



Kurdistan Region Government

Ministry of Planning

Kurdistan Region Statistics Office

Weather Statistics in Kurdistan Region Governorates for the years 2012-2021

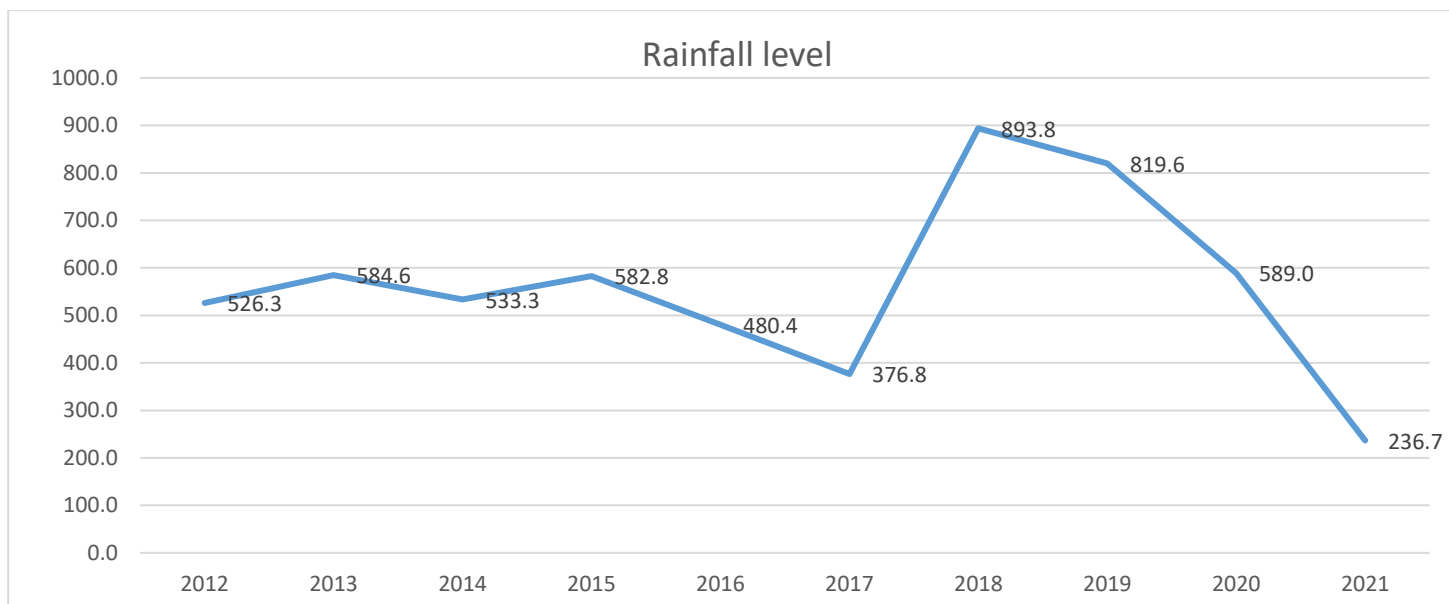
Agriculture and Environment Statistics Department

2022 July

Average rainfall in the Kurdistan Region in 2012-2021/mm

years	Erbil	Dohuk	Sulaimany	Halabjah	Kurdistan Region
2012	366.4	529.2	683.2		526.3
2013	431.8	729.4	624.7	552.6	584.6
2014	388.6	699.1	685.9	359.6	533.3
2015	422.3	505.8	791.2	612	582.8
2016	375.8	511.1	655.3	379.2	480.4
2017	265.6	358.4	484.8	398.4	376.8
2018	733.6	953	1235	653.3	893.8
2019	602	909.4	1028	739	819.6
2020	417.2	696	739.7	503.2	589
2021	196.2	231.7	291.9	226.8	236.7

Average rainfall in the Kurdistan Region in 2012-2021/mm



Rainfall level in Kurdistan region for the years 2012-2021 / mm

Station: Erbil													
Year	Month												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
2012	56.1	31.5	72.1	14.5	26.8	T.R	T.R	0.0	0.2	23.4	45.9	95.9	366
2013	174	55.8	17.7	37.4	40.6	0.0	0.0	0.0	T.R	0.2	19.1	86.6	432
2014	74.9	8.2	93.4	14.7	2.5	0.0	0.0	1.0	0.0	68.7	69.2	56.0	389
2015	37.4	44.3	56.8	17.3	5.4	0.0	0.0	0.0	4.5	36.4	104.4	115.8	422
2016	45.6	33.0	103.5	46.4	6.4	2.5	0.0	0.0	0.0	T.R	22.3	116.1	376
2017	37.9	23.4	77.8	55.8	3.7	T.R	0.0	0.0	0.0	T.R	37.6	29.4	266
2018	44.0	164.4	8.0	77.9	74.6	1.7	0.0	0.0	0.0	42.3	132.9	188	733.6
2019	119.1	64.2	220.1	123.5	5.4	0.7	0.0	T.R	0.0	19.3	3.9	45.8	602
2020	101.4	55.7	126.5	43.2	14.3	1.5	0.1	0.0	0.0	0.2	45.4	28.9	417.2
2021	40.0	24.6	27.8	0.3	3.4	0.0	t.r	t.r	0.0	4.4	4.0	91.7	196.2

