls. 9½ | W. W. | Bromarty | 4½ mls. ½ mile | N NW. |

RAINFALL at Cromarty HouseCounty of RossObserver Brig Gen H. G. Ross C.B. dist. 1/22
D. Ross. gardenerRiver Basin Cromarty Firth &per H. Ross (gauge)Howard Rain Gauge, by A. N. Stiles (1929) & A. Ross (1930)

| | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
| Diameter ... | 5" | | | 5" | | 5" | | | 5" | | |
| Height | 1 0 | | | 1 0 | | 1' 0" | | | 1 | | |
| Altitude ... | 60 | | | 60 | | 85' | | | 80 | | |
| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | 1930. MEAN. |
| January ... | 3.16 | 2.82 | 2.02 | 2.48 | 1.69 | 2.30 | 1.82 | 2.72 | 3.43 | .54 | 1.48 |
| February ... | 2.77 | .51 | 2.13 | 1.88 | .62 | 3.15 | 1.83 | .90 | 2.00 | .45 | .50 |
| March | 1.68 | 2.01 | 1.73 | .56 | 1.36 | 1.41 | 2.72 | 1.51 | 1.67 | .27 | .76 |
| April | 1.56 | .39 | 2.33 | 2.89 | .56 | 1.27 | 1.84 | 1.64 | .91 | .95 | .99 |
| May | 1.76 | 2.78 | 2.44 | 2.93 | 2.66 | 2.25 | 2.05 | 1.66 | 2.22 | 2.32 | 1.61 |
| June | .65 | .81 | 1.05 | .75 | 1.90 | .88 | 2.30 | 2.44 | 2.45 | 2.17 | 1.61 |
| July | 2.48 | 2.57 | 3.04 | 1.96 | 3.32 | 2.64 | 1.31 | 2.11 | 1.67 | 1.55 | 1.67 |
| August | 2.41 | 2.14 | 2.06 | 5.15 | 4.16 | 1.07 | 1.77 | 1.86 | 2.74 | 3.42 | 4.41 |
| September... | 2.50 | 1.25 | 1.96 | 1.75 | 4.84 | 2.87 | 2.03 | 5.02 | 2.35 | 1.90 | 2.11 |
| October | .98 | 1.66 | 1.59 | 3.14 | 2.79 | 1.77 | 3.80 | 4.40 | 2.20 | 3.87 | 2.50 |
| November... | 2.32 | .96 | 1.06 | 1.95 | 1.15 | .69 | 2.53 | 2.28 | 3.15 | 1.97 | 3.80 |
| December... | 1.63 | 2.62 | 1.60 | 1.90 | 2.09 | 2.60 | 1.41 | 1.35 | 2.20 | 1.88 | 1.98 |
| TOTALS... | 23.90 | 21.52 | 23.01 | 27.34 | 29.04 | 22.90 | 25.41 | 27.89 | 27.29 | 21.29 | 23.32 |

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 | | | Invergordon | 6 mi | W | Cromarty | 1/2 mi | N.W. |

RAINFALL at Bromley HouseCounty of Ross & CromartyObserver A. RaoRiver Basin W. Cromarty Dist.Type of Gauge ✓Annual Average x in. based on years obs. un-weighted. Period of average Ref.

| | | | | | | | | | | | |
|-----------|-------|------|-----------------------|------|------|------|------|------|------|------|-------|
| Diameter | 5. | | | | | | | | | | |
| Height | 1.3 | | | | | | | | | | |
| Altitude | 80. | | | | | | | | | | |
| Year | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | Means |
| January | 1.86 | | | | | | | | | | |
| February | 2.62 | | | | | | | | | | |
| March | 1.29 | | | | | | | | | | |
| April | 1.82 | | | | | | | | | | |
| May | 1.86 | | | | | | | | | | |
| June | 3.73 | | | | | | | | | | |
| July | 4.05 | | | | | | | | | | |
| August | 1.64 | | | | | | | | | | |
| September | 1.35 | | | | | | | | | | |
| October | 1.40 | # | Probably T. (no Edin) | | | | | | | | |
| November | 1.63 | | | | | | | | | | |
| December | 1.25 | | | | | | | | | | |
| TOTALS | 24.50 | N.R. | N.R. | | | | | | | | |

x N.O. 24.2 in. computed for Survey (1943), 21 yrs aqtd, accepted on S. map.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. | | | | 7m | W. | Bromley | 1/8m | N.W. |