

DEPARTMENT OF ENVIRONMENTAL QUALITY
 AIR QUALITY DIVISION
 ACTIVITY REPORT: Complaint Investigation

A293151803

FACILITY: DIAMOND CHROME PLATING INC		SRN / ID: A2931
LOCATION: 604 S MICHIGAN, HOWELL		DISTRICT: Lansing
CITY: HOWELL		COUNTY: LIVINGSTON
CONTACT: Scott Wright, Environmental Manager		ACTIVITY DATE: 12/23/2019
STAFF: Daniel McGeen	COMPLIANCE STATUS: Compliance	SOURCE CLASS: MINOR
SUBJECT: Investigation of two PEAS complaints which attributed an acetone-like odor or acetone and bleach mixture-like odor to DCP.		
RESOLVED COMPLAINTS: C-20-02353, C-20-02354		

On 12/23/2019, the Michigan Department of Environment, Great Lakes, and Energy (EGLE), Air Quality Division (AQD) conducted a complaint investigation in response to two Pollution Emergency Alert System (PEAS) complaints which had been received by AQD that morning. Both complaints attributed odors to Diamond Chrome Plating, Inc. (DCP).

Complaints received today:

1. AQD Complaint Number C-20-02353 was received by email at 11:19 AM today. It was associated with PEAS Incident Report 22861. Date and time of PEAS call was 12/23/2019 at 10:49 AM, and the incident was reported to have occurred on 12/22/2019 at 3:45 PM. PEAS report states: "Odor like nail polish remover coming from nearby business."
2. AQD Complaint Number C-20-02354 was received by email at 11:54 AM today. It was associated with PEAS Incident Report 22862. Date and time of PEAS call was 12/23/2019, at 11:35 AM, and the incident was reported to have occurred at 3:00 PM on 12/22. PEAS report states: "A strong odor of a mix of nail polish remover/bleach smell. Cancer issue in the area." Subsequent discussion later today with the complainant indicated that the odor was detected during the morning of 12/23, in addition to on 12/22.

Relevant weather data:

During the morning of 12/23/2019, according to the Howell Livingston County airport weather data online, winds were generally out of the southwest. Online data for 12/22 also shows winds were generally out of the southwest. Data for Howell's Livingston County Airport, for selected dates, can be viewed at: www.timeanddate.com/weather/@4999829/historic

Odor evaluation:

AQD left Constitution Hall at roughly 12:15 PM on 12/23/2019, to investigate the complaints. I conducted an odor evaluation, upon arrival in the Howell area. Please see attached Odor Survey Form, map of offsite odors detected, and a summary of weather data for the day. Weather conditions were partly sunny and 55 degrees F, with winds out of the southwest at an estimated 10 miles per hour.

Odors detected during the odor evaluation are summarized, below:

- 1:42 PM, at Maple Street and Aberdeen Way: level 2 (distinct and definite) odor of musty paint, with a faint, bleach-like character. This location was upwind of the residential area where the complainants were located on 12/22 and earlier today. The suspected source is a coating facility known as Novares - Howell.
- 1:59 PM, at W. Brooks Street and S. Walnut Street: level 1 (barely detectable) odor of diesel exhaust; source unknown.
- 2:00 PM, at E. Brooks Street and Michigan Avenue: level 2 (distinct and definite) acidic odor, suspected source is DCP. Odor was continuous for 20-30 seconds, but was not detected later at this same location.
- 2:09 PM, at W. Crane St. and S. Walnut Street, level 2 (distinct and definite) odor of burning leaves.

The odors detected above were determined to be insufficient at this time to constitute a violation of Rule 901(b), which prohibits unreasonable interference with the comfortable enjoyment of life and property. The level 2 acidic odor which I detected downwind of DCP was not the first instance of an acidic odor that I have detected from the plant. However, in these previous instances, the acidic odors have

rooted - kd

generally been barely detectable, and have been immediately adjacent to the plant and did not generate any complaints.

The 0 to 5 odor scale used by AQD is as follows:

Level	Description
0	Non-detect
1	Just barely detectable
2	Distinct and definite
3	Distinct and definite objectionable odor
4	Odor strong enough to cause a person attempt to avoid it completely
5	Odor so strong as to be overpowering and intolerable for any length of time

During the odor evaluation described above, I left a business card on the porch, under the doormat, of the first PEAS complainant, as no one appeared to be home. I did not detect any odors at that time. I did not have a street address for the second PEAS complainant, and so did not stop at their residence.

Arrival:

As I prepared to arrive at DCP, I saw no visible emissions from the facility. There was no steam plume associated with either the nickel scrubber or the cooling tower, at this time. Uncombined water vapor, or steam, is not a regulated air pollutant.