T.R: rain is less than 0.03 mm

Station: Sulaimany													
Year	Month												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
2012	109.2	94.6	175.0	19.6	34.8	0.0	0.0	0.0	0.0	32.3	92.7	125.0	683.2
2013	171.5	54.4	15.0	30.3	0.0	0.0	0.0	0.0	0.0	0.5	166.4	186.6	624.7
2014	98.0	12.0	174.8	56.9	8.5	0.0	0.0	0.0	0.0	64.4	153	118.3	685.9
2015	119.6	82.1	112.9	29.5	20.0	0.0	0.0	0.0	14.1	132.6	194.1	86.3	791.2
2016	110.2	91.5	156.8	69.8	5.5	0.0	0.0	0.0	0.0	2.5	33.2	185.8	655.3
2017	53.0	85.3	144.7	58.0	25.0	0.0	0.0	0.0	0.0	2.8	103.6	12.4	484.8
2018	89.4	400.0	34.3	124.5	69.6	0.0	0.0	0.0	0.0	84.6	116.7	316.1	1235.2
2019	151.2	156.9	265.7	177.3	44.1	4.6	0	0	0	71.8	11.9	144.5	1028.0
2020	104.1	136.5	184.8	74.4	13.4	0.1	0.0	0.0	0.5	0.0	204.2	21.7	739.7
2021	65.4	71.4	30.4	10.7	4.2	0.0	0.0	2.0	0.0	18.5	17.2	72.1	291.9

Station :Duhok													
Year	Month												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
2012	101.9	80.7	109.8	8.5	2.7	0.6	1.4	0.0	0.0	0.0	54.6	169.0	529.2
2013	306.4	100	47.4	26.7	28.4	0.5	0.0	0.0	2.2	2.7	129.1	86.0	729.4
2014	168.2	8.2	134.5	22.1	15.9	6.1	0.0	0.3	2.5	111.9	153.5	75.9	699.1
2015	82.4	64.6	71.4	40.2	9.6	T.R	0.0	T.R	12.2	38.2	80.1	107.1	505.8
2016	144.0	65.7	104.1	58.6	3.8	1.6	0.0	0.0	T.R	8.8	22.6	101.9	511.1
2017	60.3	20.4	102.9	81.1	33.4	0.0	0.0	T.R	0.0	4.7	33.7	21.9	358.4
2018	76.0	121.5	19.3	121.9	120.6	1.1	T.R	0.0	0.0	66.0	181.1	245.5	953.0
2019	143.6	85.0	264.0	174.7	39.6	0.8	0.0	1.3	0.0	43.3	19.3	137.8	909.4
2020	110.7	131.7	282.0	68.5	16.2	1.0	trs	0.8	0.0	1.6	39.7	43.8	696.0
2021	112.8	27.0	41.0	0.9	1.1	0.0	0.0	trs	0.0	2.4	2.0	44.5	231.7

T.R: rain is less than 0.03 mm

Station :Halabjah													
Year	Month												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
2012													
2013	151.8	57.0	15.6	25.6	59.0	0.0	0.0	0.0	0.0	0.2	113.0	130.4	552.6
2014	38.8	13.0	0.4	16.0	1.2	0.0	0.0	0.0	0.0	78.0	152.0	60.2	359.6
2015	75.2	73.0	67.6	9.2	0.0	0.6	0.0	0.0	3.6	170.8	133.8	78.2	612.0
2016	105.2	69.2	117.2	65.6	10.4	0.0	0.0	0.0	0.0	0.8	10.8		379.2
2017	58.2	94.8	110.8	64.2	18.4	0.0	0.0	0.0	0.0	0.2	51.8		398.4
2018	36.2	97.0	5.2	50.0	22.4	0.0	0.0	0.0	0.0	37.7	112.8	292.0	653.3
2019	139.2	118.2	176.8	117.8	20	0	0	0	0	46.29	7.4	113.3	738.9
2019	143.6	85.0	264.0	174.7	39.6	0.8	0.0	1.3	0.0	43.3	19.3	137.8	909.4
2020	91.4	68.1	124.3	83.6	10	0	0	0	0	0	97.8	28	503.2
2021	60.8	36.2	21	3.4	1.2	0	0	0.2	0	5	44.4	54.6	226.8

*Weather data has not been recorded in Halabjah governorate due to not being a weather recording station there in 2012.

The rate of Humidity in Kurdistan Region governorates 2012-2021

Humidity rate %										Erbil
Year										Month
2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	
80.6	80.9	73.6	61.6	68.8	76.4	72.5	72.1	73.9	74.4	January
76.2	78.9	71.6	71.6	63.5	65.3	68.4	56.0	75.6	63.6	February
60.1	73.8	74.4	57.2	65.5	55.2	64.3	66.2	61.6	61.7	March
48.9	66.7	71.3	52.1	58.3	53.9	52.2	48.6	53.9	49	April
39.1	55.6	45.0	50.5	38.1	40.5	34.5	39.8	47.7	41.5	May
31.9	37	32.8	38.0	35.0	32.0	33.2	30.3	31.2	25.8	June
33	29.5	31.8	34.3	32.2	27.3	25.4	29.1	29.1	22.1	July
29.5	35.1	31.9	31.2	31.3	30.5	30.8	28.3	28.7	28.5	August
36.5	33	32.9	32.0	31.3	39.4	29.9	39.8	37.8	29.0	September
48.1	38.9	47.9	47.5	44.1	41.0	54.6	58.6	39.4	48.6	October
57	66	52.7	73.6	62.0	47.5	69.8	65.6	67.9	64.6	November
77.9	71.1	76.1	82.1	60.1	76.4	67.7	74.7	66	77.2	December
51.57	55.5	53.5	52.6	49.2	48.8	50.3	50.8	51.1	48.8	Average

Humidity rate %										Duhok
Year										Month
2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	
61	75	72.0	67.0		76.0	71.0	69.0	76.0	70.0	January
63	74	73.0	71.0		78.0	71.0	55.0	74.0	60.0	February
56	66	73.0	57.0		69.0	69.0	63.0	56.5	59.0	March
38	58	68.0	55.0		52.0	66.0	53.0	51.5	53.0	April
31	44	46.0	54.0		41.0	45.0	44.0	46.4	46.0	May
26	31	32.0	33.0		31.0	29.0	32.0	29.0	32.0	June
25	28	31.0	28.0		29.0	23.0	31.0	25.1	29.0	July
26	29	30.0	32.0		24.0	26.0	27.0	26.8	30.0	August
33	29	33.0	32.0		34.0	32.0	37.0	31.2	28.0	September
40	35	46.0	49.0		39.0	54.0	59.0	30.9	46.0	October
53	64	52.0	77.0		44.0	69.0	67.0	64.7	63.0	November
66	67	72.0	82.0		72.0	70.0	80.0	66.0	72.0	December
43.17	50	52.3	53.1		49.1	52.1	51.0	48.2	49.0	Average

