

GAITHERSBURG - MONTGOMERY COUNTY AIRPARK (GAI) - GAITHERSBURG, MARYLAND

AWOS Station Elevation: 539 feet/164 meters

Period of Record: 2007-Present

AVERAGE MAXIMUM TEMPERATURE (°F)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Winter (Dec-Feb)	Spring (Mar-May)	Summer (Jun-Aug)	Autumn (Sep-Nov)
2007											53.8	43.3					
2008	42.6	44.4	54.6	64.6	70.4	84.6	85.8	81.9	77.1	64.6	51.3	45.0	63.9	43.4	63.2	84.1	64.3
2009	35.2	46.0	52.2	64.9	72.3	79.5	82.8	84.7	73.8	63.0	57.0	40.7	62.7	42.1	63.1	82.3	64.6
2010	38.7	35.9	56.7	69.3	72.8	84.7	89.6	84.4	80.4	66.3	54.8	36.0	64.1	38.4	66.3	86.3	67.2
2011	35.0	46.6	52.1	66.6	75.8	83.2	89.6	84.2	75.1	58.9	59.5	49.5	64.7	39.2	64.9	85.7	64.5
2012	46.1	49.0	63.8	64.5	77.8	80.6	85.7	84.2	77.2	65.2	51.1	49.4	66.2	48.2	68.7	83.5	64.5
2013	43.6	41.1	47.1	65.8	72.8	81.3	85.2	81.0	76.9	67.0	50.7	46.2	63.2	44.7	61.9	82.5	64.9
2014	35.5	40.1	47.9	64.0	71.9	82.3	84.1	80.8	76.3	65.8	51.1	45.4	62.1	40.6	61.3	82.4	64.4
2015	36.6	33.8	49.1	65.7	79.3	81.8	84.3	85.0	80.7	65.1	59.7	56.3	64.8	38.6	64.7	83.7	68.5
2016	39.7	44.2	60.9	64.5		82.0	88.0	87.8	79.6	68.7	58.5	45.0		46.7		85.9	68.9
2017	44.7	54.8				84.5	87.7	82.9	78.0	72.1	55.7	43.0		48.2		85.0	68.6
2018	41.6	50.5	48.0	61.8	80.3	82.0	86.8	86.7	78.7	67.2	49.2	46.7	65.0	45.1	63.4	85.2	65.0
2019	38.6	45.8	51.6	68.8	76.7	82.5	88.4	85.0	82.3	69.7	51.9	46.4	65.6	43.7	65.7	85.3	68.0
2020	46.9	49.9	60.1	61.7	70.7	83.6	90.9	85.9	76.7	67.9	61.9	46.2	66.9	47.7	64.2	86.8	68.8
2021	42.1	41.0	58.4	66.7	74.2	84.7	88.0	88.0	79.5	72.0	54.3	53.3	66.9	43.1	66.4	86.9	68.6
2022	38.7	49.9	57.9	64.1	75.3	82.9	88.0	87.3	78.1	64.4	58.0	45.7	65.9	47.3	65.8	86.1	66.8
2023	49.2	53.2	55.1	70.9	73.3	80.5	89.3	85.2	79.4	69.8	56.2	50.4	67.7	49.4	66.4	85.0	68.5
2024	43.6	50.5	58.4	67.5	75.8	87.1								48.2			
2025	37.1	44.5	62.0	68.2	74.0	84.8	90.7	82.0	80.1	68.1	56.2	43.2	65.9		68.1	85.8	68.1
Average	40.9	45.6	55.0	65.9	74.6	82.9	87.3	84.5	78.2	66.8	55.0	46.2	65.0	44.4	65.1	84.8	66.7
Maximum	49.2	54.8	63.8	70.9	80.3	87.1	90.9	88.0	82.3	72.1	61.9	56.3	67.7	49.4	68.7	86.9	68.9
Minimum	35.0	33.8	47.1	61.7	70.4	79.5	82.8	80.8	73.8	58.9	49.2	36.0	62.1	38.4	61.3	82.3	64.3