I parked in the north parking lot of DCP, and briefly noticed a barely detectable acidic odor. The odor resembled the stronger acidic odor I detected on Brooks Street, earlier today. With the wind out of the southwest at this time, I was downwind of the west portion of the plant. It was not clear to me if the odor was a fugitive emission, or could be from down washing stack emissions, as no visible emissions could be seen.

Discussion with company:

In the lobby of the DCP office, I initially spoke with Ms. April Smith, Vice President & Human Resources. I explained that I was following up on a complaint of odors from the afternoon of 12/22 and morning of 12/23 which the complainants had attributed to DCP. Since one complaint referenced Sunday, 12/22, Ms. Smith felt DCP could not be the source, as DCP does not operate on Sundays.

We were soon joined in the lobby by Mr. Scott Wright, DCP's Environmental Manager. Although I suspected a different industrial facility to be associated with the PEAS complaints, I asked if DCP had been using acetone or mineral spirits to wipe down any parts.

Ms. Smith went to check with production staff in the plant, to ask if they had done any wipe down of parts today. Upon her return, she informed me that she was told they had used only the vapor degreaser. She said it was used for limited production this morning, but was not cleaning parts now, because they were preparing to shut the plant down for the holiday shutdown period. I was told that if they were to clean more parts today, they would not have time to chrome plate them, and the parts would begin to rust, before the plant starts up again. It was my understanding that there would be no production for the rest of this week, 12/23-12/27.

I was informed that the production parts cleaning done with the vapor degreaser today was using the NEXT® 5408 solvent. NEXT® 5408 is the second solvent which DCP proposed as a replacement for trichloroethylene (TCE). TCE was reportedly removed from the degreaser on 11/25/2019, and AQD verified this on 12/3. On 12/3/2019, while visiting the plant, I had verbally requested an EGLE Rule 290 exemption demonstration, prior to the addition of the NEXT® 5408 to the degreaser. The Part 2 exemption rules within the Michigan Air Pollution Control Rules allow facilities to install and operate minor sources of air emissions, provided they meet the criteria specified in the relevant exemption rule.

AQD had recently been informed, on 12/17/2019, by DCP's environmental consultant, BB&E's Ms. Celeste Holtz, that DCP would be doing an industrial hygiene survey with this solvent on 12/20/2019, as part of their evaluation of its suitability for DCP's use. AQD had not been informed of a start date for production, and it was my impression that the exact start date was unclear. On Friday, 12/20, AQD received an exemption demonstration from BB&E which indicated that the use of the NEXT® 5408 solvent in the current vapor degreaser would satisfy the EGLE Rule 290 exemption criteria. On the morning of 12/23, my cursory review of the exemption demonstration showed that the typical monthly emissions for the unit were estimated to be less than 1,000 lbs, total, of noncarcinogenic VOCs or noncarcinogenic materials that are listed in R 336.1122(f) as not contributing appreciably to the formation of ozone. I informed DCP staff today that AQD staff besides myself would soon be reviewing the demonstration, and we would inform them of any questions or concerns.

I described the distinct and definite acidic odor I had detected today, one block northeast of DCP, on W. Brooks Street. Mr. Wright was not aware of anything unusual at the plant, and indicated that the scrubbers were running, for the chrome plating lines. Because I was clearly downwind of the west side of the DCP building, when odors were detected in the north parking lot, DCP is most likely the source of the odor. AQD will continue to follow up on odor complaints and check for odors, while in the area.

I left the plant at 2:36 PM. The wind was presently 0-5 mph out of the northeast, but shifted to 0-5 mph out of the southwest. I detected no odors in the north parking lot, at this time.

Conclusion:

No new instances of noncompliance were detected today. A coating facility, Novares - Howell, in a nearby industrial park, appeared to me to be the likeliest source for the odors associated with today's PEAS calls. AQD will follow up separately with that facility. DCP did appear, however, to be the source of an acidic odor, at times, today, which AQD will follow up on. This odor did not appear to be associated with the vapor degreaser.

AQD conducted an initial review of the Rule 290 demonstration for using the NEXT® 5408 solvent in the vapor degreaser, which found that the Rule 290 exemption criteria appeared to be met. AQD staff will review the Rule 290 exemption demonstration more in-depth, and notify DCP of any concerns with the 290 demonstration.

