

RAINFALL at Loch Pattaug

5737

County of Inverness.

Observer

Sir John RamsdenRiver Basin Lochy, L. bank — 16.per C.S. Meik Eng. 1.
per J. Frost. (1919.)Lochford Rain Gauge, by Camie (Edin.)
16" Cal. in

| | | | | | | | | | | | | |
|--------------|------|------|------|------|------|------|------|------|--------|--------|--------|--|
| Diameter ... | | | | | | | | | | | 5 | |
| Height | | | | | | | | | | | 0.6 | |
| Altitude ... | | | | | | | | | | | 1442 | |
| Year ... | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | MEANS. | |
| January ... | | | | | | | | | | 1.70? | | |
| February ... | | | | | | | | | | .57 | | |
| March | | | | | | | | | | 1.43? | | |
| April | | | | | | | | | | 2.50 | | |
| May | | | | | | | | | # 2.30 | 1.23 | | |
| June | | | | | | | | | 2.33 | 5.00 | | |
| July | | | | | | | | | 3.33 | .52 | | |
| August | | | | | | | | | 3.30 | 2.50 | | |
| September... | | | | | | | | | 7.20 | 3.25 | | |
| October ... | | | | | | | | | 6.35 | 1.25 | | |
| November.. | | | | | | | | | 3.46 | 5.50 | | |
| December... | | | | | | | | | 2.57 | 7.00 | | |
| TOTALS .. | | | | | | | | | ... | 32.45? | | |

Exp. 29.10.20 Old site on hillside at N end of Loch, forming wall of
decided bank. From slope down to S. water 20 ft. to N.
drops down to 12 ft. to bottom of bed. Drop on E & W
Similar to S. Roughly flat site

Proposed site E of hillside, fairly flat, but still sloping down slightly to Loch.
New site selected to N.E. of hillside. Flat site with good land. A good
open site, open on E. hills in distance on SW & N.

1 Jan. 1919. C.S. Meik had previously given 3.70 & 2.43. Mr. Frost on 29.10.20 confirmed
figures of 1.70 & 1.45. The figures given by Meik appear more probable.

| Date. | Lat. N. | Long. | Railway Station. | Distance. | Direction. | Church. | Distance. | Direction. |
|-------|---------|-------|------------------|-----------|------------|---------|-----------|------------|
| | | | Dalwhinnie | 8 mi | | Laggan | 10 mi | |

RAINFALL at *Lock Pattack*County of *Inverness*Observer *Lieut. J. Ramsden F.R.S. A. Mackay*River Basin *Lochy - Left bank tribs. 16.**Bradford* Rain Gauge, by *Lennie*

| | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|---------------|
| Diameter ... | 5" | | | 5 | | | | | | 5 | |
| Height | 0 6 | | 0 8 | 0 8 | | | | | | 6 | |
| Altitude ... | 1442 | | 1450 | 1400 | | | | | | 1450 | |
| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | 1930 MEAN. |
| January ... | 4.50 | 12.00 | 12.00 | 13.50 | 5.60 | 7.50 | 10.50 | 12.00 | 15.00 | 2.50 | (8.50) |
| February ... | 7.50 | 2.80 | 10.00 | 7.50 | 6.50 | 9.30 | 6.70 | 2.70 | 13.30 | 1.25 | .50 |
| March | 3.50 | 11.50 | 6.00 | 2.50 | .70 | 5.60 | 10.60 | 3.40 | 6.80 | 1.00 | 3.20 |
| April | 3.25 | 4.00 | 4.25 | 2.40 | 3.30 | 6.10 | 3.20 | 6.75 | 2.50 | 3.50 | 2.00 |
| May | 4.00 | 3.75 | 7.25 | 4.70 | 3.80 | 7.60 | 3.50 | 3.50 | 1.60 | 4.10 | 3.70 |
| June | 1.50 | 3.00 | 2.75 | 3.10 | 2.30 | 1.20 | 3.60 | 5.55 | 5.40 | 3.20 | 2.50 |
| July | 2.50 | 3.75 | 4.25 | 3.20 | 6.30 | 1.90 | 3.50 | 4.50 | 3.30 | 1.00? | 2.70 |
| August | 3.50 | 6.00 | 2.75 | 7.40 | 4.80 | 3.20 | 4.70 | 4.75 | 8.10 | 6.00 | 6.50 |
| September... | 4.50 | 3.75 | 2.80 | 5.90 | 9.10 | 4.30 | 4.00 | 5.25 | 4.60 | 3.10 | 4.75 |
| October | 4.75 | 5.75 | 3.30 | 11.10 | 5.10 | 5.50 | 6.80 | 7.00 | 9.00 | 4.50? | 9.76 |
| November... | 6.00 | 3.75 | 5.60 | 7.00 | 3.10 | .90 | 9.20 | 7.10 | 8.50 | 5.20? | 9.20 |
| December... | 5.00 | 11.00 | 7.40 | 6.10 | 14.20 | 8.50 | 6.80 | 1.50 | 7.00 | 12.20 | 6.66 |
| TOTALS... | 50.50 | 71.05 | 68.35 | 74.40 | 64.80 | 61.60 | 73.10 | 64.00 | 85.10 | 47.55? | (59.97) |

