



Kurdistan Region Government

Ministry of Planning

Kurdistan Region Statistics Office

Weather Statistics in Kurdistan Region Governorates for the years 2012-2024

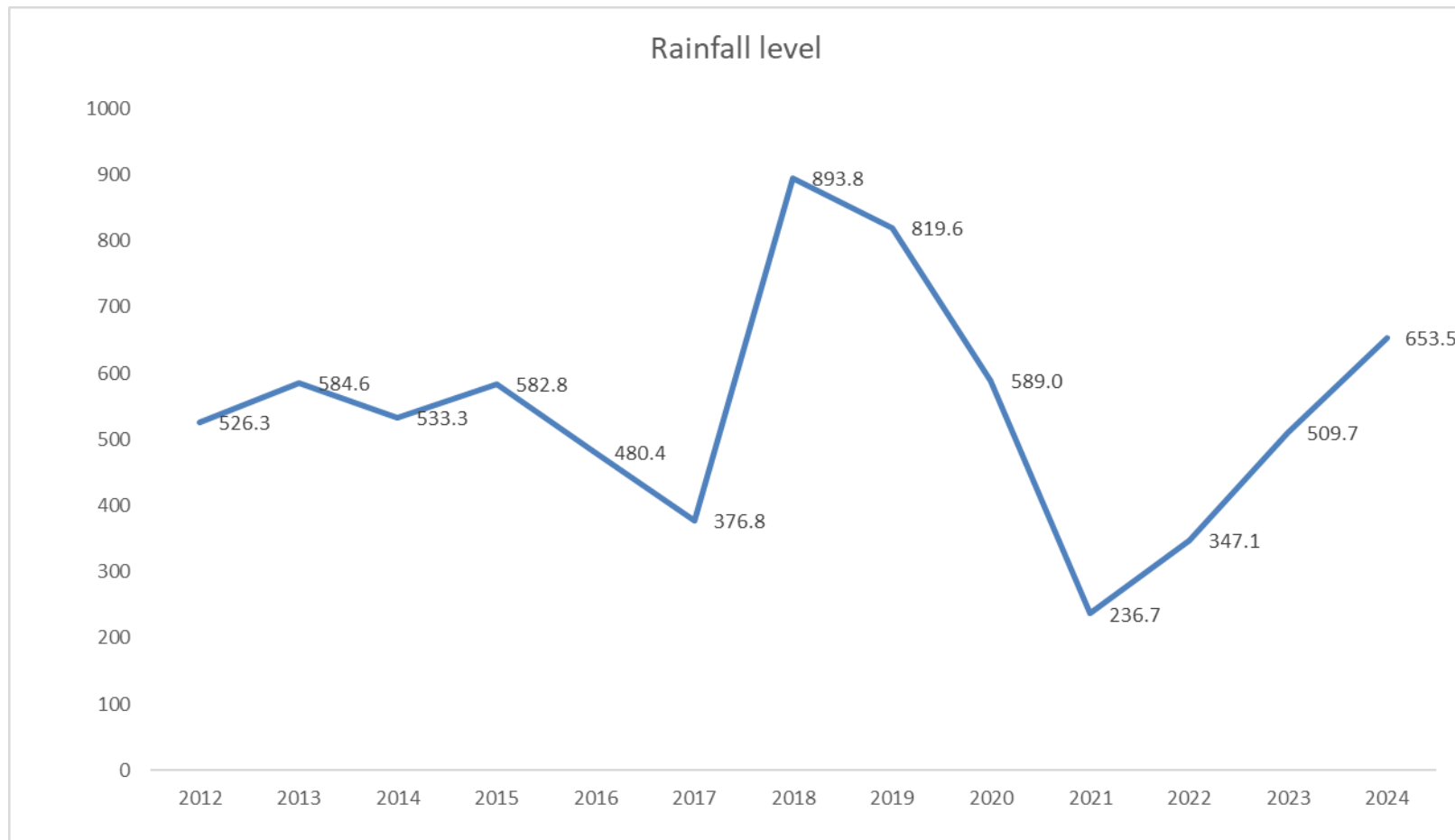
Agriculture and Environment Statistics Department

2025 April

Average rainfall in the Kurdistan Region in 2012-2024/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
2022	259.3	312.7	479.7	336.8	347.1
2023	393.9	401.8	778	465.12	509.7
2024	446	667.8	760.9	739.2	653.5