NAME



DATE



SUPERVISOR





ODOR SURVEY FORM

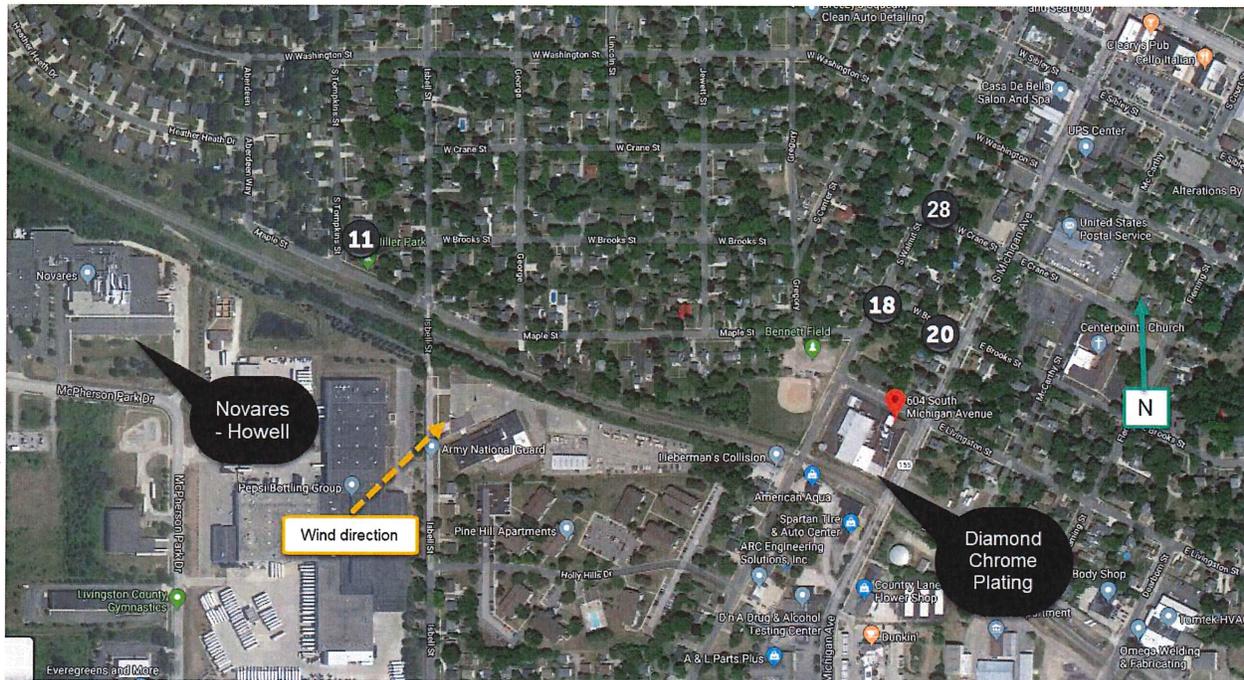
Source Name: Diamond Chrome Plating, Inc.		Inspector: McGeen, Dan		
Source Address: 604 S. Michigan Avenue Howell, MI 48843		Date: 12/23/2019		
Sky Conditions: Partly sunny		Temperature: 55 degrees F		
Wind Speed: 10 miles per hour (mph)	Wind Direction: SW		Source of Meteorological Data: Car thermometer	
Location (attach map, if available)	Time	Odor Scale (See below)	Characteristic (See below)	Comments: (Observations that will aid in the determination of the source & properties of the odor)
1. S Center & W Sibley St.	1:26 PM	0		
2. S Center & Washington	1:27 PM	0		
3. S Center & W. Brooks St.	1:27 PM	0		
4. Gregory & W. Crane St.	1:28 PM	0		
5. Gregory & Washington	1:29 PM	0		
6. Gregory & Washington	1:35 PM	0		
7. Brooks & Jewett St.	1:39 PM	0		
8. Maple & Jewett St.	1:40 PM	0		
9. Isabel & Maple St.	1:41 PM	0		
10. Maple St Don Mills Park	1:42 PM	0		
11. Maple & Aberdeen Way	1:42 PM	2	Musty paint, Bleach	Odor was continuous, downwind of Key Plastics.
12. Heather Heath	1:47 PM	0		West of intersection with Aberdeen Way.
13. Heather H. & Umland	1:48 PM	0		
<u>Odor Scale</u> 0 - Non-Detect 1 - Just barely detectable 2 - Distinct and definite odor 3 - Distinct and definite objectionable odor 4 - Odor strong enough to cause a person to attempt to avoid it completely 5 - Odor so strong as to be overpowering and intolerable for any length of time			<u>Odor characteristic examples:</u> Paint-like Musty, moldy Burnt, smoky Tar-like, asphalt Cut grass Citrus fruit	