Humidity rate %										Sulaimany
Year										Month
2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	
58.6	73.8	80.9	66.8	66.9	78.5	76.5	62.0	68.0	72.0	January
63	70	69.9	71.2	67.1	66.1	73.4	52.8	68.0	60.0	February
57.3	63.6	72.2	57.0	70.1	68.4	66.8	58.0	50.0	55.0	March
42.6	59.5	66.3	53.9	57.3	60.5	58.3	58.8	44.0	46.0	April
33.2	39.7	45.3	51.5	38.7	46.5	38.9	37.1	43.0	35.0	May
27.5	28.1	27.8	28.5	28.2	29.9	31.2	26.4	25.0	24.0	June
28.6	24.5	26	25.0	22.3	26.0	25.6	25.2	23.0	25.0	July
27.9	27.1	28.4	28.6	24.4	23.5	25.7	21.6	24.0	13.0	August
32.8	27.9	31.3	31.1	28.7	33.9	30.0	29.9	30.0	28.0	September
40.3	33.6	48.1	50.0	43.3	40.9	55.2	57.2	34.0	45.0	October
55.7	67.1	49.2	74.6	64.4	50.2	69.4	70.0	65.0	64.0	November
65.9	70.4	71.1	85.1	59.3	77.2	65.1	81.9	63.0	72.0	December
44.45	48.78	51.4	51.9	47.6	50.1	51.3	48.4	44.8	44.9	Average

Humidity rate %

Halabjah

Year										Month
2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	
55.63	71.72	75.6	62.6	64.3	74.1	70.7	63.7	7.9		January
59.67	67.70	68.9	67.7	59.1	58.9	65.5	54.5	11.3		February
52.24	63.70	69.3	53.6	66.1	67.1	61.7	60.2	15.2		March
31.15	59.52	66.1	52.0	57.4	49.6	46.0	52.7	20.4		April
17.92	32.61	40.0	48.0	31.1	35.8	11.7		43.9		May
11.35	16.31	16.7		16.1	26.5	15.1	14.7	14.8		June
12.84	15.60	15.3	14.5	12.4	22.4	13.0	13.8	12.8		July
13.89	16.48	16.9	15.9	12.7	16.7	12.4	13.1	13.6		August
16.76	14.85	19.1		14.2	25.8	18.6	18.7	16.8		September
25.06		40.9	39.6	24.9	25.5	43.3	45.3	21.8		October
52.93	72.10	45.0	72.3	53.2	36.0		63.2	65.6		November
67.40	69.76	41.1					78.6	53.3		December
34.74	45.49	42.9	47.4	37.4	39.8	35.8	43.5	24.8		Average

*Weather data has not been recorded in Halabjah governorate due to not being a weather recording station there in 2012.

Temperature in Kurdistan region's governorates 2012-2021

Erbil													
Year	Temperature	Month											
		January	February	March	April	May	June	July	August	September	October	November	December
2012	Lowest	4.6	5.6	6.9	16.9	21.7	27.2	30	28.8	24.4	19.1	13.3	7.1
	Highest	11.8	13.5	15.5	27	32.5	39.1	41.8	41.5	37.2	29.8	21	4.9
	Average	8.2	9.55	11.2	21.95	27.1	33.15	35.9	35.15	30.8	24.45	17.15	6
2013	Lowest	2.2	7.7	10	14.5	19.4	24.8	27.3	27.1	22	17.5	12.8	5.6
	Highest	12.7	16.4	19.9	26.2	31.2	38	41.3	41	35.6	28.9	21.9	13.6
	Average	7.45	12.05	14.95	20.35	25.3	31.4	34.3	34.05	28.8	23.2	17.4	9.6
2014	Lowest	6.1	6.2	11	14.5	20.8	25.1	28.2	27.9	23.1	17.7	9.7	7.6
	Highest	15	16.8	20.7	26.7	33.7	38.5	41.8	42.7	36	27.9	19.5	15.9
	Average	10.6	11.5	15.8	20.6	27.3	31.8	35	35.3	29.6	22.8	14.6	11.7
2015	Lowest	4.5	6	8.7	13.4	21.2	25	28.9	28.3	25.9	19.6	10.3	5.6
	Highest	13.6	16	19.7	25	33.6	38	43.4	42.6	38.6	29.6	19.8	14.2
	Average	9.05	11	14.2	19.2	27.4	31.5	36.15	35.45	32.25	24.6	15.1	9.9
2016	Lowest	4.1	7.3	10.0	14.5	19.9	26.9	28.6	28.9	23	18.0	9.1	4.6
	Highest	11.7	17.0	25.2	24.8	32.3	38.2	42.3	43.4	36	31.0	22	12.7
	Average	7.9	12.15	17.6	19.65	26.1	32.55	35.45	36.15	29.5	24.5	15.6	8.7
2017	Lowest	3.26	3.44	9.78	13.59	20.33	24.63	29.58	28.93	25.19	17.84	11.90	8.90
	Highest	20.12	18.32	24.67	42.98	38.78	43.80	43.59	39.84	29.43	29.43	21.70	18.70
	Average	11.69	10.88	17.22	28.29	29.56	34.21	36.58	34.38	27.31	23.64	16.8	13.8
2018	Lowest	6.60	8.10	13.50	15.70	20.60	25.70	28.90	27.60	25.40	20.90	12.20	8.60
	Highest	14.70	16.70	23.20	26.70	31.00	37.90	42.00	41.50	38.30	30.50	19.70	14.4
	Average	10.65	12.40	18.35	21.20	25.80	31.80	35.45	34.55	31.85	25.70	15.95	11.50
2019	Lowest	6.00	6.70	8.50	10.96	19.80	25.70	25.40	29.50	23.50	19.90	11.00	8.50
	Highest	13.00	14.90	16.30	20.47	32.60	40.30	40.80	40.20	36.80	30.90	22.20	16.00
	Average	9.50	10.80	12.40	15.72	26.20	33.00	33.10	34.85	30.15	25.40	16.60	12.25
2020	Lowest	5.60	6.50	19.40	13.40	19.50	30.70	30.00	27.30	26.10	19.20	13.30	7.10
	Highest	12.50	13.20	11.60	24.00	32.30	37.70	42.70	39.40	39.30	32.40	20.90	16.40
	Average	9.05	9.85	15.50	18.70	25.90	34.20	36.35	33.35	32.70	25.80	17.10	11.75
2021	Lowest	6.20	7.30	9.70	15.60	22.50	24.00	28.70	28.40	21.80	17.90	12.20	7.20
	Highest	15.40	17.10	19.50	29.10	35.60	39.60	42.70	41.80	36.10	29.90	22.80	15.60
	Average	10.80	12.20	14.60	22.35	29.05	31.80	35.70	35.10	28.95	23.90	17.50	11.40

