

# RAINFALL AT *Nest Calder Addiewell*

70

Lat. ....

Lon. ....

County of *Edinburgh*

Rain Gauge, by .....

Observer *J. Fyfe*

*Almond to -5.*

Diameter. ....											
Height. ....											
Altitude. ....											
Year .....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January. ....									3.70	.90	
February. ....									1.34	1.30	
March. ....									2.02	2.08	
April. ....									1.49	1.86	
May. ....									3.72	2.01	
June. ....									2.30	3.99	
July. ....									.80	6.58	
August. ....									4.28	4.51	
September. ....									5.17	3.30	
October. ....									4.11	2.57	
November. ....									1.71	2.50	
December. ....									1.40	2.26	
TOTALS ....									32.04	33.86	

# RAINFALL AT Nest Calder Addiewell

Lat. \_\_\_\_\_

 Lon. \_\_\_\_\_ County of Edinburgh

Rain Gauge, by \_\_\_\_\_

 Observer J Fyfe Esq
Humid etc - 5.

Diameter ....								5			
Height .....								6			
Altitude ....								695	600		
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	1.39	65	3.67	4.52	6.05	2.44	4.59	1.89	2.78	1.58	2.956
February ....	2.80	2.49	2.98	2.00	3.25	4.56	1.94	3.19	.81	2.86	2.688
March .....	2.97	3.40	4.71	.58	2.31	1.53	2.95	1.48	3.66	1.83	2.542
April .....	4.44	.41	2.88	1.45	.62	2.04	2.35	2.20	1.70	2.41	2.045
May .....	1.58	2.88	2.81	1.70	3.58	3.70	3.89	1.13	2.63	1.54	2.541
June .....	1.39	2.39	4.02	2.46	.92	1.05	2.36	1.04	1.84	1.01	1.848
July .....	3.16	4.60	5.47	4.18	4.84	1.28	2.26	2.62	6.00	3.70	3.810
August .....	.86	5.47	2.39	3.77	1.45	2.00	2.66	3.13	2.53	6.28	3.054
September ....	3.36	2.97	2.73	3.28	2.73	4.32	5.00	5.23	1.05	1.55	3.222
October ....	2.02	2.21	2.97	4.22	2.71	2.94	4.08	2.42	1.99	3.54	2.910
November ....	3.85	4.47	5.26	6.23	2.95	1.53	3.41	4.29	7.17	1.13	4.029
December ....	3.26	3.51	5.93	4.04	5.94	2.07	3.63	3.08	2.31	3.03	3.480
TOTALS ....	31.08	35.45	43.77	58.43	37.32	29.46	39.11	31.70	34.47	30.46	35.125

# RAINFALL AT West Calder Addiewell

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of Edinburgh

Rain Gauge, by \_\_\_\_\_

Observer \_\_\_\_\_

J. Fyfe Esq

Almond &c - 5.

Diameter ....	5											
Height .....	0 6											
Altitude ....	600											
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	5.67	2.32	2.28	.97	4.05	.38	1.94	.47	2.27	5.20	2.585	
February ....	.86	.70	1.40	3.45	8.46	.00	1.57	3.62	2.37	1.61	2.404	
March .....	3.50	4.62	.66	1.58	3.27	5.23	4.25	5.26	1.89	2.92	3.318	
April .....	1.38	.24	1.36	1.19	1.40	1.53	1.85	1.96	2.24	3.02	1.617	
May .....	2.27	2.56	3.06	1.58	2.81	1.00	.55	1.86	1.67	3.51	2.084	
June .....	3.36	1.66	3.62	2.51	3.17	1.53	2.97	5.63	2.23	1.36	2.804	
July .....	3.82	1.95	1.95	2.31	3.85	4.97	4.70	1.86	1.43	4.40	3.124	
August .....	4.15	6.30	6.32	3.16	4.33	6.26	2.09	3.60	4.34	.85	4.140	
September....	3.30	6.34	3.56	1.89	.49	1.37	5.92	2.30	4.13	3.26	3.256	
October .....	3.95	3.24	3.87	4.09	2.35	3.15	4.56	1.67	4.15	4.21	3.524	
November....	5.44	2.65	1.99	2.62	3.69	4.35	1.26	3.67	4.10	4.44	3.521	
December ....	2.85	8.46	2.36	4.44	3.30	4.34	5.43	6.39	3.64	2.47	4.368	
TOTALS ....	41.55	410.4	324.3	29.79	41.17	34.11	37.09	38.29	34.46	37.25	36.718	

1893 Addiewell Church 700 yards N.W. 1880

1894 House 1496 N.W.



# RAINFALL AT *West Calder Addiswell*

Lat. ....

