

Rainfall at Kenzie.

## Stirlingshire

Diameter of Gauge, ..... 6 in. Height above Ground, 1 ft. .... in. Above Mean Sea Level, ..... ft.

Forth Route - 1.

YEAR - -	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January - -	4.60						2.20	2.00	3.00	4.00	
February - -	2.50						3.90	1.20	1.10	4.70	
March - - -	3.30						10	2.30	.90	4.80	
April - - -	2.10						1.30	2.40	1.50	3.60	
May - - -	.20						3.80	1.50	2.70	.40	
June - - -	1.90						3.00	3.90	2.30	1.50	
July - - -	4.80						1.80	2.30	4.60	2.10	
August - -	4.00						3.70	1.60	2.80	1.50	
September -	.80						3.30	3.00	2.00	3.00	
October - -	1.70						1.00	1.70	4.20	2.60	
November -	1.90						.60	2.00	1.40	2.10	
December -							3.90	3.70	2.60	2.30	
TOTALS -	27.50						28.60	27.60	29.10	32.60	
	C						C	C	C	C	

6 in garden of 3 Acres

## RAINFALL AT Kerssen Falkirk.

Carl Zetland

Stirling

Rain } By  
 Gauge }  
 Diameter, 6 in.

Height above Ground, 1 ft. .... in.

Above Mean Sea Level, 103 ft.

Forth, R. bank - 1.

YEAR .....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January .....	3.80	2.00	4.60	6.00	3.00	2.80	4.70	3.50	4.30	4.20	4.090 +
February .....	2.10	3.00	.70	2.50	2.50	1.50	5.60	3.60	4.50	5.30	3.130
March .....	3.30	4.60	4.20	1.10	4.70	1.50	2.00	1.00	2.80	.80	2.400
April .....	.80	.80	2.20	2.70	1.20	.80	.90	3.35	3.10	.90	1.470 -
May .....	1.50	.80	3.00	2.00	2.00	2.80	.70	3.20	2.00	.70	1.870
June .....	4.40	2.00	2.40	2.50	3.00	1.10	1.50	2.10	.90	1.30	2.120
July .....	3.00	3.80	3.50	10.2	2.20	3.50	3.20	4.20	.10	1.10	2.470
August .....	3.00	5.70	3.00	3.00	1.20	4.20	3.40	2.60	4.40	1.00	3.150
September ...	1.10	4.60	1.90	3.20	3.60	.60	3.70	2.30	2.40	5.20	2.860
October .....	4.00	2.30	5.80	3.00	3.50	4.40	2.00	2.60	3.50	1.60	3.270
November ...	2.60	5.00	1.50	2.20	2.50	2.60	3.00	.60	2.20	2.40	2.460
December.....	2.10	1.30	4.60	3.80	2.40	2.80	4.00	1.90	4.70	4.30	3.270
TOTALS.....	31.70	35.90	37.40	32.10	31.00	28.60	35.50	30.95	36.90	28.80	32.960

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## RAINFALL AT Falkirk Mere

Lat..... Lom..... County of..... Stirlingshire  
 Rain Gauge, by..... Observer..... Earl of Zetland K.T.  
 Forth, R. bank - 1.

Diameter	8											
Height	1											
Altitude	18											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January	2.60	2.60	4.40	5.00	3.60	4.50	2.40	7.00	3.40	1.60	3.710	
February	2.20	3.30	2.60	90	80	1.80	4.40	3.20	1.30	1.80	2.230	
March	- 50	2.00	2.30	1.60	3.00	1.20	4.60	1.10	90	3.00	2.020	
April	80	4.80	.80	05	1.60	1.00	2.60	2.20	1.60	1.50	1.695	
May	2.20	.70	3.20	2.60	2.00	1.40	90	1.70	3.60	1.50	1.980	
June	1.90	1.30	5.50	1.30	.50	2.40	2.60	3.00	2.20	4.10	2.480	
July	1.10	3.60	3.20	4.20	3.70	2.40	1.70	3.40	.30	3.40	2.700	
August	.70	3.80	3.90	3.70	5.00	1.50	3.20	7.00	2.70	4.30	3.580	
September	2.60	2.00	5.60	4.60	2.90	3.10	3.70	1.20	2.80	2.60	3.110	
October	2.70	2.50	3.00	6.00	5.20	4.50	4.50	4.20	3.20	1.50	3.730	
November	1.20	2.40	4.30	2.00	3.20	4.50	2.70	4.30	2.10	1.20	2.790	
December	+ 3.00	3.20	4.20	2.50	2.80	4.40	6.70	3.00	2.00	2.70	3.450	
TOTALS	21.50	32.20	43.00	36.45	34.30	32.70	40.00	41.30	26.10	29.20	33.475	

C C C

# RAINFALL AT Falkirk, Kerse

Lat.