Sulaimany

Year	Temperature	Month											
		January	Februar	March	April	May	June	July	August	September	Octobe	Novembe	Decembe
2012	Lowest	1.8	2	4.4	14.3	18.8	24.8	27.1	26.3	22.7	17.7	11.1	5.3
	Highest	10.3	11.8	14.1	25	30.7	37	39.9	40.6	36	28.9	20.1	13.8
	Average	6.05	6.9	9.25	19.65	24.75	30.9	33.5	33.45	29.35	23.3	15.6	9.55
2013	Lowest	3.2	5.7	8.6	13.5	18.2	23.9	26	25.8	19.9	14.3	10.4	2.7
	Highest	11.7	14.9	19.1	24.9	28.9	36.2	40.4	39.5	34.6	27.4	19.3	11.2
	Average	7.45	10.3	13.85	19.2	23.55	30.05	33.2	32.65	27.25	20.85	14.9	7.0
2014	Lowest	3.4	3.9	8.9	11.4	18	23.1	26.6	26.6	20.9	15.4	8.2	5.8
	Highest	12	14.2	17.9	24	31.1	36.9	40.2	41.1	35.3	27.5	18.2	15
	Average	7.7	9.05	13.4	17.7	24.55	30	33.4	33.85	28.1	21.45	13.2	10.4
2015	Lowest	3	4.1	7	9.9	17	22.1	27.1	27.1	23.3	16.7	7.8	3.3
	Highest	12.7	15.3	18.7	24.2	32.1	38.1	42.5	42.2	37.5	28.7	18.8	12.6
	Average	7.85	9.7	12.85	17.05	24.55	30.1	34.8	34.65	30.4	22.7	13.3	8.0
2016	Lowest	2.0	5.5	7.2	11.4	16.0	22.6	26.4	27.1	20.3	15.2	7.6	3
	Highest	11.4	16.5	18.3	24.4	31.0	37.2	41.7	42.8	35.8	31.0	21.3	11.1
	Average	6.7	11	12.75	17.9	23.5	29.9	34.05	34.95	28.05	23.1	14.5	7.1
2017	Lowest	1.8	0.5	8.0	12.5	17.8	23.5	28.1	27.3	23.0	14.7	9.1	6.1
	Highest	11.4	11.1	16.5	23.5	30.8	36.6	41.6	41.9	38.4	27.9	19.7	17.1
	Average	6.6	5.8	12.25	18	24.3	30.05	34.85	34.6	30.7	21.3	14.4	11.6
2018	Lowest	3.2	5.9	10.7	12.7	17.1	23.3	26.5	25.9	22.3	17.3	9.8	5.6
	Highest	12.7	14.6	21.3	23.8	28.1	36.3	40.9	40.2	36.7	27.7	17.5	12.5
	Average	7.95	10.25	16	18.25	22.6	29.8	33.7	33.05	29.5	22.5	13.65	9.05
2019	Lowest	2.7	4.3	6.2	10.2	18.4	25.6	25.7	27.4	22	17.2	9.7	6.4
	Highest	11.5	13	14.2	19.3	30.3	37.8	39.2	40.8	35.5	28.8	19.8	14
	Average	7.1	8.65	10.2	14.75	24.35	31.7	32.45	34.1	28.75	23	14.75	10.2
2020	Lowest	3.2	3.6	8.6	12.6	18.5	23.1	28.5	25.7	24.2	16.6	10.4	3.8
	Highest	10.5	11.7	18.7	22.6	30.8	36.6	41	38.6	37.9	32.5	20.9	16.3
	Average	6.9	7.7	13.7	17.6	24.7	29.9	34.8	32.2	31.1	24.6	15.7	10.1
2021	Lowest	2.7	4.6	7.7	13.9	20.3	22.6	27.4	26.6	21	16.6	9.8	5.7
	Highest	15.3	17.5	20.2	29.4	35.4	40	43.2	43	36.1	28.5	20.2	14.9
	Average	9	11.05	13.95	21.65	27.85	31.3	35.3	34.8	28.55	22.55	15	10.3

