



**Human Performance Attachment**

**Weather Data, KAIO, December 12, 2017**

**Oakland, IA**

**HWY18MH003**

(7 pages)

## Weather History for KAIO - December, 2017

December

12

2017

**View**  
Tuesday, December 12, 2017

<b>Daily</b>	Weekly	Monthly	Custom			
				<b>Actual</b>	<b>Average</b>	<b>Record</b>
Temperature						
Mean Temperature				26 °F	-	
Max Temperature				37 °F	36 °F	53 °F (1998)
Min Temperature				14 °F	18 °F	-13 °F (2000)
Degree Days						
Heating Degree Days				40		
Moisture						
Dew Point				17 °F		
Average Humidity				76		
Maximum Humidity				93		
Minimum Humidity				52		
Precipitation						
Precipitation				0.00 in	-	- ()
Sea Level Pressure						
Sea Level Pressure				30.15 in		
Wind						
Wind Speed				9 mph (West)		
Max Wind Speed				15 mph		
Max Gust Speed				20 mph		

Actual

Average

Record

Visibility

10 miles

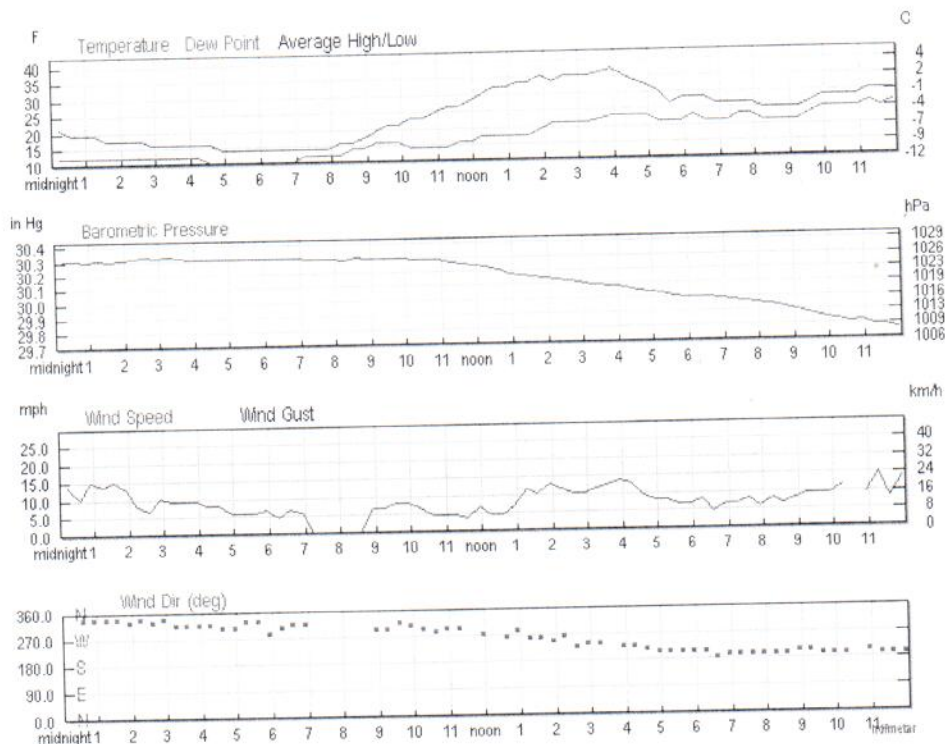
Events

Averages and records for this station are not official NWS values.

T = Trace of Precipitation, MM = Missing Value

Source: NWS Daily Summary

### Daily Weather History Graph



### Search for Another Location

Airport or City:

KAIO

Submit

### Trip Planner

Search our weather history database for the weather conditions in past years. The results will help you decide how hot, cold, wet, or windy it might be!