ODOR SURVEY FORM

Source Name: Diamond Chrome Plating, Inc.		Inspector: McGeen, Dan		
Source Address: 604 S. Michigan Avenue Howell, MI 48843		Date: 12/23/2019		
Sky Conditions: Partly sunny		Temperature: 55 degrees F		
Wind Speed: 10 miles per hour (mph)	Wind Direction: SW		Source of Meteorological Data: Car thermometer	
Location (attach map, if available)	Time	Odor Scale (See below)	Characteristic (See below)	Comments: (Observations that will aid in the determination of the source & properties of the odor)
14. Heather H. & Browning	1:50 PM	0		
15. W. Sibley & Michigan Ave.	1:54 PM	0		
16. Michigan & E. Livingston St	1:56 PM	0		
17. Walnut St. & Mason Rd.	1:57 PM	0		
18. W. Brooks & S. Walnut St.	1:59 PM	1	Diesel Exhaust	Source unknown.
19. Brooks, W. of Michigan	1:59 PM	0		
20. E. Brooks & Michigan Ave.	2:00 PM	2	Acidic	DCP suspect source. Odor was continual, for 20-30 seconds.
21. McCarthy & Livingston	2:01 PM	0		
22. E. Brooks & Fleming St.	2:02 PM	0		
23. Parking lot, Church	2:03 PM	0		Church on Brooks Street.
24. E. Brooks & Michigan Ave.	2:04 PM	0		
25. Baseball field near DCP	2:05 PM	0		
26. E. Brooks & Michigan Ave.	2:07 PM	0		
Odor Scale 0 - Non-Detect 1 - Just barely detectable 2 - Distinct and definite odor 3 - Distinct and definite objectionable odor 4 - Odor strong enough to cause a person to attempt to avoid it completely 5 - Odor so strong as to be overpowering and intolerable for any length of time			Odor characteristic examples: Paint-like Musty, moldy Burnt, smoky Tar-like, asphalt Cut grass Citrus fruit	

Map of offsite odors detected in City of Howell during AQD's 12/23/2019 complaint investigation of Diamond Chrome Plating, Inc., SRN A2931



Key to map:

Location # in odor survey forms	Time	Odor scale	Odor characteristics
11	1:42 PM	Level 2	Musty paint, faintly like bleach
18	1:59 PM	Level 1	Diesel exhaust
20	2:00 PM	Level 2	Acidic
28	2:09 PM	Level 2	Burning leaves

Odor scale:

Level	Description
0	Non-detect
1	Just barely detectable
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🇺🇸 Past Weather in Howell, Michigan, USA — Yesterday and Last 2 Weeks

Now

38 °F

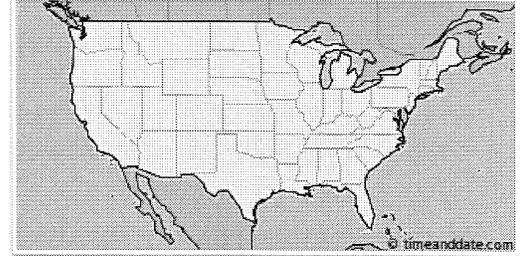
Overcast.



Location: Livingston County Airport
 Current Time: Dec 27, 2019 at 4:04:10 pm
 Latest Report: Dec 27, 2019 at 3:36 pm

Visibility: 10 mi
 Pressure: 30.19 "Hg
 Humidity: 81%
 Dew Point: 33 °F

Feels Like: 31 °F
 Forecast: 43 / 32 °F
 Wind: 9 mph → from West



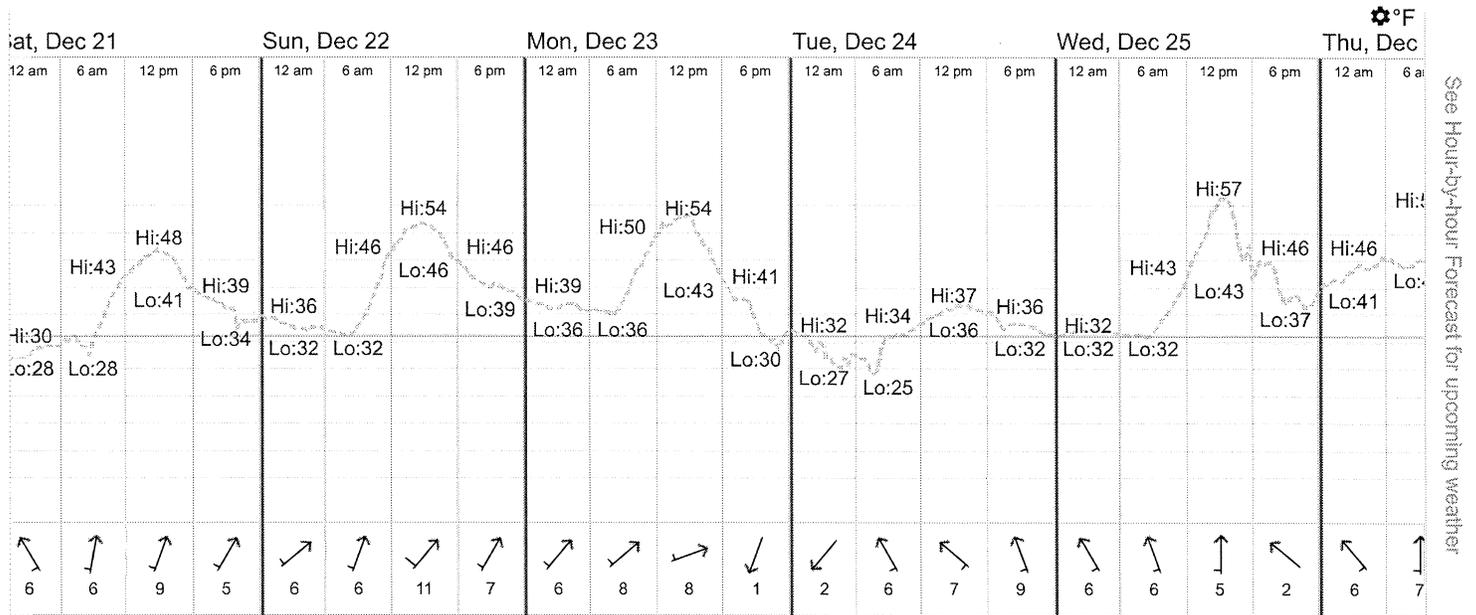
Time/General Weather ▾ Time Zone DST Changes Sun & Moon ▾