Duhok													
Year	Temperature	Month											
		January	February	March	April	May	June	July	August	September	October	November	December
2012	Lowest	3.1	3.2	4.3	13.9	17.8	24.0	25.7	24.7	20.7	15.9	11.6	6.0
	Highest	11.0	12.0	14.2	25.4	30.9	37.3	40.4	40.0	35.8	28.5	20.2	13.5
	Average	7.03	7.61	9.24	19.63	24.36	30.62	33.08	32.37	28.24	22.20	15.92	9.71
2013	Lowest	3.2	5.9	8.9	12.6	17.7	22.1	24.6	24.5	19.9	14.5	10.9	2.8
	Highest	11.1	14.7	18.2	24.6	29.7	36.3	39.7	39.8	34.2	27.0	20.4	12.0
	Average	7.11	10.32	13.56	18.61	23.68	29.20	32.15	32.15	27.02	20.72	15.63	7.43
2014	Lowest	6.8	8.7	16.4	21.3	25.7	26.0	22.4	18.7	13.6	9.7	4.5	4.4
	Highest	14.4	17.5	25.6	33.9	40.5	40.1	36.5	31.3	24.2	18.9	15.2	13.4
	Average	10.60	13.10	21.00	27.60	33.10	33.05	29.45	25.00	18.90	14.30	9.85	8.90
2015	Lowest	3.7	5.4	8.2	11.6	18.2	22.0	26.4	25.8	23.1	28.0	8.6	3.9
	Highest	11.9	14.1	17.5	22.7	30.8	35.9	41.5	40.2	36.9	17.8	18.4	13.2
	Average	7.80	9.75	12.85	17.15	24.50	28.95	33.95	33.00	30.00	22.90	13.50	8.55
2016	Lowest	2.4	8.5	8.7	13.6	17.7	24.0	26.3	27.3	20.7	15.7	7.7	3.6
	Highest	9.9	20.3	17.8	24.9	30.2	36.5	40.7	41.8	34.0	28.9	19.8	11.2
	Average	6.15	14.40	13.25	19.25	23.95	30.25	33.50	34.55	27.35	22.30	13.75	7.40
2017	Lowest	11.3	20.3	17.3	23.1	30.5	36.9	42.2	41.8	37.9	27.8	19.9	17.3
	Highest	2.2	8.5	8.6	11.5	17.4	22.1	26.4	25.7	22.7	15.2	9.8	6.9
	Average	6.75	14.40	12.95	17.30	23.95	29.50	34.30	33.75	30.30	21.50	14.85	12.10
2018	Lowest	4.8	6.6	10.9	13.3	17.5	22.3	25.5	25.1	22.3	17.9	10.1	7.1
	Highest	13.2	15	21.8	25.2	29.3	36.3	40.9	40.2	36.9	29.1	18.3	13.1
	Average	9	10.8	16.35	19.25	23.4	29.3	33.2	32.65	29.6	23.5	14.2	10.1
2019	Lowest	4.0	5.3	6.9	10.2	18.3	24.2	24.1	26.0	21.0	17.4	8.8	7.3
	Highest	11.6	13.5	14.9	20.0	31.1	38.6	39.5	41.6	35.7	30.2	21.4	15.0
	Average	7.8	9.4	10.9	15.1	24.7	31.4	31.8	33.8	28.4	23.8	15.1	11.2
2020	Lowest	3.2	4.2	9.4	12.4	17.6	22.3	27.5	25.0	23.5	16.8	11.4	5.4
	Highest	11.1	12.3	18.9	23.2	30.9	36.9	41.9	39.9	38.7	31.7	20.5	15.5
	Average	7.2	8.3	14.2	17.8	24.3	29.6	34.7	32.5	31.1	24.3	16.0	10.5
2021	Lowest	4.2	5.9	8.4	14.3	20.1	22.2	27.3	26.6	20.5	15.5	10.5	6.1
	Highest	14.6	16.1	18.2	27.8	34.8	37.7	42.1	41.2	35.6	28.7	22.5	15.5
	Average	9.4	11.0	13.3	21.1	27.5	30.0	34.7	33.9	28.1	22.1	16.5	10.8

Halabjah													
Year	Temperature	Month											
		January	February	March	April	May	June	July	August	September	October	November	December
2012	Lowest												
	Highest												
	Average												
2013	Lowest	0.5	6.1	7.1	11.5	15.3	26.6	30.8	30.8	23.1	16.1	12.0	-2.1
	Highest	12.6	14.7	21.5	27.7	32.8	36.4	38.2	37.3	35.4	29.1	18.9	8.8
	Average	6.55	10.39	14.29	19.60	24.00	31.50	34.52	34.08	29.28	22.64	15.45	3.34
2014	Lowest	0.9	-0.2	5.9	12.4	22.1	25.2	31.2	29.0	25.2	13.2	7.6	5.0
	Highest	11.4	16.6	19.0	28.3	32.1	38.1	38.6	39.2	35.5	28.3	17.5	12.7
	Average	6.14	8.16	12.45	20.35	27.07	31.66	34.89	34.06	30.35	20.78	12.56	8.83
2015	Lowest	1.7	2.7	7.2	10.2	10.3	28.3	32.9	35.0	24.1	13.8	9.2	
	Highest	12.1	15.2	16.6	24.9	25.0	30.4	41.1	40.1	34.8	30.7	16.4	
	Average	6.89	8.92	11.90	17.59	17.65	29.35	36.99	37.53	29.48	22.25	12.81	
2016	Lowest		5.1	8.8	13.4	17.4	26.0	32.6	32.8	22.2	18.6	5.8	
	Highest		17.2	16.5	26.5	31.0	36.7	38.9	37.9	35.7	27.2	22.7	
	Average		11.12	12.63	19.97	24.17	31.33	35.72	35.35	28.99	22.87	14.27	
2017	Lowest	6.3	6.1	11.7	17.4	24.2	30.8	34.9	34.4	30.1	21.2	13.8	
	Highest	7.6	7.5	13.1	19.0	26.3	32.9	37.0	36.6	32.3	23.1	15.4	
	Average	6.98	6.81	12.38	18.18	25.25	31.82	35.97	35.50	31.21	22.14	14.58	
2018	Lowest	3.97	6.6	10.11	14.06	14.32	27	31.94	31.56	28.8	14.61	8.49	5.3
	Highest	13.09	14.76	24.04	23.54	30.68	37.1	40.48	36.62	35	30.04	19.93	15.9
	Average	8.53	10.68	17.08	18.8	22.5	32.05	36.21	34.09	31.90	22.33	14.21	10.60
2019	Lowest	2.4	4.3	6.1	9.4	16.02	41	42.8	25.9	21.1	16.5	8.63	5.58
	Highest	12.1	14.1	15.7	21.2	32.3	23.3	24.5	43.4	38.1	30.5	21.04	12.7
	Average	7.25	9.2	10.9	15.3	24.16	32.15	33.65	34.65	29.6	23.5	14.84	9.14
2020	Lowest	3.19	3.59	8.21	10.99	16.12	21.49	26.85	23.51	23.98		7.78	3.77
	Highest	12.13	13.3	19.84	24.1	33.38	39.5	43.87	41.24	41.62		17.72	14.28
	Average	7.66	8.445	14.03	17.55	24.75	30.5	35.36	32.38	32.8		12.75	9.025
2021	Lowest	2.27	4.78	6.79	11.91	19.56	27.38	26.84	26.4	20.77	15.46	9.27	4.95
	Highest	14.66	16.77	20	29.75	36.77	41.47	43.88	42.7	38.03	31.03	21.35	15.5
	Average	8.47	10.78	13.40	20.83	28.17	34.43	35.36	34.55	29.40	23.25	15.31	10.23