Date:

December

12

Submit

### Astronomy

	Rise	Set
<b>Dec. 12, 2017</b>		
Actual Time	7:37 AM CST	4:50 PM CST
Civil Twilight	7:06 AM CST	5:22 PM CST
Nautical Twilight	6:31 AM CST	5:56 PM CST
Astronomical Twilight	5:57 AM CST	6:30 PM CST
Moon	2:01 AM CST (12/12)	2:02 PM CST (12/12)
Length of Visible Light	10h 16m	
Length of Day	9h 13m	

**Waning Crescent, 26% of the Moon is Illuminated**

Dec 12	Dec 18	Dec 26	Jan 1	Jan 8
Waning Crescent	New	First Quarter	Full	Last Quarter

### Hourly Weather History & Observations

Time (CST)	Temp.	Windchill	Dew Point	Humidity	Pressure	Visibility	Wind Dir	Wind Speed	Gust Speed	Precip	Events	Conditions
12:15 AM	21.2 °F	8.3 °F	12.2 °F	68%	30.31 in	10.0 mi	North	13.8 mph	19.6 mph	N/A		Clear
12:35 AM	19.4 °F	7.9 °F	12.2 °F	74%	30.31 in	10.0 mi	NNW	10.4 mph	-	N/A		Clear
12:55 AM	19.4 °F	5.5 °F	12.2 °F	74%	30.30 in	10.0 mi	NNW	15.0 mph	-	N/A		Clear
1:15 AM	19.4 °F	6.0 °F	12.2 °F	74%	30.31 in	10.0 mi	NNW	13.8 mph	-	N/A		Clear
1:35 AM	17.6 °F	3.2 °F	12.2 °F	79%	30.30 in	10.0 mi	NNW	15.0 mph	-	N/A		Clear
1:55 AM	17.6 °F	4.3 °F	12.2 °F	79%	30.31 in	10.0 mi	NNW	12.7 mph	-	N/A		Clear
2:15 AM	17.6 °F	7.3 °F	12.2 °F	79%	30.32 in	10.0 mi	NNW	8.1 mph	-	N/A		Clear
2:35 AM	17.6 °F	8.2 °F	12.2 °F	79%	30.33 in	10.0 mi	NNW	6.9 mph	-	N/A		Clear
2:55 AM	15.8 °F	3.4 °F	12.2 °F	86%	30.32 in	10.0 mi	NNW	10.4 mph	-	N/A		Clear
3:15 AM	15.8 °F	4.2 °F	12.2 °F	86%	30.33 in	10.0 mi	NW	9.2 mph	-	N/A		Clear
3:35 AM	15.8 °F	4.2 °F	12.2 °F	86%	30.32 in	10.0 mi	NW	9.2 mph	-	N/A		Clear
3:55 AM	15.8 °F	4.2 °F	12.2 °F	86%	30.31 in	10.0 mi	NW	9.2 mph	-	N/A		Clear
4:15 AM	15.8 °F	5.1 °F	12.2 °F	86%	30.31 in	10.0 mi	NW	8.1 mph	13.8 mph	N/A		Clear
4:35 AM	15.8 °F	5.1 °F	10.4 °F	79%	30.31 in	10.0 mi	NW	8.1 mph	-	N/A		Clear

