

RAINFALL at Pitlochry, Bonskeid

County of Perth Observer G. F. Barbour Esq.,
River Basin Tay - Tummel 14. gdm. H. Taylor

Snowdon Rain Gauge, by Pas. & Raptis.

Copper

4.96
5.92
4.96
4.96
1.00 } 9.7.20

Tummel leaking in one place. New one suggested.

| Diameter ... | 5 | | | | | | | | | | |
|--------------|-------|-------|-------|-------|-------|-------|-------|------|-------|------|--------|
| Height | 10 | | | | | | | | | | |
| Altitude ... | 540T | | | | | | | | | | |
| Year ... | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | MEANS. |
| January ... | 1.34 | 6.12 | 6.23 | 3.36 | 3.64 | 4.79 | 1.61 | 2.39 | 2.56 | | |
| February ... | 3.57 | 3.00 | 2.55 | 5.47 | 6.04 | 4.86 | 1.73 | 4.69 | .96 | | |
| March | 1.26 | 3.79 | 5.36 | 4.19 | 1.83 | 1.30 | 1.92 | .97 | 2.42 | | |
| April | 2.30 | .56 | 3.31 | 2.10 | 2.15 | 2.15 | 1.41 | 1.18 | 1.01 | | |
| May | 1.22 | 1.71 | 4.59 | 1.35 | 1.33 | 2.57 | 2.58 | 3.69 | 1.96 | | |
| June | 2.12 | 4.35 | 1.93 | 1.29 | 1.24 | 2.20 | 2.46 | .73 | 1.54 | | |
| July | 2.05 | 1.68 | .54 | 3.85 | 2.87 | 5.50 | 1.09 | 5.69 | .47 | | |
| August | 1.80 | 3.84 | .77 | 2.88 | 3.52 | 3.13 | 4.95 | 1.93 | 1.46 | | |
| September .. | .92 | 2.02 | 2.63 | .90 | 1.64 | 1.13 | 2.06 | | 2.12 | | |
| October ... | 2.26 | 2.94 | 2.40 | 1.45 | 3.82 | 6.84 | 4.78 | | 1.08 | | |
| November ... | 5.74 | 3.25 | 4.13 | 5.73 | 2.41 | 5.46 | 4.29 | | 4.50 | | |
| December ... | 7.58 | 7.98 | 2.15 | 7.01 | 5.53 | 4.08 | 1.31 | | 5.79 | | |
| TOTALS ... | 32.16 | 41.24 | 36.59 | 39.88 | 36.02 | 44.31 | 29.19 | | 35.93 | | |

Tree 50' high, 48' ENE.

Old record in '73 & '80 was
from gauge on S. of tree near top
of steep bank.

1919. House 50ft. high 50ft. S.E.

Tree 30ft. > 50ft. W. N.W.

4 inspected Col. 9.7.20.

On lawn open to S. overgrown on W. at 40°.
Pine on N.E. 20ft away at least 70ft high
Trees all round on N.

| Date. | Lat. N. | Long. W. | Railway Station. | Distance. | Direction. | Church. | Distance. | Direction. |
|-------|-------------|-------------|------------------|------------------------------|------------|-----------|-----------------------|------------|
| 1911. | | | Killiecrankie | 1 $\frac{3}{4}$ miles 47° | NE. | Tenarsdry | 1 $\frac{1}{4}$ miles | E by N. |
| 1919. | 56° 43' 40" | 50° 48' 50" | Pitlochry | | | | | |

RAINFALL at Pitlochry, Ponskeid

County of Perth

Observer D^r G. L. Barbour
gmn. M. J. Taylor.

River Basin Tay - Tummel 14.