Lon. ....

County of *Edinburgh*

Rain Gauge, by .....

Observer *J. Fyfe Esq*

*Hand & C-5.*

*West Calder*

Diameter ..	5											
Height ....	0	6										
Altitude ..	600											
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	TOTALS	MEANS.
January ..	4.87	1.95	2.07	4.19	3.51	1.98	5.10	2.54	4.51	5.70	3155	1901-09
February ..	2.72	1.09	1.01	4.83	3.47	2.37	2.19	2.51	2.12	2.22	2181	
March ....	1.24	1.84	1.93	6.76	1.80	3.98	3.32	3.06	4.09	3.58	3036	
April .....	2.53	2.75	1.41	1.26	4.55	2.32	1.40	1.50	1.29	2.70	1918	
May .....	2.04	2.34	1.53	1.53	3.22	1.31	4.88	4.26	1.88	1.65	2260	
June .....	2.69	2.31	2.19	1.93	2.13	.82	2.11	3.87	2.11	2.39	1986	
July .....	3.69	1.35	3.08	3.94	2.52	2.50	2.99	3.83	3.45	3.71	2737	
August ....	3.50	4.07	1.08	3.61	3.88	3.08	6.55	4.53	2.19	3.15	3214	
September ..	2.67	1.36	2.94	2.53	1.47	2.97	1.25	.82	5.20	2.15	2671	
October ....	4.70	2.76	1.70	6.61	1.89	2.15	7.56	9.05	.94	5.41	3807	
November ..	5.29	2.79	1.04	2.36	2.22	3.49	4.13	1.77	2.27	1.46	2153	
December ..	6.31	3.11	2.90	2.21	4.15	2.75	2.51	4.49	1.34	4.88	2834	
TOTALS ..	42.25	27.72	22.88	41.76	34.81	29.72	43.99	42.25	31.39	39.00	3135.2	

3135.2

1906 Roughly estd. for Glasgow Water VIII. 1913. as 4200 in

1906 roughly estimated  
for same info

1906 Late info. - Balance Received from M.D. Edinburgh 29.11.24

RAINFALL at West Calder, AddiewellCounty of MidlothianObserver Scott Meteorological Soc.River Basin Firth of Forth - R. Banketribes 3John Tyfe Esq (1911)J. W. Steven (1915)R. W. Mickle (1916)W. Fairley (1917)

Rain Gauge, by

Youngs Oil Co Ltd

Diameter ...	5						12						
Height .....	0 6						24 3						
Altitude ...	600						620						
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	SAMS	16.9
January ...	3.75	2.74	1.54	2.05	2.57	2.35	6.09	1.92	2.14	2.99	28.14	314	
February ...	5.23	4.99	1.91	2.18	3.47	3.20	5.02	1.00	4.76	1.06	32.82	184	
March .....	2.16	1.86	3.20	5.81	4.58	1.69	2.37	2.06	.63	2.16	26.52	708	
April .....	3.84	2.45	1.90	2.89	2.38	2.58	3.72	1.66	1.06	2.26	24.74	270	
May .....	2.26	1.90	1.44	1.91	2.34	1.79	5.38	1.75	2.38	.70	21.85	1021	
June .....	.91	2.60	4.90	2.61	1.01	1.54	2.89	2.48	.88	2.29	22.11	254	
July .....	3.45	1.59	2.67	1.37	2.84	4.19	3.88	2.45	2.69	1.36	26.49	1038	
August .....	6.07	.91	3.60	.76	3.04	3.01	5.07	7.12	2.03	2.73	34.34	1695	
September ..	.87	2.70	2.23	2.05	1.40	2.16	2.71	1.85	4.47	3.84	24.28	1287	
October ...	1.53	3.19	4.81	2.36	1.32	2.04	7.06	4.63	4.97	1.70	33.51	1896	
November ..	2.98	7.21	3.60	4.08	4.69	1.80	4.18	5.15	2.50	4.76	40.95	1659	
December ...	2.15	3.38	7.40	3.28	5.90	4.57	3.88	2.35	3.68	4.69	41.28	1460	
TOTALS ...	35.20	35.52	39.20	31.35	35.54	30.92	52.25	34.32	32.19	30.54	35.703	14930	44

D

1918  
 Building 21 H 66 H N.  
 27 H 76 S.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1916	55°50'44"	3°35'56"	Addiewell	500 yds	W	Addiewell	700 yds 936.	N.W.