Average rainfall in the Kurdistan Region in 2012-2024/mm



Rainfall level in Kurdistan region for the years 2012-2024 / 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
2022	79	35.5	17.8	49.4	21.3	t.r	0	0	0.0	5.4	43.9	7.0	259.3
2023	47.2	31.5	61.4	54.7	7.4	0.0	0.0	3.6	0.0	0.6	142.0	45.5	393.9
2024	95.1	109.4	85.9	52.3	58.9	0.0	0.0	0.0	1.7	1.8	23.7	17.2	446
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
2022	153.3	57.5	58.9	42.7	12.7	1.5	0.0	0.0	1.2	20.9	99.1	31.9	479.7
2023	127.3	57.2	250.5	145.1	50.6	0.0	0.0	0.0	0.0	9.3	78.9	59.1	778.0
2024	97.7	196.5	144.6	38.6	99.6	0.1	0.0	0.0	4.3	0.8	135.2	43.5	760.9

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
2022	68.0	8.6	44.1	17.8	54.7	0.7	0.0	0.0	0.0	4.7	109.9	4.2	312.7
2023	27.5	81.2	75.6	85.5	33.3	0.0	0.0	7.4	0.0	3.7	0.0	87.6	401.8
2024	169.6	77.4	267.8	22.8	93.4	2.4	0.0	0.0	8.6	0.2	18.8	6.8	667.8
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
2022	127.2	52.0	24.8	19.4	13.4	0.0	0.0	0.0	0.0	9.4	67.8	22.8	336.8
2023	80.2	56.8	50.3	79.8	30.8	0.0	0.0	0.0	0.0	1.8	97.2	68.2	465.1
2024	139	116	106.6	42.8	121.2	1.2	0	0	0	0	176.2	36.2	739.2

*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 2012-2024

Humidity rate %													Erbil
Year													Month
2024	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	
79.9	64.4	82.9	80.6	80.9	73.6	61.6	68.8	76.4	72.5	72.1	73.9	74.4	January
78.5	63.8	65.3	76.2	78.9	71.6	71.6	63.5	65.3	68.4	56.0	75.6	63.6	February
69.4	69.7	66.5	60.1	73.8	74.4	57.2	65.5	55.2	64.3	66.2	61.6	61.7	March
57.9	65.7	50	48.9	66.7	71.3	52.1	58.3	53.9	52.2	48.6	53.9	49	April
53.2	45.6	46.1	39.1	55.6	45.0	50.5	38.1	40.5	34.5	39.8	47.7	41.5	May
35.1	34.2	31	31.9	37	32.8	38.0	35.0	32.0	33.2	30.3	31.2	25.8	June
32.7	30.6	30.3	33	29.5	31.8	34.3	32.2	27.3	25.4	29.1	29.1	22.1	July
33.1	31.5	30.6	29.5	35.1	31.9	31.2	31.3	30.5	30.8	28.3	28.7	28.5	August
40.5	34.8	33.6	36.5	33	32.9	32.0	31.3	39.4	29.9	39.8	37.8	29.0	September
45.4	51.3	44.3	48.1	38.9	47.9	47.5	44.1	41.0	54.6	58.6	39.4	48.6	October
70.7	72.7	56.8	57	66	52.7	73.6	62.0	47.5	69.8	65.6	67.9	64.6	November
69.3	77.1	67.6	77.9	71.1	76.1	82.1	60.1	76.4	67.7	74.7	66	77.2	December
55.5	53.5	50.4	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
2024	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	
77	62	77	61	75	72.0	67.0		76.0	71.0	69.0	76.0	70.0	January
68	60	62	63	74	73.0	71.0		78.0	71.0	55.0	74.0	60.0	February
62	59	59	56	66	73.0	57.0		69.0	69.0	63.0	56.5	59.0	March
46	55	38	38	58	68.0	55.0		52.0	66.0	53.0	51.5	53.0	April
47	39	43	31	44	46.0	54.0		41.0	45.0	44.0	46.4	46.0	May
26	30	27	26	31	32.0	33.0		31.0	29.0	32.0	29.0	32.0	June
28	25	24	25	28	31.0	28.0		29.0	23.0	31.0	25.1	29.0	July
28	24	26	26	29	30.0	32.0		24.0	26.0	27.0	26.8	30.0	August
37	29	28	33	29	33.0	32.0		34.0	32.0	37.0	31.2	28.0	September
37	47	38	40	35	46.0	49.0		39.0	54.0	59.0	30.9	46.0	October
65	69	58	53	64	52.0	77.0		44.0	69.0	67.0	64.7	63.0	November
60	75	68	66	67	72.0	82.0		72.0	70.0	80.0	66.0	72.0	December
48.4	47.8	45.7	43.17	50	52.3	53.1		49.1	52.1	51.0	48.2	49.0	Average

