

RAINFALL at Inverness, Culduthel Reservoir

County of Inverness

Observer Alec Knowles Esq.

River Basin Ness, N. bank - 6

Rain Gauge, by
(supplied by H.O. 1923)

Diameter ...		5		5							
Height	gauge height	12		7							
Altitude ...		242	242				242				
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEAN.
January ...	330	490 (215)	4.48	1.48	3.16	1.91	3.77	5.21	4.43	3.09	3388
February ...	342	158 (210)	1.40	1.11	4.16	1.24	0.94	2.60	1.35	1.63	1953
March	200	2.15 (1.45)	68	87	1.79	2.67	1.59	2.45	1.25	1.26	1716
April.....	147	62 (2.40)	1.73	80	1.78	1.76	1.97	1.96	1.08	1.06	1563
May	140	2.43 (2.70)	2.80	3.78	3.55	2.04	1.93	2.08	1.99	1.62	2637
June54	1.07 (1.45)	72	2.29	3.33	1.88	2.76	3.42	1.80	1.10	1736
July	214	229 (2.60)	1.81	3.22	2.32	1.68	2.91	1.80	2.86	3.09	2672
August	387	331 (2.00)	4.56	4.42	94	1.70	3.83	3.95	3.64	4.07	3629
September...	272	2.07	1.34	1.77	4.74	4.07	2.34	5.65	3.04	1.93	3277
October.....	156	2.06	2.30	3.10	2.30	1.84	3.00	4.31	2.44	3.56	3.17
November...	228	1.04	1.93	2.50	1.03	.79	3.28	2.08	3.42	2.54	4.43
December...	84	3.69	2.14	1.90	4.21	2.59	2.38	1.25	2.21	2.70	1.96
TOTALS...	26.54	2626 (2556)	27.45	30.45	27.32	25.88	32.99	33.91	23.13	28.35	30584

1923. House $\frac{H.P.}{28.}$ $\frac{D.W.}{90.}$ $\frac{Dim.}{SE}$

9pm - Avg evg Gagepunkt

1929. House 25' high, 30 yds S.E.
Trees 60' " 70" 8".

Avg depth 5713

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

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1923	57° 26' 4.14		Inverness	3 m. N.		Inverness	3 m. N.

RAINFALL at Inverness (Adductor Reservoir) M.W.R.

County of Inverness.

Observer (G. Hunter) Mr W. McPhee.

River Basin 6-hectare-Bank.

The Town Council (1938)

Type of Gauge M.O.

Annual Average 27.6 in. based on 9 years obs. un-weighted. Period of average 1881-1915 Ref. a.w. Sheet
computed XII/36

Diameter	5										
Height	1.0										
Altitude	242										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	3.05	4.29	2.78	2.72	1.89	2.70	3.59	3.89	3.08	.76	2.886
February	2.26	.55	2.04	3.1	5.61	1.89	2.34	1.13	2.43	1.48	1.804
March	1.01	2.39	0.42	2.82	1.35	1.43	1.61	1.42	1.88	1.76	1.609
April	1.98	3.29	2.29	5.07	2.29	.76	.32	.47	1.16	1.74	1.937
May	2.68	3.09	1.04	2.02	1.15	.83	1.25	2.08	.53	1.58	1.655
June	3.44	.22	2.04	1.49	3.37	.95	1.52	3.44	1.08	.54	1.809
July	4.91	2.87	3.20	4.67	1.55	3.66	2.88	4.36	5.15	8.28	4126
August	1.44	1.09	1.77	2.10	4.55	2.47	5.67	1.76	1.88	1.14	2.417
September	1.20	3.41	1.02	1.41	3.96	4.13	1.62	2.89	1.42	1.31	2.237
October	1.85	4.87	3.88	3.28	7.63	3.13	2.17	4.59	2.03	3.34	3.677
November	1.85	3.49	0.59	1.13	2.69	1.98	.54	4.66	2.84	4.26	2.406
December	2.04	2.28	0.26	2.69	1.63	3.47	.97	2.06	1.91	2.77	2.007
TOTALS	28.04	31.84	21.86	29.71	35.67	27.48	24.21	32.75	26.64	28.96	28.570
	D.	D.	S.	D.	D.	D.	D.	S.	D.	D.	

1931. Dwelling house 24' high 35 yards S.E.

1934 House 12' 6" lower 30 yds S.E.

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.			Inverness	3 m.	N.	Inverness	3 m.	N.

RAINFALL at Inverness (Culcheth, Res.)

County of Inverness

Observer

The Town Council

River Basin 6 - Ness - Right Bank

Alex. MacKenzie Esq. (1950)

Type of Gauge M.O.

Annual Average 27.1 in. based on 9 years obs. un-weighted. Period of average 1881-1915 Ref. Av. W.S.

Completed 11/16

File No.