Place or country...

Weather Today/Tomorrow Hour-by-hour Forecast 14 Day Forecast Yesterday/Past Weather Climate (Averages)

Select month:

Past Weather in Howell — Graph



Saturday, December 21, 2019, 12:00 am — 6:00 am

30 / 28 °F
 Clear.

Humidity: 82%
 Barometer: 30.4 "Hg

SSE
 Wind: 5.593 mph



timeanddate.com

Howell Temperature Yesterday

Maximum temperature yesterday: 59 °F (at 1:55 pm)

Minimum temperature yesterday: 41 °F (at 12:16 am)

Average temperature yesterday: 51 °F

High & Low Weather Summary for the Past Weeks

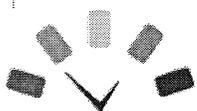
	Temperature	Humidity	Pressure
High	59 °F (Dec 26, 1:55 pm)	99% (Dec 25, 6:16 am)	30.54 "Hg (Dec 25, 6:16 am)
Low	8 °F (Dec 19, 12:55 am)	35% (Dec 19, 1:56 pm)	29.57 "Hg (Dec 14, 1:16 pm)
Average	33 °F	74%	30.09 "Hg
* Reported Dec 12 2:15 pm — Dec 27 2:36 pm, Howell. Weather by CustomWeather, © 2019			

Note: Actual official high and low records may vary slightly from our data, if they occurred in-between our weather recording intervals... [More about our weather records](#)

Howell Weather History for December 23, 2019

Show weather for:

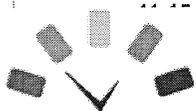
Time	Conditions			Comfort			Barome
		Temp	Weather	Wind	Humidity		
12:16 am Mon, Dec 23		38 °F	Clear.	7 mph	↗ 65%		30.08 "
12:36 am		38 °F	Clear.	7 mph	↗ 65%		30.08 "
12:55 am		38 °F	Clear.	6 mph	↗ 66%		30.08 "
1:15 am		38 °F	Clear.	8 mph	↗ 69%		30.08 "
1:35 am		38 °F	Clear.	7 mph	↗ 73%		30.07 "
1:55 am		37 °F	Clear.	7 mph	↗ 75%		30.07 "
2:16 am		37 °F	Clear.	6 mph	↗ 78%		30.07 "
2:35 am		37 °F	Clear.	6 mph	↗ 78%		30.07 "
2:56 am		37 °F	Clear.	7 mph	↗ 82%		30.07 "
3:16 am		37 °F	Clear.	7 mph	↗ 82%		30.06 "
3:36 am		38 °F	Clear.	7 mph	↗ 83%		30.06 "
4:16 am		38 °F	Clear.	7 mph	↗ 86%		30.05 "
4:35 am		38 °F	Clear.	6 mph	↗ 86%		30.05 "