1920. Gauge moved Oct 21st 20 yds S.E. Inspected B.S. 29 x 20. Use last sheet.

1921. Old Booby ruins 8 ft high 15 yds W.S.

1921.21. A. Mackay with gauge now about 40 yds E of old position, the site being the one suggested to him. moved after 9 am reading on 11.1.21

1920. Jan. amended for loss of snow, with downward consequence.

Position of Station on reduced Ordnance Survey } No. of Map

Reference No.

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Direction | Parish Church. | Distance from gauge | Direction |
|--------------|---------|--------|------------------|---------------------|-----------|----------------|---------------------|-----------|
| 1920 1921 | 56° 53' | 4° 25' | Dalwhinnie | 10 mi 8 7 | S E | Saggan | 9 mi | N E |

RAINFALL at

*Pattack
Lock Pattack.*County of *Inverness.*Observer *Sir J.F. Ramsden Bt.*River Basin *16-Lochy-Lift Bank*

Type of Gauge.....

Annual Average *64.5 67.8 48 16* in. based on *16* years obs. un-weighted. Period of average *1881-1915* Ref. *P.A. 370*

| | | | | | | | | | | | |
|-----------|-------------|---------------|------------|-------------|-------------|-------|-------|-------|--------|---------|-------|
| Diameter | 5. | | | | | | | | | | |
| Height | 0.6. | | | | | 9 | | | | | |
| Altitude | 1450 | | | | | 1420 | | | | | |
| Year | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | Means |
| January | 7.20 | 15.38 | 10.25 | 10.25 | 6.05 | 4.68 | 10.16 | 12.83 | 3.85 | (1.00) | |
| February | 12.47 | 28 | 6.20 | 2.15 | 8.67 | 3.18 | 6.32 | 6.90 | 7.13 | (1.60) | |
| March | 3.90 | 2.10 | 4.10 | 4.08 | 5.75 | 2.34 | 2.06 | 9.04 | 6.22 | (3.70) | |
| April | 3.50 | 6.27 | 3.57 | 5.20 | 2.67 | 1.94 | 1.42 | 1.25 | 3.86 | (3.60) | |
| May | 4.87 | 3.90 | 2.04 | 4.31 | .93 | 2.38 | 3.38 | 3.77 | 1.92 | 1.14 | |
| June | 5.50 | .87 | 2.80 | 1.54 | 3.50 | 1.72 | 2.06 | 7.91 | 2.78 | 2.00 | |
| July | 6.79 | 6.33 | 3.49 | 2.67 | 1.33 | 6.20 | 4.25 | 4.88 | 3.89 | 4.62 | |
| August | 2.80 | 2.58 | 3.90 | 5.75 | 4.25 | 3.70 | 3.54 | 3.20 | (2.42) | 2.74 | |
| September | 2.36 | 5.10 | 2.00 | 6.03 | 8.20 | 3.10 | 4.45 | 4.99 | (2.20) | (3.50) | 4.93 |
| October | 6.52 | 14.50 9.40 | 8.45 | 12.50 | 13.11 | 8.30 | 2.29 | 10.33 | (4.00) | (7.34) | 2.24 |
| November | 10.75 | 10.50 | 3.56 | 2.00 | 6.15 | 6.10 | .67 | 11.52 | 10.54 | 8.16 | |
| December | 11.05 | 12.62 | 1.05 | 9.13 | 4.14 | 14.48 | 2.05 | 7.87 | 3.44 | 9.12 | |
| TOTALS | 77.71 14 | 76.35 11 | 51.41 7 | 65.61 11 | 63.95 14 | 58.12 | 42.70 | 84.54 | 51.35 | (48.52) | |