Snowdon, Standard Rain Gauge, by Dr. A. J. Gegeen.

| Diameter ... | 5" | | | 5 | | | | | | | |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Height | 1.0 | | | 1.0 | | | | | | | |
| Altitude ... | 540 | | | 540 | | | | | | | |
| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | M.EAN. |
| January ... | 4.55 | 5.18 | 6.11 | 3.85 | 2.23 | 4.02 | 5.22 | 4.31 | 8.26 | .97 | 3.35 |
| February ... | 3.73 | 2.22 | 3.39 | 6.94 | 1.12 | 4.69 | 4.42 | 1.48 | 3.00 | 1.80 | 1.88 |
| March | 3.43 | 4.64 | 1.68 | 1.69 | 5.6 | 1.54 | 2.34 | 2.46 | 4.53 | .68 | 1.52 |
| April..... | 1.69 | .77 | 2.74 | 3.00 | 2.34 | 3.23 | 1.63 | 1.29 | 1.01 | 1.30 | 1.66 |
| May | 3.00 | 2.28 | 2.09 | 2.09 | 3.65 | 4.39 | 2.47 | 2.36 | 1.18 | 2.45 | 1.73 |
| June | .80 | .70 | 1.53 | .58 | 1.44 | 1.37 | 2.83 | 3.06 | 2.87 | 1.66 | 1.57 |
| July | 2.14 | 2.69 | 3.14 | 2.63 | 4.54 | 2.33 | 2.69 | 4.30 | 1.10 | 2.42 | 2.03 |
| August | 3.92 | 4.66 | 1.84 | 6.17 | 5.11 | 3.72 | 2.09 | 5.61 | 5.24 | 3.94 | 5.97 |
| September... | 1.86 | 1.66 | 1.88 | 3.08 | 4.62 | 2.72 | 2.17 | 4.35 | 3.18 | .93 | 3.52 |
| October..... | 4.91 | 2.51 | 1.63 | 4.84 | 4.65 | 3.95 | 5.65 | 4.47 | 3.66 | 3.59 | 4.68 |
| November... | 1.75 | 2.62 | 1.87 | 3.30 | 2.55 | 1.09 | 5.79 | 2.76 | 3.92 | 3.74 | 3.50 |
| December... | 4.23 | 4.77 | 4.21 | 2.61 | 6.42 | 3.34 | 1.11 | 1.08 | 2.99 | 6.61 | 3.98 |
| TOTALS... | 39.01 | 32.70 | 32.11 | 40.78 | 39.23 | 35.39 | 38.41 | 37.53 | 40.94 | 30.09 | 33.89 |

1920. Gauge inspected Aug. VII. 20. See Cast sheet.

House 50 ft high 50 ft S.E.

Tree 30 " 50 " W.N.W.

Gauge was moved at the end of 1921. 17 1/2 ft. N.W.

House 60 ft high 72 ft S.E.

Tree 30 " 57 " N.W.

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

Reference No. _____

| Date. | Lat. N. | Long. W. | Railway Station. | Distance from gauge | Direction from gauge | Parish Church. | Distance from gauge | Direction from gauge |
|-------|-------------|------------|------------------|---------------------|----------------------|----------------|---------------------|----------------------|
| 1920 | 56° 43' 40" | 3° 48' 50" | Hilliecrankie | 1 3/4 mi | N.E. | Senarsdry | 1 mi | E.N.E. |

RAINFALL at Pitlochry (Bonarford).

County of Perth.

Observer D. G. F. Barbour.

River Basin 16 - Tay, Tummel.

Type of Gauge Standard.

33.0 22

Annual Average 34.2 in. based on 23 years obs. unweighted. Period of average 1881-1915 Ref. P.B. 375