5:35 am		36 °F	Clear.	6 mph	↗	89%	30.05 "
5:56 am		36 °F	Clear.	6 mph	↗	89%	30.05 "
6:16 am		37 °F	Clear.	6 mph	↗	88%	30.05 "
6:36 am		36 °F	Clear.	5 mph	↗	88%	30.05 "
6:55 am		36 °F	Clear.	6 mph	↗	87%	30.05 "
7:15 am		36 °F	Clear.	6 mph	↗	85%	30.05 "
7:35 am		36 °F	Clear.	6 mph	↗	84%	30.05 "
7:55 am		36 °F	Clear.	6 mph	↗	86%	30.05 "
8:35 am		37 °F	Sunny.	7 mph	↗	82%	30.05 "
8:55 am		38 °F	Sunny.	7 mph	↗	78%	30.04 "
9:16 am		40 °F	Sunny.	8 mph	↗	75%	30.05 "
9:35 am		41 °F	Sunny.	9 mph	↗	71%	30.04 "
9:55 am		43 °F	Sunny.	13 mph	↗	65%	30.04 "
10:15 am		45 °F	Sunny.	14 mph	↗	62%	30.03 "
10:36 am		45 °F	Sunny.	8 mph	↗	60%	30.04 "
10:55 am		47 °F	Sunny.	7 mph	↗	57%	30.05 "
11:35 am		49 °F	Sunny.	13 mph	↗	49%	30.05 "
11:56 am		51 °F	Sunny.	9 mph	↗	47%	30.03 "
12:15 pm		51 °F	Sunny.	12 mph	↗	44%	30.02 "
12:35 pm		53 °F	Sunny.	12 mph	↗	41%	30.02 "
12:56 pm		52 °F	Sunny.	9 mph	↗	41%	30.01 "
1:36 pm		53 °F	Sunny.	12 mph	↗	39%	29.99 "
2:16 pm		54 °F	Sunny.	12 mph	↗	36%	29.98 "
3:00 pm		54 °F	Sunny.	11 mph	↗	33%	29.98 "



3:16 pm		53 °F	Sunny.	10 mph	→	38%	30.00 "
3:36 pm		51 °F	Sunny.	10 mph	→	41%	30.00 "
3:55 pm		50 °F	Sunny.	6 mph	→	43%	30.00 "
4:15 pm		49 °F	Sunny.	6 mph	↘	47%	30.01 "
4:36 pm		48 °F	Sunny.	6 mph	↘	49%	30.02 "
5:15 pm		45 °F	Clear.	No wind	↓	58%	30.03 "
5:35 pm		44 °F	Clear.	No wind	↓	62%	30.04 "
5:55 pm		42 °F	Clear.	No wind	↓	66%	30.06 "
6:15 pm		42 °F	Clear.	No wind	↓	69%	30.06 "
6:36 pm		40 °F	Clear.	No wind	↓	73%	30.07 "
6:56 pm		39 °F	Clear.	No wind	↓	77%	30.07 "
7:35 pm		39 °F	Clear.	3 mph	↘	77%	30.08 "
8:15 pm		38 °F	Clear.	No wind	↓	79%	30.09 "
8:16 pm		39 °F	Clear.	No wind	↓	78%	30.09 "
8:35 pm		36 °F	Clear.	No wind	↓	85%	30.10 "
8:55 pm		35 °F	Clear.	No wind	↓	88%	30.10 "
9:15 pm		33 °F	Fog.	No wind	↓	92%	30.10 "
9:16 pm		32 °F	Fog.	No wind	↓	92%	30.10 "
9:36 pm		32 °F	Ice fog.	No wind	↓	94%	30.10 "
9:55 pm		32 °F	Ice fog.	No wind	↓	94%	30.10 "
10:15 pm		31 °F	Ice fog.	No wind	↓	93%	30.10 "
10:35 pm		31 °F	Ice fog.	No wind	↓	94%	30.10 "
10:55 pm		29 °F	Ice fog.	No wind	↓	95%	30.10 "



11:36 pm		33 °F	Fog.	6 mph	↙	95%	30.13 "
11:55 pm		33 °F	Clear.	6 mph	↙	93%	30.12 "

Weather by CustomWeather, © 2019

Dec 27 | Dec 26 | Dec 25 | Dec 24 | Dec 23 | Dec 22 | Dec 21 | Dec 20 | Dec 19 | Dec 18 | Dec 17 | Dec 16 | Dec 15 | Dec 14 | Dec 13 | Dec

12

[See weather overview >](#)



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🇺🇸 Past Weather in Howell, Michigan, USA — Yesterday and Last 2 Weeks

Now

38 °F

Overcast.

Feels Like: 31 °F

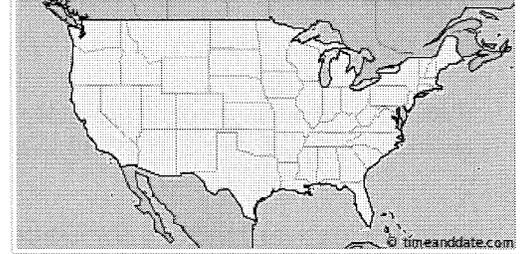
Forecast: 43 / 32 °F

Wind: 9 mph → from West



Location: Livingston County Airport
 Current Time: Dec 27, 2019 at 4:04:29 pm
 Latest Report: Dec 27, 2019 at 3:36 pm