Humidity rate %												Sulaimany	
Year													Month
2024	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	
74	63	82	58.6	73.8	80.9	66.8	66.9	78.5	76.5	62.0	68.0	72.0	January
70.3	61.4	63.7	63	70	69.9	71.2	67.1	66.1	73.4	52.8	68.0	60.0	February
64.1	67.6	58.6	57.3	63.6	72.2	57.0	70.1	68.4	66.8	58.0	50.0	55.0	March
48.4	60.7	42.5	42.6	59.5	66.3	53.9	57.3	60.5	58.3	58.8	44.0	46.0	April
55	42.2	40.2	33.2	39.7	45.3	51.5	38.7	46.5	38.9	37.1	43.0	35.0	May
28.5	28.3	26.5	27.5	28.1	27.8	28.5	28.2	29.9	31.2	26.4	25.0	24.0	June
28.3	25.9	22.3	28.6	24.5	26	25.0	22.3	26.0	25.6	25.2	23.0	25.0	July
26.8	27.4	22	27.9	27.1	28.4	28.6	24.4	23.5	25.7	21.6	24.0	13.0	August
33.7	33.4	27.9	32.8	27.9	31.3	31.1	28.7	33.9	30.0	29.9	30.0	28.0	September
39.1	48.5	41.6	40.3	33.6	48.1	50.0	43.3	40.9	55.2	57.2	34.0	45.0	October
71.3	70.4	62.3	55.7	67.1	49.2	74.6	64.4	50.2	69.4	70.0	65.0	64.0	November
63.3	73.5	66.4	65.9	70.4	71.1	85.1	59.3	77.2	65.1	81.9	63.0	72.0	December
50.2	50.2	46.3	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
2024	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	
70.9	64.57	72.40	55.63	71.72	75.6	62.6	64.3	74.1	70.7	63.7	7.9		January
68.1	57.60	60.18	59.67	67.70	68.9	67.7	59.1	58.9	65.5	54.5	11.3		February
59.9	62.94	53.90	52.24	63.70	69.3	53.6	66.1	67.1	61.7	60.2	15.2		March
45.4	55.07	35.69	31.15	59.52	66.1	52.0	57.4	49.6	46.0	52.7	20.4		April
45.4	37.30	31.07	17.92	32.61	40.0	48.0	31.1	35.8	11.7		43.9		May
17.7	18.96	15.06	11.35	16.31	16.7		16.1	26.5	15.1	14.7	14.8		June
16.8	14.16	15.06	12.84	15.60	15.3	14.5	12.4	22.4	13.0	13.8	12.8		July
16.7	13.61	12.08	13.89	16.48	16.9	15.9	12.7	16.7	12.4	13.1	13.6		August
22.4	16.86	15.51	16.76	14.85	19.1		14.2	25.8	18.6	18.7	16.8		September
25.1	34.12	26.94	25.06		40.9	39.6	24.9	25.5	43.3	45.3	21.8		October
70.2	61.60	53.10	52.93	72.10	45.0	72.3	53.2	36.0		63.2	65.6		November
63.1	66.55	69.50	67.40	69.76	41.1					78.6	53.3		December
43.5	41.95	38.37	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

2022	Lowest	4.20	7.20	7.40	14.70	19.00	25.80	26.50	26.60	23.30	20.10	12.10	8.70
	Highest	10.90	16.70	16.10	27.30	30.10	39.20	42.10	42.90	37.80	31.70	22.00	16.70
	Average	7.55	11.95	11.75	21.00	24.55	32.50	34.30	34.75	30.55	25.90	17.05	12.70
2023	Lowest	6.10	4.30	11.90	13.10	19.50	23.70	27.70	29.50	24.00	18.20	13.50	8.60
	Highest	14.50	13.70	20.20	24.20	31.10	37.50	42.40	42.90	38.20	29.60	21.10	17.40
	Average	10.30	9.00	16.05	18.65	25.30	30.60	35.05	36.20	31.10	23.90	17.30	13.00
2024	Lowest	6.80	6.20	8.20	15.20	18.50	27.30	27.90	27.10	23.00	15.60	10.40	5.10
	Highest	14.50	15.10	18.90	28.70	30.40	41.60	42.50	42.70	36.90	29.00	20.10	16.00
	Average	10.65	10.65	13.55	21.95	24.45	34.45	35.20	34.90	29.95	22.30	15.25	10.55