Time (CST)	Temp.	Windchill	Dew Point	Humidity	Pressure	Visibility	Wind Dir	Wind Speed	Gust Speed	Precip	Events	Conditions
4:55 AM	14.0 °F	5.1 °F	10.4 °F	86%	30.31 in	10.0 mi	NW	5.8 mph	-	N/A		Clear
5:15 AM	14.0 °F	5.1 °F	10.4 °F	86%	30.31 in	10.0 mi	NNW	5.8 mph	-	N/A		Clear
5:35 AM	14.0 °F	5.1 °F	10.4 °F	86%	30.31 in	10.0 mi	NNW	5.8 mph	-	N/A		Clear
5:55 AM	14.0 °F	3.9 °F	10.4 °F	86%	30.31 in	10.0 mi	WNW	6.9 mph	-	N/A		Clear
6:15 AM	14.0 °F	6.5 °F	10.4 °F	86%	30.31 in	10.0 mi	NW	4.6 mph	-	N/A		Clear
6:35 AM	14.0 °F	3.9 °F	10.4 °F	86%	30.31 in	10.0 mi	NW	6.9 mph	-	N/A		Clear
6:55 AM	14.0 °F	5.1 °F	10.4 °F	86%	30.31 in	10.0 mi	NW	5.8 mph	-	N/A		Clear
7:15 AM	14.0 °F	-	12.2 °F	93%	30.30 in	10.0 mi	Calm	Calm	-	N/A		Clear
7:35 AM	14.0 °F	-	12.2 °F	93%	30.30 in	10.0 mi	Calm	Calm	-	N/A		Clear
7:55 AM	14.0 °F	-	12.2 °F	93%	30.30 in	10.0 mi	Calm	Calm	-	N/A		Clear
8:15 AM	15.8 °F	-	12.2 °F	86%	30.29 in	10.0 mi	Calm	Calm	-	N/A		Clear
8:35 AM	15.8 °F	-	14.0 °F	93%	30.31 in	10.0 mi	Calm	Calm	-	N/A		Clear
8:55 AM	17.6 °F	8.2 °F	14.0 °F	86%	30.30 in	10.0 mi	WNW	6.9 mph	-	N/A		Clear
9:15 AM	19.4 °F	10.4 °F	15.8 °F	86%	30.30 in	10.0 mi	WNW	6.9 mph	-	N/A		Clear
9:35 AM	21.2 °F	11.7 °F	15.8 °F	80%	30.30 in	10.0 mi	NW	8.1 mph	-	N/A		Clear
9:55 AM	21.2 °F	11.7 °F	15.8 °F	80%	30.30 in	10.0 mi	NW	8.1 mph	-	N/A		Clear
10:15 AM	23.0 °F	14.7 °F	14.0 °F	68%	30.29 in	10.0 mi	WNW	6.9 mph	-	N/A		Clear
10:35 AM	23.0 °F	17.0 °F	14.0 °F	68%	30.28 in	10.0 mi	WNW	4.6 mph	-	N/A		Clear
10:55 AM	24.8 °F	19.1 °F	14.0 °F	64%	30.28 in	10.0 mi	WNW	4.6 mph	-	N/A		Clear
11:15 AM	26.6 °F	21.2 °F	14.0 °F	59%	30.26 in	10.0 mi	WNW	4.6 mph	-	N/A		Clear
11:35 AM	26.6 °F	22.6 °F	15.8 °F	64%	30.25 in	10.0 mi	Variable	3.5 mph	-	N/A		Clear
11:55 AM	28.4 °F	21.2 °F	15.8 °F	59%	30.24 in	10.0 mi	West	6.9 mph	-	N/A		Clear
12:15 PM	30.2 °F	25.4 °F	17.6 °F	60%	30.23 in	10.0 mi	Variable	4.6 mph	-	N/A		Clear
12:35 PM	32.0 °F	27.5 °F	17.6 °F	55%	30.21 in	10.0 mi	West	4.6 mph	-	N/A		Clear