Lon.

County of Stirling

Rain Gauge, by

Observer J. McCall, Esq., C.E.

Farn. R. bank - 1.

A. F. Brown, Esq.

Diameter ....	8										
Height ....	1.0										
Altitude ....	151										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January .....	.80	70	3.50	3.60	6.20	2.80	4.00	2.30	1.70	1.80	2.740
February .....	2.40	3.80	3.20	1.10	2.50	2.80	.80	2.00	.50	.90	2.000
March .....	2.60	2.20	3.10	.90	2.60	1.20	2.80	1.70	3.50	1.10	2.200
April .....	2.90	.70	2.30	1.30	.80	.80	1.30	2.10	1.10	2.70	1.600
May .....	.50	1.90	1.40	1.20	3.30	2.20	3.50	.40	2.50	3.50	2.040
June .....	1.00	2.50	2.80	1.60	.50	.40	1.30	.40	2.20	.50	1.320
July .....	4.90	3.50	2.30	4.70	4.50	.80	2.30	2.20	5.40	2.40	3.300
August .....	.40	3.60	1.50	3.80	1.40	2.00	1.40	3.10	1.90	5.00	2.410
September .....	2.50	2.10	1.70	1.90	2.20	4.20	4.40	3.20	.70	1.10	2.400
October .....	.90	2.00	3.40	3.40	2.80	1.90	3.70	1.50	1.70	3.30	2.460
November .....	4.50	4.10	4.60	5.10	2.80	1.40	2.80	3.00	5.90	1.00	3.520
December .....	3.50	2.20	4.40	2.80	5.80	1.50	3.00	1.90	2.50	2.20	2.980
TOTALS .....	26.90	29.30	34.50	31.40	35.40	22.00	31.30	23.80	29.60	25.50	28.970

## RAINFALL AT Falkirk Kense

Lat.

Lon.

County of

Stirling

Rain Gauge, by

Observer

G Brown Esq

Forth, R. bank - 1.

Diameter .....	8										
Height .....	10										
Altitude .....	18										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January .....	6.20	2.60	1.90	1.40	5.30	1.10	1.40	1.00	1.90	6.10	2.890
February .....	.60	.30	2.30	3.80	9.60	.10	1.40	2.70	2.30	2.10	2.520
March .....	2.00	2.70	.90	.50	3.40	2.90	2.90	4.20	1.10	3.10	2.270
April .....	1.10	.50	.40	.90	1.20	1.90	1.20	1.50	1.90	3.60	1.3420
May .....	1.60	1.50	3.60	1.90	2.20	2.10	.40	2.20	2.40	4.00	2.190
June .....	2.60	.60	3.20	1.40	2.80	1.20	3.80	4.90	1.90	1.70	2.410
July .....	2.80	2.20	1.30	1.20	2.70	4.20	3.70	1.60	.80	3.10	2.360
August .....	3.30	4.70	7.20	2.30	4.50	6.10	2.00	4.20	3.50	1.00	3.880
September .....	2.90	4.40	3.00	1.50	.00	1.40	3.20	2.10	4.20	3.20	2.590
October .....	2.00	2.20	3.60	3.20	4.20	2.40	2.80	1.40	5.20	2.20	2.920
November .....	5.90	2.40	2.60	1.50	2.60	3.40	.60	3.00	4.70	4.60	3.120
December .....	1.60	6.20	1.30	3.30	2.50	4.20	4.60	4.70	5.50	3.30	3.700
TOTALS .....	32.60	30.30	31.30	22.90	41.00	31.00	28.00	33.50	35.40	38.00	32.400

1897 Grangemouth Ch 1330 yards NE

Fruit tree 10 to 12 ft. high 15 ft. small sides but wide apart

1860

## RAINFALL AT Falkirk Kerso

Lat. \_\_\_\_\_ Lon. \_\_\_\_\_ County of Stirling  
 Rain Gauge, by \_\_\_\_\_ Observer C Brown Esq  
 New Gauge Tenth, Bank - I.