* Weather data has not been recorded in Halabjah governorate due to not being a weather recording station there in 2012.

Weather condition in Erbil governorate

Year	Month	Weather condition (daytime)							
		Rain	Snow	Hail	Windstorm and thunder	Windstorm and dust	clear	Partly cloudy	Cloudy
2012	1	14	0	0	0	15	1	7	23
	2	11	0	0	1	8	1	8	19
	3	15	0	0	2	11	3	9	19
	4	6	0	0	5	29	1	21	8
	5	11	0	0	10	27	1	20	10
	6	0	0	0	0	27	10	17	3
	7	1	0	0	0	28	12	13	6
	8	0	0	0	0	31	17	14	0
	9	2	0	0	1	16	20	8	2
	10	11	0	3	0	16	2	19	10
	11	12	0	0	2	6	0	11	19
	12	10	0	0	5	8	2	14	15
2013	1	15	0	0	1	0	3	7	21
	2	12	0	0	1	0	0	11	17
	3	12	0	0	2	1	0	14	17
	4	11	0	0	6	0	1	16	13
	5	15	0	0	9	1	0	13	18
	6	0	0	0	1	0	11	18	1
	7	0	0	0	0	0	29	2	0
	8	0	0	0	0	0	18	12	1
	9	0	0	0	0	0	17	9	4
	10	1	0	0	0	0	10	17	4
	11	9	0	0	4	0	1	8	21
	12	11	0	0	0	0	7	10	14
2014	1	8	0	0	0	0	3	6	22
	2	3	0	0	1	0	6	14	8
	3	12	0	0	1	1	2	9	20
	4	13	0	0	4	0	0	12	18
	5	6	0	5	0	0	1	21	9
	6	1	0	0	0	0	7	18	5
	7	0	0	0	0	0	18	12	1
	8	2	0	0	0	1	19	12	0
	9	2	0	0	0	0	14	13	3
	10	12	0	8	0	0	2	15	14
	11	10	0	0	8	0	2	14	15
	12	13	0	0	0	0	2	8	21
2015	1	12	0	0	0	0	3	9	19
	2	1	0	0	2	0	3	8	17
	3	1	0	0	7	0	0	10	21
	4	1	0	0	2	0	0	14	16
	5	10	0	0	3	0	2	14	15
	6	1	0	0	1	0	14	10	6
	7	0	0	0	0	0	12	19	0
	8	0	0	0	0	0	15	14	2
	9	6	0	0	2	0	6	18	6
	10	17	0	0	4	0	0	8	23
	11	12	0	0	3	0	3	10	17
	12	8	0	0	1	0	3	13	15

2016	1	14	0	0	1	0	0	14	17
	2	13	0	0	0	0	0	11	18
	3	12	0	0	2	0	1	10	20
	4	9	0	0	4	0	0	11	19
	5	7	0	0	2	0	0	20	11
	6	3	0	0	3	0	5	19	6
	7	0	0	0	0	0	14	16	1
	8	0	0	0	0	0	14	16	1
	9	0	0	0	0	0	14	15	1
	10	8	0	0	0	0	3	17	11
	11	2	0	0	1	0	9	10	11
	12	14	0	0	2	0	0	3	28
2017	1	12	0	0	2	2	0	6	25
	2	6	0	0	3	0	4	14	10
	3	22	0	0	3	1	0	6	25
	4	11	0	0	3	0	0	8	22
	5	2	0	0	6	0	3	25	3
	6	1	0	0	0	0	12	18	0
	7	0	0	0	0	0	14	14	3
	8	1	0	0	1	0	18	13	0
	9	1	0	0	0	0	12	18	0
	10	6	0	0	1	0	6	19	6
	11	8	0	0	2	0	2	8	20
	12	8	0	0	0	0	4	4	23
2018	1	8	0	0	1	0	0	4	27
	2	14	0	0	4	0	3	4	21
	3	5	0	0	1	0	0	13	18
	4	12	0	0	7	0	0	4	26
	5	14	0	0	14	0	0	7	24
	6	2	0	0	1	0	11	16	3
	7	0	0	0	0	0	21	10	0
	8	1	0	0	0	0	27	4	0
	9	0	0	0	0	0	20	10	0
	10	9	0	0	4	0	3	11	17
	11	15	0	0	5	0	1	4	25
	12	19	0	0	7	0	0	0	31
2019	1	13	0	0	5	0	0	11	20
	2	13	0	0	0	0	1	5	22
	3	16	0	0	6	0	0	3	27
	4	14	0	0	11	0	0	3	26
	5	6	0	0	5	0	1	22	8
	6	2	0	0	1		2	28	0
	7	0	0	0	0	0	15	16	0
	8	2			1		12	19	
	9	0	0	0	0	0	16	14	0
	10	8			3		3	29	
	11	4	0	0	1	0	6	17	9
	12	14	0	0	0	0	2	20	9