1931 big up

1932.

Gauge to be inspected by Engineer of British Aluminium Co.,

27/8/33. 4 moved to new position by Engineer of British Aluminium Co., 25 yds W of Loch Pattack-Jackie Rd.
160 yds N of road to East of L. Pattack along this road.1940. Jan-April apportioned from 4 months total
Sept & Oct " " 2 " "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 |
|----------|-----------|----------|------------------|---------------------|----------------------|----------------|---------------------|----------------------|
| 27/8/32. | 56°52'29" | 4°22'43" | | | | | | |

Station No. 5737

RAINFALL at Loch Pattack

41

County of Inverness

Observer Sir I. F. Ramsden Bt

River Basin 6 - Lochy left Bank

Type of Gauge

Annual Average 58.8 in. based on 16 years obs. re-weighted. Period of average 1881-1915 Ref. P.B. 570

File No.

| | | | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|--------|--------|---------|--------|--------|-------|
| Diameter | 5" | | | | 693 | 827 | | | | | |
| Height | 0'9" | | | | | 1 | | | | | |
| Altitude | 1420' | | | | | 41 | | | | | |
| Year | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | Means |
| January | 2.68 | 4.11 | 7.38 | 1.88 | 4.52 | 7.10 | 6.60 | 5.90 | (9.80) | 5.90 | |
| February | 3.82 | 2.60 | 8.72 | 3.58 | 9.62 | 6.70 | 0.25 | 8.15 | 9.10 | 4.50 | |
| March | 1.59 | 2.51 | 5.60 | 3.40 | 5.79 | 2.35 | 2.15 | 7.65 | 3.10 | 6.70 | |
| April | 1.45 | 2.18 | 6.30 | 4.01 | 2.10 | 3.30 | 12.20 | 5.65 | 6.45 | 5.40 | |
| May | 2.79 | 3.50 | 3.82 | 4.08 | 4.93 | 1.25 | (4.40) | 3.70 | 3.00 | 2.45 | |
| June | 70 | 2.08 | 4.50 | 6.39 | 4.73 | 5.05 | 4.35 | 5.10 | 2.15 | 3.10 | |
| July | 3.16 | 4.20 | 2.36 | 1.75 | 2.44 | 6.62 | (4.70) | 4.40 | 1.85 | 4.65 | |
| August | 5.16 | 6.13 | 4.51 | 2.84 | 2.02 | 2.30 | 0.00 | 6.10 | 5.70 | 6.50 | |
| September | 2.08 | 9.86 | 6.16 | 5.40 | 6.22 | (9.00) | 7.02 | 7.10 | 2.00 | 12.15 | |
| October | 6.18 | 7.33 | 12.10 | 6.75 | 4.10 | (6.50) | 2.75 | 6.00 | 5.50 | 6.70 | |
| November | 8.80 | 2.67 | 4.85 | 7.60 | 1.06 | 7.40 | 10.10 | 4.90 | 5.15 | (4.00) | |
| December | 8.16 | 10.03 | 4.15 | 11.23 | 7.54 | 4.60 | (3.20) | (10.00) | 14.10 | (3.15) | |
| TOTALS | 44.57 | 57.20 | 70.45 | 64.91 | 55.07 | 56.17 | 57.72 | 74.65 | 67.90 | 68.20 | |

1946 Sept & Oct approximated No. Edin.

1947 May, July & Dec. old's, No. 3b.

1948 Dec & Jan app. M.O. 3b.

1950 Nov/Dec. alt. by M.O. Edin.

00144024/400004/40004/00034

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

Station No. 5737RAINFALL at Loch Pattack

51

County of ConverusObserver Sir J. F. Ramsden Bt.River Basin Lochy-Left Bank-16

Type of Gauge.....