Diameter .....										5	
Height .....										.10	
Altitude .....										18	
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January .....								4 (1.00)	1.97	5.68	
February .....								2.71	2.49	2.12	
March .....								4.32	1.16	3.16	
April .....								1.51	1.92	3.73	
May .....								2.24	2.40	3.97	
June .....								4.97	1.95	1.72	
July .....								1.60	.90	3.20	
August .....								4.40	3.54	.99	
September .....								2.20	4.21	3.27	
October .....								1.46	5.34	2.36	
November .....								2.76	4.82	4.56	
December .....								4.73	5.50	3.24	
TOTALS .....								33.90	36.20	38.00	

1897 Grangemouth Ch 1330 yards NE

- 14 Jany New gauge fixed January value from Old gauge  
 Front 10 to 12 ft high 15 ft overall sides but wide apart

## RAINFALL AT Falkirk House

No. 1 gauge

Lat.

Lon.

County of

Stirlingshire

Rain Gauge, by

Observer

C. Brown Esq.

Old Gauge Forth, R. bank - 1.

Diameter ..	8										
Height ....	10										
Altitude ..	18 ft										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.70	2.80	2.60	7.90	3.00	1.30	4.30	1.40	4.50	4.50	3.700
February ..	2.70	.60	1.40	7.90	2.80	1.80	2.00	3.60	1.80	1.30	2.590
March ..	1.10	2.40	2.10	8.60	1.80	3.50	3.60	3.00	3.90	2.70	3.270
April ..	2.00	2.60	.70	1.50	4.00	1.40	.90	1.30	1.10	3.10	1.860
May ..	1.70	1.60	1.70	1.20	2.70	1.50	4.30	4.00	2.70	2.60	2.400
June ..	3.50	2.30	1.80	2.00	1.20	.70	1.50	3.80	1.80	1.70	2.030
July ..	2.60	1.20	2.70	4.20	1.70	2.90	2.40	2.20	3.00	2.60	2.550
August ..	3.60	3.90	2.90	4.10	4.10	3.40	4.40	4.20	2.60	2.40	3.560
September ..	3.20	1.70	1.80	2.30	2.00	1.40	2.00	1.00	4.50	1.70	2.160
October ..	4.70	2.80	1.30	6.70	1.20	2.40	4.40	5.20	1.60	4.30	3.460
November ..	4.50	2.60	1.50	1.60	1.50	4.00	3.60	1.90	2.90	.80	2.490
December ..	5.90	3.30	3.60	2.20	3.70	3.20	2.60	5.00	1.90	5.80	3.720
TOTALS ..	40.20	27.80	24.10	50.20	29.70	27.50	36.00	36.60	32.30	33.50	33.790

1900 Fargenmouth Church 1.330 yards NE

fruit trees 10 to 12 ft high 15 ft on all sides

1904 Fargenmouth Station 1630 yards NE

## RAINFALL AT Falkirk Kersse No. 2 gauge

Lat.

Lon.

County of

Stirlingsh

Rain Gauge, by

Observer

C Brown Esq

New Gauge Fork, R. bank - 1.

Diameter ..	5										MEANS.
Height ..	0.10										
Altitude ..	18										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	
January ..	4.77	2.20	2.59	7.56	3.10	1.25	4.51	1.43	4.45	4.64	56.50
February ..	2.63	.81	1.36	7.85	2.89	1.86	1.41	3.26	1.85	1.19	25.11
March ..	.98	2.30	2.10	8.66	1.81	3.40	3.43	2.88	3.99	2.58	32.13
April ..	2.07	2.54	.68	1.57	4.09	1.33	.98	1.15	1.00	2.70	18.11
May ..	1.73	1.56	1.79	1.26	2.77	1.45	4.36	4.16	2.65	2.48	24.21
June ..	3.58	2.23	1.92	1.80	1.27	.70	1.43	3.90	1.80	1.47	20.10
July ..	2.59	1.17	2.63	4.22	1.67	3.00	2.43	2.13	3.15	2.40	25.39
August ..	3.55	3.92	2.00	4.19	4.11	2.89	4.49	3.94	2.63	2.18	33.90
September ..	3.10	1.69	1.86	2.26	2.10	1.35	1.88	1.50	4.51	1.59	21.84
October ..	4.77	2.84	1.46	6.58	1.24	2.34	4.46	5.30	1.64	4.39	35.02
November ..	4.40	2.59	1.60	1.30	1.40	4.07	3.67	1.91	2.98	.70	24.62
December ..	5.80	3.43	3.47	2.18	3.80	3.26	2.53	5.12	2.00	5.82	37.40
TOTALS ..	39.97	27.28	23.46	49.43	30.25	26.89	35.58	36.68	32.65	32.14	334.32 55.6