| Diameter | 5. | | | | | | | | | | |
|-----------|-------|-------|-------|---------|-------|-------|-------|-------|-------|-------|-------|
| Height | 1.0. | | | | | | | | | | |
| Altitude | 640. | | | | | | | | | | |
| Year | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | Means |
| January | 3.87 | 4.29 | 3.69 | 3.57 | 1.28 | 3.49 | 7.92 | 6.09 | 2.50 | 1.39 | |
| February | 1.88 | .05 | 2.10 | .35 | 1.67 | 2.36 | 3.49 | 1.76 | 3.17 | 2.22 | |
| March | .99 | 2.38 | .85 | 1.27 | .96 | 1.77 | 1.11 | .91 | 2.94 | 2.89 | |
| April | 1.51 | 3.56 | .73 | 2.64 | 1.16 | .72 | .86 | .39 | 1.17 | 2.56 | |
| May | 3.88 | 2.66 | 1.00 | 2.25 | .34 | .80 | 2.79 | 3.25 | .96 | 1.09 | |
| June | 5.36 | .88 | .96 | 1.29 | 6.16 | 1.49 | 1.86 | 4.19 | 1.51 | .28 | |
| July | 4.95 | 3.72 | 2.67 | 4.20 | .40 | 5.07 | 4.43 | 4.86 | 6.43 | 4.56 | |
| August | .97 | 1.96 | 1.10 | (3.40) | 1.87 | 1.99 | 3.76 | 1.72 | 1.74 | 1.24 | |
| September | 1.20 | 1.90 | 1.26 | (4.50) | 5.33 | 3.39 | 1.88 | 3.56 | 2.83 | 1.56 | |
| October | 1.45 | 6.20 | 2.71 | (5.00) | 5.69 | 3.57 | 3.57 | 6.13 | 6.31 | 5.30 | |
| November | 5.65 | 2.11 | 2.44 | (.23) | 3.60 | 2.61 | .41 | 5.86 | 6.66 | 4.71 | |
| December | 1.92 | 5.34 | .75 | (8.20) | 2.45 | 5.08 | 1.62 | 3.82 | 2.16 | 3.28 | |
| TOTALS | 33.63 | 36.05 | 20.26 | (36.90) | 30.91 | 32.34 | 33.20 | 42.54 | 37.38 | 31.08 | |
| | D. | D. | D. | D. | D. | D. | D. | D. | D. | D. | |

1934 Aug-Dec. adjusted by average of neighbouring stations. not printed. probably only.

22/6/37 Inspected see over.

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 |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|---------------------|----------------------|
| | | | | | | | | |

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

867520

5562

41

RAINFALL at Pittlochry (Bankshead)

County of Perth

Observer

Station No.

River Basin 14 - Tay - Tummel

D G F Barbour

Type of Gauge Standard

Time from Mrs G. F. Barbour (1946)

Annual Average 22.0 in. based on 22 years obs. un-weighted. Period of average 1881-1915 Ref P.B. 375

File No.

| Diameter | 5" | | | 867 | 520 | | | | | | |
|-----------|--------|-------|-------|-------|--------|-------|--------|-------|-------|-------|-------|
| Height | 1' 0" | | | | 1 | | | | | | |
| Altitude | 540' | | | | 41 | | | | | | |
| Year | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | Means |
| January | 1.28 | 4.98 | 6.24 | 3.91 | 4.09 | 5.18 | 4.91 | 4.85 | 2.77 | 2.77 | |
| February | 4.02 | 2.61 | 2.71 | 1.31 | 4.17 | 3.30 | (0.80) | 4.35 | 3.14 | 4.78 | |
| March | (1.60) | 2.47 | 1.61 | 0.51 | 1.92 | 1.09 | 2.45 | 2.60 | 1.69 | 2.07 | |
| April | 1.05 | 2.81 | 2.58 | 2.52 | 1.46 | 1.70 | 5.53 | 1.82 | 2.60 | 2.55 | |
| May | 2.21 | 3.62 | 2.43 | 2.21 | (4.02) | 1.69 | 3.27 | 2.26 | 2.55 | 1.30 | |
| June | 0.58 | 1.25 | 2.92 | 3.04 | 2.96 | 2.92 | 3.47 | 5.95 | 1.84 | 1.39 | |
| July | 3.71 | 1.71 | 1.82 | 2.86 | 3.83 | 3.56 | 4.90 | 2.38 | 1.15 | 4.36 | |
| August | 3.92 | 3.79 | 5.05 | 2.17 | 1.22 | 2.89 | 0.07 | 6.61 | 3.01 | 5.36 | |
| September | 2.05 | 3.83 | 3.03 | 3.95 | 4.60 | 1.15 | 3.38 | 2.71 | 1.06 | 6.21 | |
| October | 3.27 | 3.19 | 6.66 | 3.59 | 4.44 | 1.35 | 2.26 | 4.14 | 3.46 | 2.22 | |
| November | 5.80 | 0.94 | 2.45 | 4.78 | 0.92 | 5.20 | 3.60 | 2.00 | 3.49 | 2.67 | |
| December | 3.29 | 5.31 | 2.56 | 3.69 | 5.37 | 1.47 | 1.20 | 7.83 | 5.47 | 2.88 | |
| TOTALS | 32.78 | 36.51 | 40.06 | 34.64 | 39.00 | 35.50 | 35.84 | 47.00 | 32.23 | 38.56 | |
| | d | d | d | d | d | d | d | d | d | d | |