2020	1	15	0	0	2	0	2	14	15
	2	12	3	0	1	0	0	9	20
	3	13			8		1	19	11
	4	10	0	0	8	0	0	27	5
	5	4	0	0	2	0	2	29	1
	6	1	0	0	1		2	28	0
	7	0			2		6	25	
	8	0	0	0	0	0	18	13	0
	9	0	0	0	0	0	11	19	0
	10	0	0	0	1	0	8	23	0
	11	11	0	0	4	0	0	14	16
	12	6	0	0	0	0	2	23	6
2021	1	10	0	0	0	0	1	22	8
	2	6	0	0	0	0	3	17	8
	3	10	0	0	2	0	0	17	14
	4	4	0	0	0	0	0	19	11
	5	4	0	0	2	0	4	24	3
	6	0	0	0	0	0	24	7	
	7				2		6	25	
	8	2	0	0	1	0	8	24	0
	9	0	0	0	0	0	22	8	0
	10	4	0	0	2	0	8	17	6
	11	6	0	0	0	0	3	16	11
	12	10	0	0	3	0	2	16	13

Weather condition in Sulaimany governorate

Year	Month	Weather condition (daytime)							
		Rain	Snow	Hail	Windstorm and thunder	Windstorm and dust	Clear	Partly cloudy	Cloudy
2013	5	14	0	0	7	1	0	22	9
	6	0	0	0	0	3	21	9	0
	7	0	0	0	0	0	31	0	0
	8	0	0	0	0	0	29	2	0
	9	0	0	0	0	0	19	11	0
	10	1	0	0	0	5	20	11	0
	11	13	0	0	4	3	2	16	12
	12	14	3	0	2	2	8	7	16
2014	1	7	0	0	1	5	7	13	11
	2	4	2	0	0	10	7	16	5
	3	11	0	0	4	0	10	12	9
	4	9	0	1	8	1	0	19	11
	5	6	0	0	4	1	3	23	5
	6	4	0	0	2	9	12	18	0
	7	1	0	0	0	0	30	1	0
	8	0	0	0	0	0	30	1	0
	9	0	0	0	0	0	27	3	0
	10	8	0	0	4	0	8	18	5
	11	9	0	0	4	3	5	13	12
	12	12	0	0	2	0	6	5	20
2015	1	12	5	0	3	0	6	8	17
	2	8	1	2	1	0	2	15	11
	3	13	0	0	4	3	3	22	6
	4	7	0	0	3	0	9	10	12
	5	3	0	0	0	0	25	3	1
	6	0	0	0	0	16	16	15	0
	7	0	0	0	0	16	16	15	0
	8	2	0	0	2	7	22	9	0
	9	3	0	0	2	10	10	18	2
	10	9	0	0	8	0	2	14	13
	11	9	0	0	2	0	7	11	12
	12	13	2	0	0	0	7	10	14

2016	1	14	3	0	3	0	3	9	19
	2	8	0	0	0	0	5	13	11
	3	14	0	0	4	0	7	6	18
	4	11	0	1	1	0	3	11	16
	5	4	0	0	3	0	9	11	11
	6	0	0	0	1	0	10	14	6
	7	0	0	0	0	0	27	4	0
	8	0	0	0	0	0	19	10	2
	9	0	0	0	0	0	26	4	0
	10	4	0	0	0	0	12	15	4
	11	3	0	0	0	0	10	11	9
	12	11	3	0	4	0	5	9	17
2017	1	10	3	0	2	0	5	4	22
	2	8	3	0	2	0	11	6	11
	3	19	0	1	1	0	1	11	19
	4	13	0	0	3	0	2	7	21
	5	5	0	0	4	0	12	14	5
	6	1	0	0	0	0	25	5	0
	7	0	0	0	0	0	19	8	4
	8	0	0	0	0	0	19	10	2
	9	0	0	0	0	0	15	15	0
	10	1	0	0	0	0	11	15	5
	11	9	0	0	6	0	7	13	10
	12	5	0	0	0	0	9	5	16
2018	1	10	0	0	0	0	9	12	10
	2	14	0	0	1	0	4	6	18
	3	7	0	0	3	0	6	11	14
	4	13	0	0	6	0	2	10	18
	5	16	0	0	13	0	2	15	14
	6	0	0	0	0	0	19	11	0
	7	0	0	0	0	0	22	9	0
	8	0	0	0	0	0	27	3	1
	9	0	0	0	2	0	19	10	1
	10	7	0	0	0	0	2	16	9
	11	16	0	0	0	0	1	12	17
	12	19	0	2	10	0	0	16	15
2019	1	13	3	9		19	12	1	
	2	13		2	3		2	15	11
	3	19	1	1	7		1	8	22
	4	19		2	11			18	12
	5	8			7		4	21	6
	6	2			2		8	22	
	7						17	14	
	8	2			1		7	23	
	9						20	10	
	10	8			3		3	23	5
	11	4			2		12	15	3
	12	15			5		3	15	13

2020	1	18	2	1	2	0	3	13	15
	2	14	4	0	4	0	3	11	15
	3	18	0	2	6	0	2	14	15
	4	14	0	3	12	0	1	21	8
	5	3	0	0	4	0	4	23	3
	6	0	0	0	1	0	13	17	0
	7	0	0	0	0	0	6	25	0
	8	0	0	0	0	0	19	12	0
	9	1	0	0	2	0	11	19	0
	10	0	0	0	1	0	12	18	0
	11	16	0	0	8	0	2	13	15
	12	6	0	0	1	0	6	21	4
2021	1	9	1	1	3	0	6	14	12
	2	8	0	0	2	0	8	13	7
	3	12	0	0	1	0	2	19	10
	4	3	0	0	3	0	2	0	8
	5	2	0	0	2	0	2	12	1
	6	0	0	0	0	0	24	6	0
	7	0	0	0	0	0	16	15	0
	8	4	0	0	2	0	13	17	1
	9	0	0	0	0	0	23	7	0
	10	5	0	0	2	0	10	19	2
	11	6	0	0	1	0	5	19	6
	12	12	0	0	3	0	4	14	13