Sulaimany													
Year	Temperature	Month											
		January	February	March	April	May	June	July	August	September	October	November	December
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

2022	Lowest	1	5.4	6.4	14.6	17.3	24.6	26.8	28	23.3	18	9.8	6.6
	Highest	9	15.2	15.3	26.2	28.2	37.4	40.7	42.1	36.9	30.5	20	14.7
	Average	5	10.3	10.85	20.4	22.75	31	33.75	35.05	30.1	24.25	14.9	10.65
2023	Lowest	3.7	2.8	9.8	11.6	17.4	22.9	27.3	27.8	23.2	16.2	10.7	6.9
	Highest	11.6	12.5	19	22.7	29.5	35.9	40.5	40.9	36.5	27.7	20.1	16.4
	Average	7.65	7.65	14.4	17.15	23.45	29.4	33.9	34.35	29.85	21.95	15.4	11.65
2024	Lowest	5.40	5.00	7.70	15.80	16.30	26.30	27.50	27.10	22.80	15.10	9.30	4.50
	Highest	13.40	13.10	17.50	27.20	27.80	38.30	40.40	41.10	35.80	27.70	18.30	14.60
	Average	9.40	9.05	12.60	21.50	22.05	32.30	33.95	34.10	29.30	21.40	13.80	9.55

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
2022	Lowest	2.4	5.9	5.7	14.4	16.9	24.7	26.1	26.2	22.9	18.1	10.6	7.3
	Highest	10.5	16.5	15.1	26.9	29.3	38.6	41.6	42.0	37.7	31.3	21.5	16.4
	Average	6.5	11.2	10.4	20.7	23.1	31.7	33.9	34.1	30.3	24.7	16.1	11.9
2023	Lowest	14.6	13.5	20.1	23.2	30.3	36.6	41.8	42.6	37.5	29.1	20.9	17.3
	Highest	4.1	3.2	10.7	12.8	17.6	22.8	26.5	27.8	22.7	16.8	11.7	7.8
	Average	9.4	8.4	15.4	18.0	24.0	29.7	34.2	35.2	30.1	23.0	16.3	12.6
2024	Lowest	6.3	6.0	7.9	15.9	17.9	25.8	26.5	26.3	22.2	15.2	9.5	5.2
	Highest	13.0	15.8	18.1	28.7	29.9	40.4	42.0	42.5	36.6	29.0	20.3	15.9
	Average	9.7	10.9	13.0	22.3	23.9	33.1	34.3	34.4	29.4	22.1	14.9	10.6

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
2022	Lowest	0.99	14.93	6.25	12.86	16.47	39.93	26.14	25.46	22.06	16.22	9.2	5.4
	Highest	9.62	16.03	17.19	27.65	30.85	40.6	43.58	44.42	39.35	32.23	21.3	14.9
	Average	5.31	15.48	11.72	20.26	23.66	40.27	34.86	34.94	30.71	24.23	15.25	10.15
2023	Lowest	2.46	2.03	8.97	9.95	15.07	37.71	25.67	25.37	21.48	15.16	9.7	6.32
	Highest	12.3	13.91	20.05	24.08	31.26	38.99	43.73	43.81	39.13	29.88	21.6	17.26
	Average	7.38	7.97	14.51	17.02	23.17	38.35	34.7	34.59	30.31	22.52	15.65	11.79
2024	Lowest	4.78	4.96	7.11	12.51	15.11	23.44	26.32	25.52	21.51	13.7	8.65	3.13
	Highest	14.78	14.04	18.8	28.05	29.75	41.17	43.09	43.49	38.26	30	19.62	15.05
	Average	9.78	9.5	12.96	20.28	22.43	32.31	34.71	34.51	29.89	21.85	14.14	9.09