Visibility: 10 mi
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 Humidity: 81%
 Dew Point: 33 °F



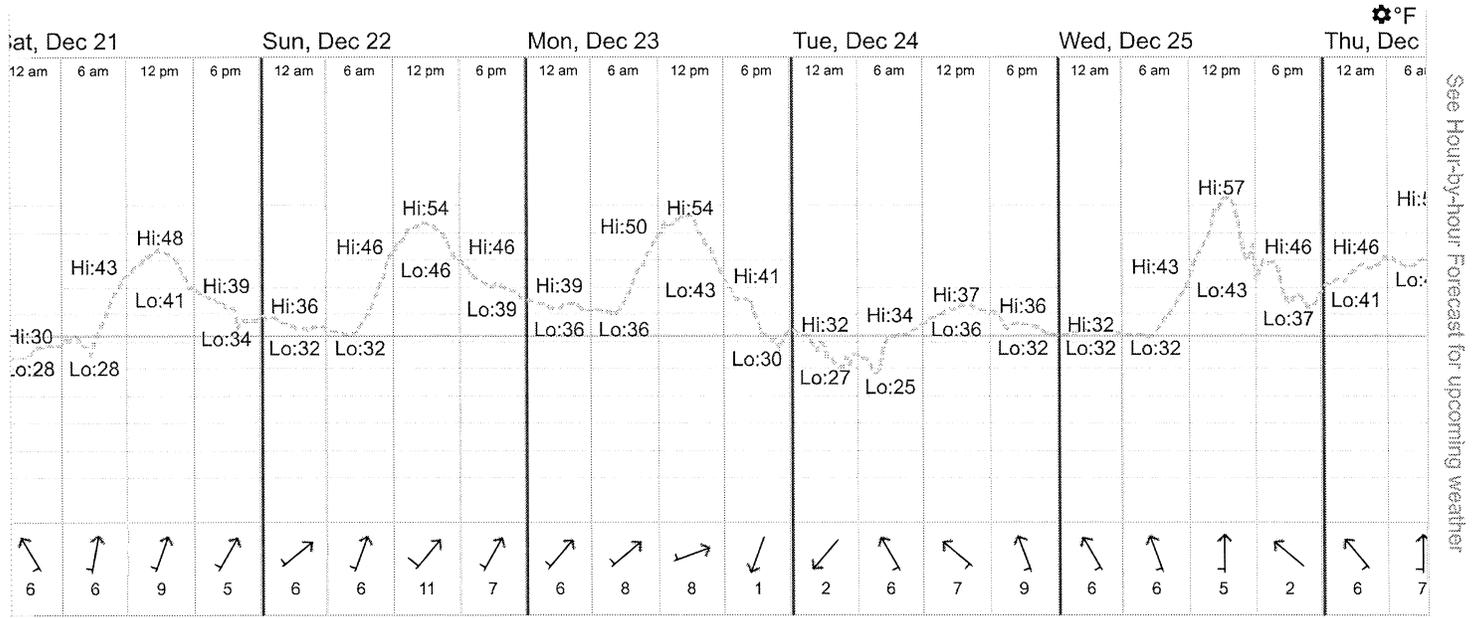
Time/General Weather ▾ Time Zone DST Changes Sun & Moon ▾

Place or country...

Weather Today/Tomorrow Hour-by-Hour Forecast 14 Day Forecast Yesterday/Past Weather Climate (Averages)

Select month:

Past Weather in Howell — Graph



Saturday, December 21, 2019, 12:00 am — 6:00 am

30 / 28 °F
 Clear.

Humidity: 82%
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SSE
 Wind: 5.593 mph



timeanddate.com

See Hour-by-hour Forecast for upcoming weather

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Maximum temperature yesterday: 59 °F (at 1:55 pm)

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Average temperature yesterday: 51 °F

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Howell Weather History for December 22, 2019

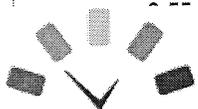
Show weather for:

Time	Conditions			Comfort			Barome
		Temp	Weather	Wind	Humidity		
12:16 am Sun, Dec 22		36 °F	Clear.	7 mph	↗ 69%		30.25 "
12:35 am		35 °F	Clear.	7 mph	↗ 71%		30.25 "
12:55 am		35 °F	Clear.	8 mph	↗ 70%		30.24 "
1:15 am		35 °F	Clear.	7 mph	↗ 70%		30.24 "
1:16 am		35 °F	Clear.	8 mph	↗ 70%		30.24 "
1:35 am		35 °F	Clear.	8 mph	↗ 71%		30.24 "
1:55 am		34 °F	Clear.	7 mph	↗ 72%		30.25 "
2:15 am		34 °F	Clear.	7 mph	↗ 73%		30.26 "
2:35 am		34 °F	Clear.	7 mph	↗ 74%		30.26 "
2:56 am		34 °F	Clear.	5 mph	↗ 74%		30.26 "
3:15 am		33 °F	Clear.	5 mph	↗ 74%		30.26 "
3:35 am		33 °F	Clear.	3 mph	↗ 73%		30.26 "
3:56 am		33 °F	Clear.	5 mph	↗ 73%		30.26 "