1941 Feb 17-28 and March app. 02004 10004

1945 May past estd. 1.8.45 Gauge tested & found sound.

1947 Feb. estd. for snow

1950 Dec. 9th amended

10000

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 | Parish Church. | Distance from gauge |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|
| | | | | | | | |

BRITISH RAINFALL ORGANIZATION

Station No. 5562

51

RAINFALL at Pitlochry (Bonsheid)

County of Perth

Observer The Hon. Mrs. G. F. Barbour.

River Basin Tay - Tummel - 14

Robert Andrew Esq.

Type of Gauge Snowdon

The Secretary

Annual Average 33.0 in. based on 22 years obs un-weighted. Period of average 1881-1915 Ref. P.B. 375

27.1

File No.

| Diameter | 3 4/5" | | | | 867 | 520 | | | | | |
|-----------|--------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|
| Height | 1' 10" | | | | | 1 | | 9" | | | |
| Altitude | 540' | | | | | 51 | | on map | | | |
| Year | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | Means |
| January | 2.79 | 3.32 | 1.30 | 3.10 | 2.10 | 3.32 | 5.21 | 2.78 | 2.74 | 2.85 | |
| February | 3.09 | 0.94 | .90 | 3.10 | 2.30 | 1.70 | 3.57 | 2.24 | .88 | 3.24 | |
| March | 1.42 | 2.20 | .70 | 1.40 | 1.06 | 2.56 | 3.59 | 1.51 | 2.31 | 2.18 | |
| April | 3.03 | 1.53 | 2.00 | 1.40 | 1.34 | 1.18 | 1.16 | .88 | 3.19 | 3.63 | |
| May | 1.68 | 3.11 | 3.10 | 4.85 | 2.66 | 1.87 | 1.85 | 3.82 | .94 | 2.69 | |
| June | 2.45 | 2.51 | 3.30 | 1.86 | 1.13 | 3.11 | 1.40 | 3.12 | 2.45 | 2.43 | |
| July | 1.55 | 2.14 | 2.70 | 2.26 | .84 | 4.61 | 3.68 | 3.84 | 3.96 | 2.21 | |
| August | 6.09 | 3.71 | 1.90 | 3.95 | .99 | 5.26 | 3.23 | 5.33 | 1.30 | 2.75 | |
| September | 2.32 | 1.30 | 3.10 | 3.32 | 2.15 | 5.39 | 1.96 | 4.51 | 1.08 | 2.49 | |
| October | 1.20 | 4.40 | 2.10 | 6.23 | 2.47 | 2.34 | 2.22 | 2.70 | 5.25 | 4.26 | |
| November | 8.38 | 1.90 | 3.90 | 7.35 | 2.20 | 1.49 | .66 | 1.11 | 5.04 | 3.92 | |
| December | 4.42 | 2.30 | 4.30 | 6.20 | 6.40 | 6.18 | 4.84 | 6.64 | 7.26 | 3.62 | 6.302 |
| TOTALS | 38.42 | 29.36 | 29.30 | 45.07 | | | | | | | |
| | d | d | N.R. | inc. | 25.64 | 39.01 | 33.39 | 36.53 | 36.40 | 36.27 | |
| | | | | | D | D | 0 | D | D | D | |

1954 House 30°, 40° N.

Ins. 28.7.58 G very battered. 0/s from SW and NW-NE - tree SW 38° Trees NW-NE 30° 38°

Top of amere 40° to NNW. 0/e 65° - moderate slope down to river. No better site available. G. was moved in 1946 and again in 1954 G in present site.

fm 5562/18

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 27/894-611.

| Date. | Lat. N. | Long. | Railway Station. | Distance 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 |
|-------------------|--|--------------------|---------|-------------------|---------|---------------------|
| | | Start N.H. 10.inch | ✓ | ✓ Start up 34-35° | ✓ | ✓ Start up 41-62-50 |