AVERAGE MINIMUM TEMPERATURE (°F)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Winter (Dec-Feb)	Spring (Mar-May)	Summer (Jun-Aug)	Autumn (Sep-Nov)
2007											34.8	30.1					
2008	26.9	26.4	35.0	45.0	47.9	61.8	64.7	60.4	57.8	42.3	35.5	28.7	44.4	27.8	42.6	62.3	45.2
2009	20.7	26.2	32.7	43.3	53.5	60.7	61.9	65.7	56.7	44.8	38.9	25.8	44.3	25.2	43.2	62.8	46.8
2010	23.8	23.3	38.5	44.1	55.1	64.3	67.5	66.6	58.0	45.9	34.6	23.8	45.5	24.3	45.9	66.1	46.2
2011	22.2	26.5	33.5	46.2	57.3	62.7	68.1	64.1	60.1	42.4	38.4	31.9	46.1	24.2	45.6	64.9	47.0
2012	27.5	30.7	42.8	41.7	57.6	59.6	68.1	65.0	56.2	47.0	31.7	33.6	46.8	30.1	47.3	64.2	45.0
2013	28.4	26.4	31.4	43.2	52.7	62.8	68.6	63.2	54.3	47.6	32.4	29.9	45.1	29.5	42.4	64.9	44.7
2014	17.3	23.1	27.2	41.0	52.8	64.0	63.5	61.1	57.3	47.6	32.8	31.0	43.2	23.5	40.4	62.8	45.9
2015	21.7	14.4	28.6	42.9	56.7	63.4	66.0	63.1	59.8	43.6	39.9	39.9	45.0	22.4	42.7	64.2	47.8
2016	21.7	26.9	38.7	41.4		63.2	67.9	67.8	61.6	48.0	36.0	28.9		29.5		66.3	48.6
2017	31.5	33.0				61.1	66.9	63.1	57.6	49.8	34.7	26.0		31.2		63.7	47.4
2018	21.3	32.4	29.0	40.6	58.3	61.8	65.7	67.4	64.1	49.2	34.3	29.8	46.1	26.6	42.6	65.0	49.2
2019	27.4	33.7	32.9	47.1	57.4	62.1	67.5	64.6	60.6	49.8	31.9	29.5	47.0	30.3	45.8	64.8	47.4
2020	29.3	31.3	39.3	40.9	50.6	61.8	69.2	67.4	56.2	47.7	39.7	28.8	46.9	30.0	43.6	66.1	47.9
2021	26.7	27.1	36.7	43.1	49.6	63.2	66.2	67.4	58.4	53.1	32.1	34.0	46.5	27.5	43.1	65.6	47.9
2022	21.4	26.5	34.7	41.6	54.3	60.8	67.4	65.8	57.3	43.1	38.1	26.3	44.8	27.3	43.5	64.7	46.2
2023	33.3	32.3	34.6	46.1	48.0	56.9	67.3	64.3	58.2	47.4	32.7	32.4	46.1	30.6	42.9	62.8	46.1
2024	27.5	29.3	37.3	46.4	55.8	63.3								29.7	46.5		
2025	19.9	27.0	37.4	46.3	54.6	63.9	70.0	61.2	58.2	44.4	35.3	25.7	45.3		46.1	65.0	46.0
Average	24.9	27.6	34.7	43.6	53.9	62.1	66.9	64.6	58.4	46.7	35.2	29.8	45.5	27.6	44.0	64.5	46.8
Maximum	33.3	33.7	42.8	47.1	58.3	64.3	70.0	67.8	64.1	53.1	39.9	39.9	47.0	31.2	47.3	66.3	49.2
Minimum	17.3	14.4	27.2	40.6	47.9	56.9	61.9	60.4	54.3	42.3	31.7	23.8	43.2	22.4	40.4	62.3	44.7

AVERAGE MEAN TEMPERATURE (°F)