Time (CST)	Temp.	Windchill	Dew Point	Humidity	Pressure	Visibility	Wind Dir	Wind Speed	Gust Speed	Precip	Events	Conditions
12:55 PM	32.0 °F	25.6 °F	17.6 °F	55%	30.18 in	10.0 mi	WNW	6.9 mph	-	N/A		Clear
1:15 PM	33.8 °F	25.3 °F	17.6 °F	52%	30.17 in	10.0 mi	West	11.5 mph	-	N/A		Clear
1:35 PM	33.8 °F	25.8 °F	17.6 °F	52%	30.16 in	10.0 mi	West	10.4 mph	-	N/A		Clear
1:55 PM	35.6 °F	27.1 °F	19.4 °F	52%	30.15 in	10.0 mi	WSW	12.7 mph	-	N/A		Clear
2:15 PM	33.8 °F	25.3 °F	21.2 °F	60%	30.13 in	10.0 mi	West	11.5 mph	-	N/A		Scattered Clouds
2:35 PM	35.6 °F	28.0 °F	21.2 °F	56%	30.12 in	10.0 mi	SW	10.4 mph	-	N/A		Overcast
2:55 PM	35.6 °F	28.0 °F	21.2 °F	56%	30.11 in	10.0 mi	WSW	10.4 mph	-	N/A		Overcast
3:15 PM	35.6 °F	27.5 °F	21.2 °F	56%	30.09 in	10.0 mi	WSW	11.5 mph	-	N/A		Overcast
3:55 PM	37.4 °F	28.9 °F	23.0 °F	56%	30.08 in	10.0 mi	SW	13.8 mph	-	N/A		Scattered Clouds
4:15 PM	35.6 °F	27.1 °F	23.0 °F	60%	30.07 in	10.0 mi	SW	12.7 mph	-	N/A		Clear
4:35 PM	33.8 °F	26.4 °F	23.0 °F	65%	30.05 in	10.0 mi	SW	9.2 mph	-	N/A		Clear
4:55 PM	32.0 °F	24.8 °F	23.0 °F	69%	30.04 in	10.0 mi	SSW	8.1 mph	-	N/A		Clear
5:15 PM	30.2 °F	22.6 °F	21.2 °F	69%	30.03 in	10.0 mi	SSW	8.1 mph	-	N/A		Clear
5:35 PM	26.6 °F	19.1 °F	21.2 °F	80%	30.01 in	10.0 mi	SSW	6.9 mph	-	N/A		Clear
5:55 PM	28.4 °F	21.2 °F	21.2 °F	74%	29.99 in	10.0 mi	SSW	6.9 mph	-	N/A		Clear
6:15 PM	28.4 °F	20.4 °F	23.0 °F	80%	29.99 in	10.0 mi	SSW	8.1 mph	-	N/A		Clear
6:35 PM	28.4 °F	23.3 °F	21.2 °F	74%	29.99 in	10.0 mi	South	4.6 mph	-	N/A		Clear
6:55 PM	26.6 °F	19.1 °F	21.2 °F	80%	29.98 in	10.0 mi	SSW	6.9 mph	-	N/A		Clear
7:15 PM	26.6 °F	19.1 °F	21.2 °F	80%	29.97 in	10.0 mi	SSW	6.9 mph	-	N/A		Clear
7:35 PM	26.6 °F	18.2 °F	23.0 °F	86%	29.96 in	10.0 mi	SSW	8.1 mph	-	N/A		Clear
7:55 PM	26.6 °F	20.0 °F	23.0 °F	86%	29.95 in	10.0 mi	SSW	5.8 mph	-	N/A		Clear
8:15 PM	24.8 °F	16.1 °F	21.2 °F	86%	29.94 in	10.0 mi	SSW	8.1 mph	-	N/A		Clear
8:35 PM	24.8 °F	16.9 °F	21.2 °F	86%	29.93 in	10.0 mi	SSW	6.9 mph	-	N/A		Clear
8:55 PM	24.8 °F	16.1 °F	21.2 °F	86%	29.91 in	10.0 mi	SSW	8.1 mph	-	N/A		Clear

Time (CST)	Temp.	Windchill	Dew Point	Humidity	Pressure	Visibility	Wind Dir	Wind Speed	Gust Speed	Precip	Events	Conditions
9:15 PM	24.8 °F	15.3 °F	21.2 °F	86%	29.89 in	10.0 mi	SSW	9.2 mph	-	N/A		Clear
9:35 PM	26.6 °F	17.5 °F	23.0 °F	86%	29.87 in	10.0 mi	SSW	9.2 mph	-	N/A		Clear
9:55 PM	28.4 °F	19.7 °F	24.8 °F	86%	29.85 in	10.0 mi	SSW	9.2 mph	-	N/A		Clear
10:15 PM	28.4 °F	18.5 °F	24.8 °F	86%	29.83 in	10.0 mi	SSW	11.5 mph	-	N/A		Clear
10:35 PM	28.4 °F	-	24.8 °F	86%	29.81 in	10.0 mi	North	-	-	N/A		Clear
10:55 PM	28.4 °F	19.7 °F	24.8 °F	86%	29.82 in	10.0 mi	SSW	9.2 mph	-	N/A		Clear
11:15 PM	30.2 °F	19.3 °F	26.6 °F	86%	29.79 in	10.0 mi	SSW	15.0 mph	-	N/A		Clear
11:35 PM	30.2 °F	22.6 °F	24.8 °F	80%	29.79 in	10.0 mi	SSW	8.1 mph	-	N/A		Clear
11:55 PM	30.2 °F	19.8 °F	26.6 °F	86%	29.77 in	10.0 mi	SSW	13.8 mph	-	N/A		Clear