RAINFALL at West Caldwell (Addiswell).County of MidlothianObserver Young's Oil Co. Limited.River Basin Hamod-5William Fairley Esq.  
R. G. Watson (1925)(1926) Howard Rain Gauge, by \_\_\_\_\_for Scotland's Oil Co. Ltd.

Diameter ...	12					12"						
Height .....	24.3					21'						
Altitude ...	620					620'						
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEAN.	Totals.
January ...	4.32	7.24	3.11	3.53	3.63	4.11	(4.56)	4.61	8.99	.92	5.62	5064
February ...	5.65	1.12	2.35	2.69	.63	3.71	3.94	1.79	4.66	.95	.34	2783
March .....	4.01	4.63	2.54	1.23	.90	1.77	3.14	2.86	2.09	.70	1.95	2582
April .....	2.64	1.58	1.79	2.95	1.45	5.36	2.47	2.51	1.21	1.49	.95	2460
May .....	4.44	2.02	2.72	2.34	4.15	5.07	3.19	2.12	1.98	2.15	1.77	3192
June .....	1.30	.31	1.92	1.50	1.92	.37	4.15	3.66	3.99	2.53	2.48	2413
July .....	2.76	3.21	3.98	4.17	2.84	1.89	2.90	3.82	3.03	3.27	4.29	3616
August .....	5.53	6.20	1.70	4.70	3.31	3.34	3.49	6.17	3.91	4.88	4.46	4766
September...	2.14	2.93	1.95	4.06	4.42	4.23	4.71	8.99	3.62	1.34	3.13	4152
October .....	1.05	3.96	1.88	4.97	3.52	2.93	4.77	3.68	4.84	4.82	4.37	4079
November...	3.07	1.27	1.78	3.90	2.02	.93	5.07	3.39	3.19	4.64	4.80	3406
December...	2.56	7.90	3.61	2.11	5.84	(3.20)	1.48	1.54	3.97	7.10	2.28	4159
TOTALS...	39.41	42.37	29.33	38.15	34.83	36.91	43.87	45.14	45.48	34.79	36.44	42672
	0	2	3	2		2	2	2	2	2	2	966

1920. Building 21 ft. 66 ft. N.

" " 27 " 76 " S.

" " gauge not moved "

1923. Adjusted for W.D.

1925. Dec. 8-31. G. damaged by frost. July G. moved 40 yds W.

1926. Jan. 1-9

1929 Buildings 26' high 7 yds S; 30' high 12 yds W; 30' high 30 yds N

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

Map, 2 miles to 1 inch Series

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	55° 51' 44"	3° 35' 56"	Addiswell	500 yds.	W.	Addiswell	930 yds.	N.W.

RAINFALL at *West Calder (Addiewell)*County of *Midlothian*Observer *Scottish Wils Ltd.,*River Basin *S. Almond & C.,*Type of Gauge *Standard*Annual Averages *35.7* in. based on *35* years obs. un-weighted. Period of average *1891-1925* Ref. *B. 17 N*

Diameter	12"											
Height	21' 0"											
Altitude	620'											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Totals
January	2.75	7.43	4.19	4.31	1.91	4.27	4.01	6.49	5.10	(1.39)		41.93
February	4.85	.17	1.78	.38	3.78	2.72	4.32	1.53	4.20	(.96)		24.68
March	1.24	2.24	1.32	3.03	1.58	1.94	2.41	3.11	4.34	2.55		23.76
April	1.64	3.56	2.33	3.34	3.89	1.11	1.76	.61	1.97	2.41		22.62
May	3.30	3.16	1.76	1.84	.75	.79	2.04	4.41	1.04	2.05		21.14
June	5.21	1.39	3.04	2.69	2.27	1.77	1.85	4.09	1.58	.97		24.86
July	3.70	3.47	5.11	3.37	1.41	4.62	3.47	3.65	4.54	6.08		37.42
August	3.28	.91	2.11	3.52	1.52	1.96	4.64	2.25	2.12	1.39		23.70
September	1.15	4.15	1.60	2.97	5.55	3.46	2.57	3.65	2.01	3.74		30.25
October	2.98	5.19	3.12	5.15	7.36	3.84	5.95	7.71	1.80	3.17		44.27
November	5.83	3.08	1.60	1.56	4.44	3.62	.41	7.10	6.60	4.97		39.26
December	3.52	8.30	.94	3.43	1.69	4.08	2.41	2.77	1.23	3.64		32.11
TOTALS	36.44	39.45	43.05	28.90	35.59	36.20	34.28	33.84	47.37	26.63	(33.31)	368.62
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.		246

1931. Building 26' high 21'5. Building 30' high 36'E. Building 30' high 90'N.

1940 Jan. &amp; Feb. part est. from nearby stations.

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
1931.			Addiewell	517 yds	557°W	Addiewell	930 yds.	S. 85°W

Station No.