Diameter	5"				805	316					
Height	1' 0"					1					
Altitude	242'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	0.74	1.80	1.53	3.00	2.47	1.57	1.57	2.69	4.65	2.47	2.249
February	2.03	1.94	2.69	2.12	2.24	2.08	2.29	3.13	2.29	2.55	21.86
March	1.59	1.55	2.16	1.40	1.27	1.94	1.86	1.44	2.30	1.22	13.73
April	1.11	1.69	1.76	1.89	1.18	1.92	3.73	2.27	1.60	3.27	1.942
May	2.80	2.22	3.15	1.88	2.33	1.69	1.89	4.13	1.82	1.83	23.74
June	3.33	1.58	1.67	2.17	3.25	2.92	4.08	4.37	1.90	2.06	22.93
July	2.26	2.01	2.20	1.44	2.44	5.17	2.23	3.17	1.36	1.88	2.446
August	5.23	3.15	4.94	1.81	3.09	3.70	2.21	6.06	4.84	3.29	36.32
September	1.83	3.98	2.02	3.19	2.26	3.84	3.59	2.24	1.93	4.86	28.74
October	3.66	4.11	2.77	2.65	3.69	1.43	1.19	2.49	1.69	1.59	24.27
November	2.71	1.18	2.56	2.87	1.31	2.90	5.32	1.87	1.80	3.90	25.42
December	3.31	2.58	1.96	2.33	2.38	1.07	1.61	3.16	7.34	1.73	26.42
TOTALS	26.60	25.79	28.41	27.65	26.86	27.23	26.57	37.02	32.52	30.65	289.80

2500.657

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

RAINFALL at Inverness (Caledonian Res) ✓County of Inverness Observer Alexander McKenzie Esq.River Basin 6 miles - Right BankTown CouncilType of Gauge M.O.

Annual Average 27.6 in. based on 9 years obs. yr-weighted. Period of average 1881-1915 Ref. A.W.S.
28.44 - .95 " 1916-1950 File No. P

Diameter ...	<u>5"</u>				<u>805</u>	<u>316</u>					
Height ...	<u>1' 0"</u>					<u>3</u>					
Altitude ...	<u>242'</u>					<u>51</u>					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Total
January	<u>2.47</u>	<u>1.96</u>	<u>0.95</u>	<u>2.19</u>	<u>1.48</u>	<u>1.61</u>	<u>3.27</u>				<u>10.66</u>
February	<u>1.84</u>	<u>1.15</u>	<u>1.57</u>	<u>1.29</u>	<u>2.47</u>	<u>1.91</u>	<u>2.56</u>				<u>10.23</u>
March	<u>1.41</u>	<u>2.02</u>	<u>1.05</u>	<u>1.83</u>	<u>.98</u>	<u>.98</u>	<u>3.10</u>				<u>8.27</u>
April	<u>4.01</u>	<u>.74</u>	<u>2.89</u>	<u>1.87</u>	<u>.93</u>	<u>2.17</u>	<u>1.68</u>				<u>12.11</u>
May	<u>0.65</u>	<u>1.50</u>	<u>4.05</u>	<u>3.28</u>	<u>2.31</u>	<u>1.63</u>	<u>1.74</u>				<u>13.42</u>
June	<u>2.01</u>	<u>2.29</u>	<u>2.79</u>	<u>1.90</u>	<u>.65</u>	<u>3.08</u>	<u>6.27</u>				<u>12.72</u>
July	<u>3.49</u>	<u>1.19</u>	<u>3.85</u>	<u>2.30</u>	<u>.55</u>	<u>7.07</u>	<u>100</u>				<u>18.45</u>
August	<u>4.62</u>	<u>4.41</u>	<u>2.91</u>	<u>2.65</u>	<u>.36</u>	<u>6.38</u>					<u>21.33</u>
September	<u>.83</u>	<u>2.59</u>	<u>2.48</u>	<u>2.24</u>	<u>2.23</u>	<u>4.33</u>					<u>14.70</u>
October	<u>1.08</u>	<u>2.75</u>	<u>.60</u>	<u>5.79</u>	<u>3.85</u>	<u>3.30</u>					<u>17.37</u>
November	<u>3.99</u>	<u>2.78</u>	<u>2.22</u>	<u>2.10</u>	<u>.61</u>	<u>1.76</u>					<u>13.46</u>
December	<u>3.66</u>	<u>2.32</u>	<u>2.61</u>	<u>4.74</u>	<u>6.56</u>	<u>4.02</u>	<u>100</u>				<u>22.91</u>
TOTALS ...	<u>30.06</u>	<u>25.70</u>	<u>27.97</u>	<u>31.68</u>	<u>21.98</u>	<u>38.24</u>	<u>100</u>				<u>175.63</u>
	<u>D</u>	<u>D</u>	<u>D</u>	<u>D</u>	<u>D</u>	<u>D</u>	<u>D</u>				

1955 Prop. M.Cameron 24.5' g. below level knife edge.

Site off E corner of Res. truly steep several steps down from 50' to 20' at background road gauge level (steps a few ft N.E. of Reservoir). (See distribution of Rainfall.)

1957 Sta. terminated and instruments transferred to Fire Sta. Fraser Pier on 29.7.57., now site is 3 miles NNE of Caledonian Reservoir.

See note in front of 'Book'.

1960 Terminated.

28/665412

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 18/971005

Date.	Lat. N.	Leng.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge

Summary of Earlier Records from 10-year Sheets :

1916-1950, P- accepted

		1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d			Cont'd. 1922	✓	✓	✓