4:55 am		34 °F	Clear.	6 mph	↗	71%	30.25 "
5:16 am		33 °F	Clear.	7 mph	↗	71%	30.25 "
5:36 am		34 °F	Clear.	6 mph	↗	70%	30.25 "
5:55 am		33 °F	Clear.	5 mph	↗	71%	30.25 "
6:15 am		33 °F	Clear.	3 mph	↗	72%	30.25 "
6:35 am		33 °F	Clear.	5 mph	↑	72%	30.25 "
6:56 am		33 °F	Clear.	3 mph	↑	72%	30.24 "
7:15 am		32 °F	Clear.	5 mph	↑	72%	30.24 "
7:36 am		32 °F	Clear.	7 mph	↑	73%	30.24 "
8:15 am		32 °F	Sunny.	6 mph	↑	73%	30.24 "
8:16 am		32 °F	Sunny.	6 mph	↑	73%	30.24 "
8:35 am		33 °F	Sunny.	5 mph	↑	72%	30.24 "
8:55 am		34 °F	Sunny.	6 mph	↑	70%	30.25 "
9:15 am		35 °F	Sunny.	6 mph	↑	69%	30.25 "
9:35 am		36 °F	Sunny.	6 mph	↗	68%	30.24 "
10:15 am		39 °F	Sunny.	7 mph	↗	65%	30.24 "
10:35 am		41 °F	Sunny.	9 mph	↗	63%	30.24 "
10:56 am		42 °F	Sunny.	6 mph	↗	60%	30.24 "
11:15 am		45 °F	Sunny.	8 mph	↘	57%	30.23 "
11:36 am		47 °F	Sunny.	10 mph	↘	55%	30.22 "
11:56 am		47 °F	Sunny.	9 mph	↘	55%	30.21 "
12:15 pm		49 °F	Sunny.	14 mph	↗	51%	30.20 "
12:36 pm		49 °F	Sunny.	12 mph	↘	52%	30.20 "
1:00 pm		50 °F	Sunny.	10 mph	↗	50%	30.20 "

1:36 pm		52 °F	Sunny.	15 mph		47%	30.18 "
2:15 pm		52 °F	Sunny.	15 mph		39%	30.17 "
2:35 pm		53 °F	Sunny.	10 mph		39%	30.16 "
2:55 pm		53 °F	Sunny.	13 mph		39%	30.16 "
3:15 pm		52 °F	Sunny.	8 mph		39%	30.15 "
3:35 pm		52 °F	Sunny.	13 mph		38%	30.15 "
4:15 pm		51 °F	Sunny.	10 mph		37%	30.14 "
4:16 pm		51 °F	Sunny.	12 mph		37%	30.14 "
4:35 pm		50 °F	Sunny.	7 mph		38%	30.14 "
4:56 pm		48 °F	Sunny.	8 mph		41%	30.14 "
5:15 pm		47 °F	Clear.	5 mph		42%	30.14 "
5:35 pm		46 °F	Clear.	6 mph		42%	30.13 "
5:56 pm		46 °F	Clear.	7 mph		41%	30.13 "
6:16 pm		45 °F	Clear.	6 mph		41%	30.13 "
6:36 pm		45 °F	Clear.	3 mph		42%	30.13 "
6:55 pm		43 °F	Clear.	5 mph		48%	30.13 "
7:15 pm		43 °F	Clear.	5 mph		52%	30.13 "
7:35 pm		42 °F	Clear.	6 mph		54%	30.13 "
8:15 pm		42 °F	Clear.	6 mph		56%	30.12 "
8:35 pm		41 °F	Clear.	7 mph		56%	30.12 "
8:55 pm		41 °F	Clear.	8 mph		56%	30.12 "
9:16 pm		42 °F	Clear.	9 mph		56%	30.11 "
9:36 pm		41 °F	Clear.	10 mph		58%	30.10 "



10:35 pm		40 °F	Clear.	9 mph	↑	60%	30.10 "
10:55 pm		40 °F	Clear.	9 mph	↑	61%	30.10 "
11:16 pm		40 °F	Clear.	8 mph	↑	63%	30.09 "
11:36 pm		39 °F	Clear.	7 mph	↑	65%	30.09 "
11:55 pm		39 °F	Clear.	8 mph	↑	64%	30.09 "

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