Weather condition in Duhok governorate

Year	Month	Weather condition (daytime)							
		Rain	Snow	Hail	windstorm and thunder	windstorm and dust	clear	Partly cloudy	Cloudy
2012	1	21	1	0	0	0	1	30	0
	2	13	3	0	0	0	2	27	0
	3	15	3	0	0	0	4	27	0
	4	6	0	0	0	0	1	29	0
	5	5	0	0	0	0	0	31	0
	6	1	0	0	0	0	8	22	0
	7	2	0	0	0	0	10	21	0
	8	0	0	0	0	0	21	10	0
	9	0	0	0	0	0	20	10	0
	10	11	0	0	0	0	4	27	0
	11	0	0	0	0	0	0	0	0
	12	0	0	0	0	0	0	0	0
2014	1	6	0	0	1	0	2	29	0
	2	5	0	0	0	0	8	20	0
	3	11	0	0	2	0	1	26	1
	4	10	0	0	4	0	0	30	0
	5	7	0	0	1	0	0	31	0
	6	2	0	0	2	0	7	23	0
	7	0	0	0	0	0	18	13	0
	8	1	0	0	1	0	15	16	0
	9	2	0	0	2	0	13	17	0
	10	14	0	0	3	0	1	30	0
	11	11	0	0	3	0	6	24	0
	12	15	0	0	0	0	0	30	1
2015	1	10	1	0	0	0	3	28	0
	2	9	1	0	3	0	0	28	0
	3	16	0	0	1	0	2	29	0
	4	10	0	0	5	0	2	28	0
	5	5	0	0	5	0	2	29	0
	6	1	0	0	0	0	12	18	0
	7	0	0	0	0	0	17	14	0
	8	1	0	0	1	0	17	14	0
	9	3	0	0	2	0	8	22	0
	10	15	0	0	1	0	0	31	0
	11	10	0	0	2	0	6	23	1
	12	9	0	0	1	0	7	23	1

2016	1	14	1	2	1	0	0	28	3
	2	9	0	0	1	0	4	25	0
	3	14	0	1	2	0	2	27	2
	4	5	0	0	2	0	1	29	0
	5	4	0	0	3	0	0	31	0
	6	2	0	0	4	0	3	27	0
	7	0	0	0	0	0	21	10	0
	8	0	0	0	0	0	13	18	0
	9	1	0	0	0	0	16	14	0
	10	4	0	0	1	0	9	22	0
	11	3	0	0	0	0	11	19	0
	12	12	0	0	1	0	1	29	1
2017	1	10	2	0	1	0	0	31	0
	2	6	2	0	2	0	4	24	0
	3	18	0	0	2	0	0	30	1
	4	11	0	0	2	0	2	28	0
	5	8	0	1	6	0	2	29	0
	6	0	0	0	0	0	11	19	0
	7	0	0	0	0	0	15	16	0
	8	1	0	0	1	0	21	10	0
	9	0	0	0	0	0	15	15	0
	10	2	0	0	0	0	10	21	0
	11	9	0	0	4	0	4	26	0
	12	8	0	0	0	0	3	27	1
2018	1	12	0	0	2	0	0	30	1
	2	14	0	0	5	0	2	24	2
	3	8	0	0	3	0	0	30	1
	4	12	0	0	5	0	1	29	0
	5	13	0	0	8	0	1	30	0
	6	3	0	0	3	0	11	19	0
	7	1	0	0	0	0	22	9	0
	8	0	0	0	0	0	27	4	0
	9	0	0	0	0	0	16	14	0
	10	10	0	0	2	0	2	29	0
	11	15	0	0	4	0	1	29	0
	12	21	0	4	0	0	0	31	0
2019	1	13	0	0	1	0	0	31	0
	2	14	0	0	1	0	2	24	2
	3	21	0	0	4	0	0	30	1
	4	17	0	0	9	0	0	30	0
	5	4	0	0	3	0	3	28	0
	6	2	0	0	2	0	5	25	0
	7	0	0	0	0	0	18	13	0
	8	3	0	0	3	0	16	15	0
	9	0	0	0	0	0	18	12	0
	10	7	0	0	2	0	6	25	0
	11	7	0	0	1	0	12	18	0
	12	17	0	0	0	0	1	26	4

2020	1	17	0	0	1	0	2	27	2
	2	13	5	0	3	0	0	28	1
	3	15	0	0	7	0	2	28	1
	4	11	0	0	7	0	0	30	0
	5	4	0	0	5	0	6	25	0
	6	3	0	0	1	0	7	23	0
	7	0	0	0	1	0	4	27	0
	8	1	0	0	2	0	15	16	0
	9	0	0	0	0	0	14	16	0
	10	2	0	0	2	0	7	24	0
	11	13	0	0	3	0	1	29	0
	12	8	0	0	0	0	3	28	0
2021	1	11	0	0	0	0	3	26	2
	2	8	0	0	1	0	3	25	0
	3	14	0	0	2	0	1	29	1
	4	6	0	0	0	0	0	30	0
	5	5	0	0	0	0	7	24	0
	6	0	0	0	0	0	19	11	0
	7	0	0	0	0	0	13	18	0
	8	4	0	0	3	0	12	19	0
	9	0	0	0	0	0	18	12	0
	10	5	0	0	2	0	7	24	0
	11	5	0	0	0	0	5	25	0
	12	11	0	0	2	0	1	30	0

Source: Kurdistan region's general directorate of weather forecast and earthquake.