1901 Grangemouth Ch 1330 yards NE

Fruit trees 10 to 12 ft high 15 ft on all sides

1904 Grangemouth Station 1080 yards NE

## RAINFALL at Falkirk Kense No. 1.

County of Stirling

Observer

C. Brown Esq.

River Basin Forth - Right bank trib. 1.

Rain Gauge, by

Diameter ...	8														SUMS 61.9
Height .....	10														710
Altitude ...	187														750
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.				
January ...	4.70	1.80	2.30	3.10	3.40	1.90	4.50	1.30	4.20	2.90					710
February ...	3.40	4.90	2.60	3.00	2.50	3.10	3.90	6.60	4.70	1.90					690
March .....	2.00	2.00	3.20	3.10	3.00	1.30	2.60	1.80	.80	2.40					750
April .....	3.80	1.90	1.50	3.50	2.70	1.70	2.10	1.30	.60	1.50					550
May .....	1.30	1.50	1.00	2.70	3.20	1.40	4.60	2.30	2.20	.60					970
June .....	90	.90	5.20	1.70	.30	2.10	2.90	2.20	.30	1.40					680
July .....	3.50	2.00	2.30	.70	3.50	2.90	3.70	2.40	3.10	1.00					1020
August .....	5.80	1.70	4.30	.70	3.00	4.00	3.20	5.30	3.40	2.20					1410
September ..	.60	1.60	1.20	2.70	.90	1.70	.90	1.60	4.40	1.80					870
October ...	2.40	3.20	3.10	1.50	1.50	3.00	6.20	4.40	4.30	.90					1580
November ..	3.10	5.20	3.00	4.50	4.40	1.20	3.70	5.10	2.30	4.90					1600
December ...	1.60	3.50	6.90	2.90	6.90	4.90	3.50	2.00	2.80	4.20					1250
TOTALS ...	33.10	30.20	35.60	34.30	35.30	29.20	41.70	30.30	33.10	35.30	34.10				130.40

1913. Small trees 10-12 ft high 15 ft on all sides but wide apart

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911			Grangemouth	1330 yds. NE.		Grangemouth	1330 yds. NE.	

## RAINFALL at Falkirk, Kense No.2.

County of Stirling Observer C. Brown Esq.

River Basin Forth Right bank trib. 1.

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

Diameter ...	5										
Height .....	0 10										
Altitude ...	18 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	4.46	1.70	2.40								
February ...	3.33	4.85	2.70								
March .....	1.97	1.95	3.32								
April .....	3.50	1.95	.40								
May .....	1.10	1.40	1.20								
June .....	.94	1.00	5.30								
July .....	3.30	1.85	2.20								
August .....	5.66	1.60	4.20								
September ...	.62	1.53	1.30								
October ...	2.32	3.25	3.15								
November ...	3.20	5.30	3.10								
December ...	1.80	3.60	6.80								
TOTALS ...	32.20	29.98	36.07								

1915. Out of order.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911.			Grangemouth	1330 yds NE.				
1912						Grangemouth	1330 yds NE	

## RAINFALL at Falkirk, Kinc.

County of Stirling

Observer G. Brown Esq.

River Basin Forth - Right Bank trib. 1.

1922 (See Smith, Esq.)

M.O. Rain Gauge, by  
(New Nov. 1924)