5128

RAINFALL at West Calder (Addiewell)

4

County of Midlothian

Observer

Scottish Oils Ltd.River Basin S - Almond C.Type of Gauge HowardAnnual Average 35.7 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref B of N.

File No.

Diameter	12"				898	494						
Height	2'0"					1						
Altitude	620'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	0.95	3.84	2.89	4.10	2.69	2.17	3.57	7.98	(3.53) 4.03	2.46		Total 34.78
February	2.93	84	3.34	1.23	3.87	2.54	.94	(3.86) 4.36	(3.46) 3.46	9.89		26.70
March	2.80	1.73	2.09	.51	1.83	2.43	(3.80)	(2.56) 3.06	1.82	3.37		22.94
April	1.53	1.85	1.67	1.87	2.19	1.10	5.01	2.95	(2.84) 2.84	3.24		24.05
May	4.77	2.43	3.76	2.68	4.38	1.61	2.34	1.79	(1.74) 1.74	1.78		27.08
June	.57	.84	2.77	3.57	2.88	2.87	2.67	5.17	1.00	2.78		25.12
July	3.42	3.04	1.68	2.24	3.29	4.33	3.65	3.27	2.16	3.91		30.97
August	4.16	2.92	4.25	3.57	3.20	3.70	.10	(8.06) 8.58	3.41	4.47		37.86
September	.88	4.51	3.08	4.05	6.53	6.11	3.12	4.07	2.09	4.43		41.93
October	4.29	4.72	5.46	3.72	4.47	.86	1.59	(2.70) 3.70	4.82	3.24		35.87
November	2.20	.61	1.65	6.64	.49	4.52	5.57	(3.00) 3.50	(4.23) 4.23	4.36		33.35
December	2.29	2.85	1.59	3.58	2.87	3.47	3.71	4.73	7.19	2.01		34.29
TOTALS	30.79	30.30	34.23	37.76	38.69	35.71	36.07	58.16 52.46	37.91 40.91	42.94		374.56
	d	d	d	d	d	d	d	d	d	d		

1949. No. 4. report gauge badly damaged in winter of 1948-49, since when top of funnel used in conjunction with a zinc pile. The measurements were made in 1948 and corrected. New gauge ordered from 104 on 30.8.49. 30.267 60024

Nov. est Mo Ed.

Correl 90.1916-50 using rainfall data

100 101 143 106 120

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. 528

**RAINFALL** at Wool-Galder (Addenwale)

51

County of Midlothian Observer Scottish Oils Ltd.

River Basin S. Almond & L.

Type of Gauge Howard

Annual Average 35.7 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B. & N.

37.69 " " " " " 1916-1950  
On Imp. Station

1916-1950  
File No. P

Diameter ...	12"			5		898	494				
Height ...	21'0"			1'0"			1				
Altitude ...	620'			620'			51				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	4.11	3.98	1.15	4.02	2.25	2.07	5.20	3.00	1.17	3.19	
February ...	3.06	.82	1.28	2.88	1.59	1.62	3.05	2.09	1.19	3.59	
March ...	3.70	1.57	.83	2.20	1.79	2.23	3.13	1.52	1.60	1.81	
April ...	3.21	1.85	2.74	1.63	1.25	.61	1.84	1.96	2.31	-100	
May ...	2.22	1.78	2.25	4.54	2.99	1.77	1.87	3.65	1.37		
June ...	1.75	2.56	1.70	2.26	1.59	3.16	2.22	2.84	2.71		
July ...	3.66	2.21	4.90	2.65	1.72	4.82	3.73	6.20	3.93		
August ...	4.85	3.59	2.25	5.49	1.43	5.73	5.13	5.12	1.14		
September ...	2.32	2.48	3.02	5.24	2.55	3.49	2.20	4.17	.71		
October ...	0.98	2.72	1.90	8.11	1.99	2.98	3.84	2.00	3.58		
November ...	5.13	2.90	5.88	5.62	1.12	1.36	2.05	1.74	6.22		
December ...	4.78	3.18	4.14	5.40	5.73	5.05	4.59	5.35	4.20	-100	
TOTALS ...	39.77	29.64	32.04	49.34	26.00	34.89	38.85	39.64	30.13	-100	
	d	d	d	d	d	d	d	d	d	np	

1960 np. inc.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference NT26) 001626

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P- accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	
	- but D 16-19	D 20-22, 27-30, d 25-29	D 31-32, d 33-35, 40	✓ but D 49	