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual	Winter (Dec-Feb)	Spring (Mar-May)	Summer (Jun-Aug)	Autumn (Sep-Nov)
2007											44.3	36.7					
2008	34.8	35.4	44.8	54.8	59.1	73.2	75.3	71.1	67.4	53.4	43.4	36.8	54.1	35.6	52.9	73.2	54.7
2009	28.0	36.1	42.4	54.1	62.9	70.1	72.3	75.2	65.2	53.9	47.9	33.3	53.5	33.6	53.2	72.6	55.7
2010	31.3	29.6	47.6	56.7	63.9	74.5	78.5	75.5	69.2	56.1	44.7	29.9	54.8	31.4	56.1	76.2	56.7
2011	28.6	36.5	42.8	56.4	66.6	72.9	78.9	74.1	67.6	50.6	48.9	40.7	55.4	31.7	55.2	75.3	55.7
2012	36.8	39.9	53.3	53.1	67.7	70.1	76.9	74.6	66.7	56.1	41.4	41.5	56.5	39.1	58.0	73.9	54.7
2013	36.0	33.7	39.2	54.5	62.8	72.1	76.9	72.1	65.6	57.3	41.5	38.1	54.1	37.1	52.2	73.7	54.8
2014	26.4	31.6	37.6	52.5	62.4	73.1	73.8	70.9	66.8	56.7	42.0	38.2	52.7	32.0	50.8	72.6	55.2
2015	29.2	24.1	38.9	54.3	68.0	72.6	75.1	74.0	70.3	54.4	49.8	48.1	54.9	30.5	53.7	73.9	58.1
2016	30.7	35.6	49.8	52.9		72.6	78.0	77.8	70.6	58.4	47.3	36.9		38.1		76.1	58.7
2017	38.1	43.9				72.8	77.3	73.0	67.8	61.0	45.2	34.5		39.7		74.4	58.0
2018	31.5	41.5	38.5	51.2	69.3	71.9	76.2	77.0	71.4	58.2	41.7	38.3	55.6	35.8	53.0	75.1	57.1
2019	33.0	39.7	42.3	58.0	67.1	72.3	77.9	74.8	71.5	59.7	41.9	38.0	56.3	37.0	55.8	75.0	57.7
2020	38.1	40.6	49.7	51.3	60.6	72.7	80.0	76.6	66.5	57.8	50.8	37.5	56.9	38.9	53.9	76.4	58.4
2021	34.4	34.0	47.6	54.9	61.9	73.9	77.1	77.7	68.9	62.5	43.2	43.7	56.7	35.3	54.8	76.2	58.2
2022	30.0	38.2	46.3	52.9	64.8	71.2	77.7	76.5	67.7	53.8	48.0	36.0	55.3	37.3	54.7	75.1	56.5
2023	41.3	42.7	44.9	58.5	60.6	68.7	78.3	74.8	68.8	58.6	44.4	41.4	56.9	40.0	54.7	73.9	57.3
2024	35.5	39.9	47.9	56.9	65.8	75.2								38.9	56.9		
2025	28.5	35.8	49.7	57.2	64.3	74.4	80.3	71.6	69.1	56.2	45.8	34.4	55.6		57.1	75.4	57.0
Average	32.9	36.6	44.9	54.7	64.2	72.5	77.1	74.6	68.3	56.7	45.1	38.0	55.3	36.0	54.5	74.7	56.7
Maximum	41.3	43.9	53.3	58.5	69.3	75.2	80.3	77.8	71.5	62.5	50.8	48.1	56.9	40.0	58.0	76.4	58.7
Minimum	26.4	24.1	37.6	51.2	59.1	68.7	72.3	70.9	65.2	50.6	41.4	29.9	52.7	30.5	50.8	72.6	54.7

Updated 1/23/2026

DATA SOURCE: Iowa State University - Iowa Environmental Mesonet: https://mesonet.agron.iastate.edu/sites/locate.php?network=MD_ASOS

NOTES: 1) **Bold red** values indicate extreme maxima, **bald blue** values indicate extreme minima.

2) AWOS stations only report data every 10-20 minutes so the averages, above, likely do not reflect the absolute highest Maximum and lowest Minimum Temperatures.

3) From August-December 2024, data became so inconsistent or unavailable that no monthly data could be included in these tables. By January 1, 2025, consistent and proper data had been restored.

GAITHERSBURG - MONTGOMERY COUNTY AIRPARK (GAI) AWOS Station



Image from Google Earth