16

I.W.S.

Annual Average 53.8 in. based on 17 years obs. un-weighted. Period of average 1881-1915 Ref. P.B. 270

File No.....

| | | | | | | | | | | | |
|---------------|-------|--------|-------|-------|--------|--------|--------|-------|-------|-------|-------|
| Diameter ... | 5.5" | | | | 6.93 | 8.27 | | | | | |
| Height ... | 0' 9" | | | | | 1 | | | | | |
| Altitude ... | 1120' | | | | | 51 | | | | | |
| Year ... | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | Means |
| January ... | 6.55 | (4.00) | 4.08 | 2.95 | (5.10) | 4.50 | (9.53) | 5.80 | 3.25 | 5.10 | |
| February ... | 5.65 | (5.00) | 3.50 | 2.95 | 4.30 | (3.40) | (4.51) | 3.50 | 2.70 | 4.75 | |
| March ... | 3.00 | 3.65 | 2.30 | 3.30 | (1.55) | (4.30) | 5.05 | 1.75 | 4.40 | 1.10 | |
| April ... | 6.00 | 3.05 | 3.55 | 2.80 | 1.90 | 3.05 | 1.45 | 3.00 | 5.00 | 6.00 | |
| May ... | 0.90 | 4.25 | 5.65 | 5.25 | 3.25 | 5.40 | 1.20 | 5.40 | 2.55 | 2.60 | |
| June ... | 2.50 | 3.40 | 3.65 | 3.55 | 2.25 | 4.35 | 2.60 | 2.55 | 4.80 | 2.30 | |
| July ... | 2.95 | (3.00) | 5.50 | 3.25 | .55 | 5.10 | 5.10 | 5.60 | 6.60 | 3.05 | |
| August ... | 5.50 | 3.90 | 6.75 | 4.40 | 1.40 | 6.25 | 6.05 | 4.55 | 4.05 | 4.00 | |
| September ... | 3.85 | 4.35 | 4.75 | 9.30 | 6.10 | 7.20 | 4.50 | 5.50 | 1.50 | 3.60 | |
| October ... | 1.70 | 9.50 | 3.50 | 9.20 | 6.95 | 6.70 | 7.10 | 7.30 | 9.10 | 3.50 | |
| November ... | 11.20 | 3.15 | 11.25 | 10.70 | 2.05 | 5.50 | 2.05 | 1.50 | 7.50 | 5.50 | |
| December ... | 8.05 | 5.00 | 8.80 | 15.05 | 11.90 | 11.70 | 10.25 | 5.10 | 10.05 | 6.40 | |
| TOTALS ... | 57.85 | 52.75 | 63.28 | 75.70 | 47.30 | 67.51 | 59.45 | 57.55 | 61.40 | 47.90 | |
| | M | M | | | | | M | | M | M | |

1952 Jan-Feb app 60404

50004 70004 60004

1955 Jan. adj for snow. Feb. & March app by 103.

1954. Prof. 25/9/54. Bradford gauge in good condition. An
 excellent site about 1/2 up valley to N. A third wall would
 help here. New manure registered supplied April 1955.
 Leaf wall does not appear to have been built.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference NN(27) 543798

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

Summary of Earlier Records from 10-year Sheets :

| Record D, or d | 1910-19 | 1920-30 | 1931-40 | 1941-50 | 1951-60 |
|-------------------|---------|---------|-----------|---------|---------|
| | C. 1918 | ✓ | ✓ N.P. 31 | ✓ | |
| | — | — | M 32-34 | — | |