* 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
2022	1	17	2	0	1	0	2	15	14
	2	18	3	0	1	0	2	9	20
	3	9			1			10	21
	4	5	0	0	4	0	2	15	13
	5	4	0	0	3	0	2	21	8
	6	1				1	10	18	2
	7						21	10	
	8	0	0	0	0	0	15	16	0
	9	2	0	0	0	0	20	8	2
	10	7	0	0	1	0	7	16	8
	11		6				3	16	11
	12	4	0	0	0	0	2	19	10
2023	1	9			2		8	11	12
	2	9					2	17	9
	3	11			2			13	18
	4	8			2			19	11
	5	10			3			23	8
	6	1					8	17	5
	7						21	10	
	8	1					13	18	
	9						12	18	
	10	5			3		2	22	7
	11	10			3		3	12	15
	12	10			1		2	20	9

2024	1	14			4		1	13	17
	2	11			5		1	13	15
	3	10	0	0	3	0	0	19	12
	4	7			5		2	19	9
	5	14			7			20	11
	6	2			2		9	19	2
	7						14	17	
	8						17	14	
	9	1			1		12	16	2
	10	2			1		5	21	5
	11	9			1		4	17	9
	12	7			2		4	18	9

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
2022	1	16	4	0	3	0	6	13	12
	2	12	0	0	0	0	5	17	9
	3	17	1	0	2	0	0	13	18
	4	8	0	0	2	1	2	16	12
	5	7	0	0	1	0	4	20	3
	6	1	0	0	1	0	18	10	2
	7	0	0	0	0	0	22	9	0
	8	0	0	0	0	0	19	12	0
	9	2	0	0	6	0	24	5	1
	10	6	0	0	1	0	15	11	5
	11	9	0	0	3	0	5	17	8
	12	9	0	0	1	0	8	14	9
2023	1	11	0	0	0	0	10	9	12
	2	10	3	0	3	0	7	11	10
	3	15	0	3	8	0	1	14	15
	4	10	0	3	4	0	2	16	12
	5	7	0	1	6	0	4	19	8
	6	2	0	0	0	0	12	17	1
	7	0	0	0	0	0	24	7	0
	8	0	0	0	0	0	17	14	0
	9	0	0	0	0	0	23	7	0
	10	7	0	0	3	0	1	25	5
	11	11	0	0	3	0	6	14	10
	12	0	9	0	2	0	6	17	8

2024	1	18	0	2	3	0	2	13	16
	2	14	2	1	8	0	2	10	17
	3	17	0	2	5	0	1	17	13
	4	10	0	0	6	0	7	18	5
	5	13	0	0	10	0	2	19	10
	6	2	0	0	2	0	13	16	1
	7	0	0	0	0	0	22	9	0
	8	1	0	0	0	0	19	12	0
	9	1	0	0	1	0	17	13	0
	10	3	0	0	1	0	14	17	0
	11	12	0	0	7	0	3	20	7
	12	8	0	0	5	0	8	16	7

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

2022	1	16	3	0	0	0	2	28	1
	2	9	0	0	1	0	1	27	0
	3	15	0	0	1	0	0	31	0
	4	5	0	0	1	0	1	28	1
	5	7	0	0	5	0	3	28	0
	6	1	0	0	0	0	8	22	0
	7	0	0	0	0	0	19	12	0
	8	0	0	0	0	0	19	12	0
	9	1	0	0	0	0	17	13	0
	10	5	0	0	1	0	7	24	0
	11	10	0	0	2	0	7	23	0
	12	2	0	0	0	0	5	26	0
2023	1	5	0	0	0	0	10	21	0
	2	7	0	1	1	0	3	25	0
	3	15	0	0	1	0	1	30	0
	4	10	0	1	3	0	0	29	1
	5	7	0	0	3	0	1	30	0
	6	0	0	0	0	0	8	22	0
	7	0	0	0	0	0	22	9	0
	8	1	0	0	1	0	15	16	0
	9	0	0	0	0	0	15	15	0
	10	6	0	0	1	0	0	31	0
	11	13	0	0	2	0	3	27	0
	12	10	0	0	0	0	1	29	1
2024	1	18	0	0	1	0	0	30	1
	2	12	0	0	5	0	2	26	1
	3	13	0	0	3	0	0	29	2
	4	8	0	0	4	0	3	27	0
	5	14	0	0	8	0	0	31	0
	6	2	0	0	2	0	9	21	0
	7	0	0	0	0	0	18	13	0
	8	0	0	0	0	0	18	13	0
	9	3	0	0	2	0	12	18	0
	10	3	0	0	0	0	9	22	0
	11	10	0	0	0	0	1	29	0
	12	8	0	0	1	0	5	26	0

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