Diameter ...	6			8				5				
Height .....	1	0		1	0							
Altitude ...	18			18								
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEAN.	
January ...	4.20	5.50	3.90	2.90	3.20	4.40	4.63	3.68	7.30	1.48	4.10	46.37
February ...	5.20	.50	2.60	3.20	.50	3.23	3.98	1.40	5.20	1.23	.31	28.65
March .....	2.90	4.80	2.80	1.40	.80	1.95	2.30	2.50	2.20	.37	2.07	24.61
April.....	1.40	.90	1.50	3.10	1.40	3.69	1.70	1.90	.90	1.40	.52	18.41
May .....	3.10	1.30	2.50	1.60	5.60	5.10	2.62	1.68	1.80	2.39	1.30	29.49
June .....	2.00	.50	1.80	1.50	2.70	.35	2.15	3.30	5.10	2.30	2.72	34.42
July .....	1.90	2.50	3.00	2.60	2.80	1.30	4.20	4.04	1.77	2.90	3.85	30.36
August .....	5.40	5.40	1.70	5.20	2.90	2.68	2.18	6.20	4.10	4.32	5.16	45.24
September...	1.70	1.90	2.00	3.50	3.70	2.93	3.60	6.20	3.00	.58	3.65	32.76
October.....	.90	2.40	1.50	2.60	2.90	2.74	4.66	4.60	5.00	4.00	4.80	36.10
November...	3.00	2.50	1.80	2.40	2.20	.54	5.60	2.60	4.40	5.40	3.10	33.54
December...	3.20	5.10	3.40	2.50	4.40	2.75	.70	1.70	3.65	6.38	2.66.	36.44
TOTALS...	34.90	33.80	28.50	33.20	33.10	31.69	38.32	39.80	44.42	32.75	34.31.	384.79

1923 ? low

New gauge &amp; tapered measure supplied per M.O.A. Nov. 1924.

1926 New gauge.

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
1911			Grangemouth	13307ds	N.E.	Grangemouth	13307ds

RAINFALL at Gairloch (Kyles) (Coastal Plain) andCounty of StirlingObserver George Smith.River Basin 1-Forth - Right Bank.Robert Johnston.

Type of Gauge.....

Annual Average 31.2 in. based on 35 years obs. un-weighted. Period of average 1.81-1.85 Ref. Box N

Diameter	5	8	8								Means	Total	
Height	1.0												
Altitude	18'												
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means		
January	2.55	5.00	3.35	4.70	1.80	3.00	2.60	6.30	4.00	(2.00)	3.500		
February	2.60	0.04	2.45	1.18	3.10	2.00	4.55	1.00	4.90	1.00	21.82		
March	1.75	2.50	1.50	2.61	1.10	1.95	2.00	1.90	2.00	2.70	20.01		
April	1.30	2.60	2.40	3.00	2.30	1.10	1.34	2.20	1.80	3.20	17.54		
May	3.40	2.65	1.70	1.45	1.32	1.65	2.00	4.00	1.90	2.90	20.27		
June	4.90	1.80	1.90	1.95	3.52	1.40	1.65	3.30	1.30	1.50	20.22		
July	4.00	2.60	4.35	3.20	1.00	4.60	3.80	2.76	3.80	4.20	34.31		
August	3.60	1.54	1.30	3.00	2.16	2.00	4.50	3.70	2.10	1.00	20.16		
September	1.60	3.60	1.95	2.60	3.65	2.50	2.20	2.50	1.40	2.10	22.10		
October	2.45	4.50	2.20	3.50	4.30	7.00	2.40	3.85	4.50	2.30	3.80	36.50	
November	6.32	2.63	1.90	1.80	3.80	2.40	2.40	5.12	1.65	3.70	33.37		
December	1.40	6.95	1.53	2.85	2.14	2.60	1.90	2.00	1.80	3.00	24.47		
TOTALS	35.47	34.41	22.13	29.84	31.58	26.60	29.79	35.68	30.15	30.10	305.75		

1940 from 100 stations

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

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

RAINFALL at Falkirk, Kessle (Carried from Gauge card).  
 County of Stirling Observer Gove Smith Esq.,  
Kessle Estates, Ltd.  
 River Basin West right bank Robert Johnston.  
 Type of Gauge.....

Annual Average..... in. based on..... years obs. un-weighted. Period of average..... Ref.....

Diameter	5											
Height	1.0											
Altitude	18											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	4.92	3.40	4.77	1.47	3.10	2.83	6.37	4.04	(2.07)			
February	.04	2.50	.18	3.15	2.00	4.65	1.10	4.90		1.12		
March	2.50	1.53	2.64	1.22	2.08	2.06	2.00	2.00		2.73		
April	2.70	3.10	2.38	1.20	1.46	2.6	1.48	3.20				
May	2.77	2.78	1.46	1.36	1.72	1.95	4.10	1.00		2.94		
June	.88	92	1.94	3.61	1.40	1.70	3.45	1.34		.47		
July	2.65	4.50	3.23	1.00	4.68	3.83	2.75	3.75		4.24		
August	.54	1.31	3.00	2.18	4.50	3.68	2.15	.79		1.01		
September	3.65	.96	2.73	3.82	2.23	7.20	1.44			2.15		
October	4.58	2.24	4.40	7.10	3.90			2.35		3.85		
November	2.65	1.93	3.83	7.42	.22	4.85	7.30			3.78		
December	7.10	.57	3.00	2.12	1.92	2.00				3.10		
TOTALS	34.98	22.64	30.45	32.24	27.10	30.43	36.23	30.39		30.66		

1940 Jan. estd.

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

Station No.

5346

## RAINFALL at Falkirk (Kers)

41

County of Clackmannanshire

Observer Robert Johnston, Esq.

River Basin - Firth - Right Bank

Type of Gauge.....

Annual Average 31.9 in. based on 35 years obs. unweighted. Period of average 1881-1915 Ref. B.J.N.

File No.

Diameter	8"										*	
Height	1' 0"											
Altitude	18'											
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	1.50	(4.80)	3.90	3.20	(2.50)	4.00	2.80	6.10	3.70	2.60		Total 19.35.10
February	3.25	(1.50)	2.40	.80	(4.30)	2.30	(1.00)	3.60	3.30	3.00		26.75
March	2.80	(1.70)	2.10	(.40)	(2.30)	1.90	(3.20)	2.60	.54	3.10		20.64
April	1.20	(2.60)	1.80	(2.00)	(1.40)	.50	4.50	2.60	2.70	1.80		21.10
May	4.20	2.40	3.30	(2.80)	(4.50)	1.50	(3.10)	1.50	1.70	(6.0)		26.60
June	.50	1.30	2.60	2.30	(3.50)	2.30	(3.60)	5.10	.80	1.70		23.70
July	4.10	1.40	2.00	2.40	3.60	3.20	2.70	3.70	2.00	4.60		29.70
August	3.00	2.60	3.20	3.00	(2.25)	3.50	0.00	6.90	3.30	3.70		31.45
September	.80	5.00	8.90	3.40	(3.50)	4.90	(3.00)	3.50	1.20	5.90		34.10
October	(3.50)	3.00	5.90	3.20	(4.20)	.60	(1.50)	3.20	5.00	3.20		33.30
November	(2.40)	1.00	1.60	6.80	.10	5.20	4.60	3.00	2.60	3.00		30.30
December	(2.50)	2.50	1.40	3.60	2.60	3.70	1.70	3.90	5.90	2.20		30.00
TOTALS	29.75	(29.80)	53.40	33.90	(34.75)	33.60	32.70	45.70	32.74	36.40		342.74

1941 Oct - Nov - Dec app. 1942. Jan - April corr'd for weekly avg.

16.00	71.244	38.140	Q2004
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1944 Mar - May app.

1945 n.p. too much est. Jan - April app. May, June, Aug, Sept &amp; Oct. part est'd. Gauge leaking after frost of March - now rechained

1946 n.p. check for 53.46/1

1947 monthly app. where accumulative.

1950 April / May partly est. n.p. check.

\* not used. See Memo  
71/508 (Edin)  
in AFM 1203/71

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

Station No. 5346

## RAINFALL at Falkirk (Kerne) new gauge

41

County of Stirling

Observer Robert Johnston, Esq. C.E.

River Basin - Firth of Forth - Right Bank

Type of Gauge Standard

Annual Average 31.8 in. based on 25 years obs. un-weighted. Period of average 1881-1915. Ref. B.T.N.

Adapted from 5346

File No.

Diameter	5"			896	729						
Height	1' 0"				1						
Altitude	18'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.50	(4.90)	3.58	3.23	(2.50)	4.00	2.80	6.18	3.71	2.60	
February	3.26	(1.50)	2.76	.87	(4.33)	2.30	(2.00)	3.60	3.30	3.00	
March	2.84	(1.75)	2.16	(.43)	(2.36)	1.97	(3.27)	2.60	.54	2.13	
April	1.24	(2.60)	1.77	(2.00)	(1.43)	.52	4.55	2.60	2.65	1.80	
May	4.21	2.40	3.36	(2.81)	(4.50)	1.50	(3.10)	1.56	1.74	(1.60)	
June	0.50	1.30	2.60	2.36	(3.50)	2.31	(3.60)	5.12	.80	1.72	
July	4.18	1.34	2.02	2.41	3.63	3.24	2.70	3.75	2.10	4.62	
August	3.00	2.60	3.20	3.00	(2.25)	3.47	0.00	6.91	3.30	3.70	
September	0.84	5.00	2.91	3.45	(3.50)	4.90	(3.00)	3.50	1.20	5.93	
October	(3.50)	3.00	5.96	3.20	4.18	.65	(1.54)	3.15	5.00	3.24	
November	(2.42)	1.00	1.59	6.80	.12	5.26	4.60	3.00	2.60	3.00	
December	(2.50)	2.56	1.43	3.60	2.62	3.70	1.70	3.90	5.90	2.26	
TOTALS	29.99	(29.95)	33.64	34.16	(34.92) m.p.	33.82	32.86	45.87	32.84	36.60	

Oct. Nov - Dec app. Jan - April cond. very nearby stns.  
 1944 March May app. 16000 77204 33140 02004

1945 n.p. too much est. Jan - April app. May June Aug & Sept. part est'd. gauge leaking after end  
 of March - stopped in 1945

1947 months app. where accumulative

1950 April/May partly est.

Reference details not available

00070	44004
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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

Station No. 5346

51

## RAINFALL at Falkirk (Kerse)

County of Stirling

Observer Robert Johnston Esq., C.E.

River Basin North Right Bank - 1

Type of Gauge.

Annual Average 31.9 in. based on 35 years obs. un-weighted. Period of average 1881-1915  
 33.25 " " " 1916-1950 Ref. Br. N.  
 File No. P

Diameter	8"										
Height	1' 6"										
Altitude	18'										
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	3.80	2.40									
February	2.30	.30									
March	2.40	2.60									
April	2.10	1.00									
May	1.80	.50									
June	2.00	2.40									
July	5.40	2.50	X								
August	4.20	-100									
September	2.00										
October	1.00										
November	4.50										
December	5.10	-100									
TOTALS	36.60	-100 inc NP.									

1951 N.P. check. 1952. Part dried gauge stolen

Position of Station on Ordnance One-Inch map :			No. of Map	National Grid Reference		
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.

## Summary of Earlier Records from 10-year Sheets :

1916-1950, P (Sub) - accepted

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

Station No. 5346/1

## RAINFALL at Falkirk (Kers) new gauge

51

County of Stirling

Observer Robert Johnston Esq. C.E.

River Basin Forth - Right Bank - 1

Type of Gauge Snowdon.

Annual Average 31.9 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. BofN

Adapted from 5346

33.6

File No.

Diameter	8"	5"	8"	5"	896	729		
Height	10'						1	
Altitude	18'						51	
Year	1951	1952	1953	1954	1955	1956	1957	1958
January	3.86	2.40	(0.83)	3.45	2.66	2.20	5.15	2.55
February	2.27	0.35	(1.02)	2.51	2.20	1.30	3.32	2.10
March	2.34	2.60	0.81	2.55	2.41	1.70	2.69	1.45
April	2.10	1.05	1.63	(1.70)	.91	.63	1.34	1.19
May	1.80	0.50	1.80	(4.10)	3.29	1.75	2.44	2.71
June	2.00	2.41	1.17	2.25	1.08	3.30	1.48	3.18
July	5.40	2.50	4.17	2.75	.92	4.23	3.12	6.09
August	4.20	3.00	1.75	4.15	1.11	5.26	3.48	3.94
September	2.00	1.10	3.71	3.82	2.14	3.93	1.90	3.22
October	1.00	2.25	1.24	8.90	2.00	2.42	2.63	(2.20)
November	4.53	1.65	3.82	4.55	1.53	.63	1.56	(1.30)
December	5.12	2.50	3.65	4.22	5.70	3.79	4.15	(5.30)
TOTALS	36.62	22.21	25.60	(44.95)	25.95	31.14	33.26	35.23
	M	M	M	M	M	M	M	M

1953 Jan 9 Feb. part. est. 1958 Oct-Dec appd 00070

6000 4/06004

1956 MP low

1956. Fruit trees 12'-15' high, 18' tall dried

1957 " 15 " 20° E + NE

1960 } " 10 " 10° SE

1960 } " Gorse 40' high 35 yrs W.

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference 56912817...

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

Summary of Earlier Records from 10-year Sheets :

1956

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
	C1866.			C 1932 NR 1941	VNP. 45	-