

AS OF: 7/15/2026 11:45 AM

FINAL REPORT AS OF 7/15/2026

PRODUCTION 42
(14) 425W PANELS SOLAR HONEYWAGON PULLED BY 198KWH BATTERY TRACTOR
BA02-6318-T8036 - G5079
DATA SHEET

7/15/2026 11:45 AM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27						
DATE	BATTERY START TIME	BATTERY SOC @ START	BATTERY END TIME	BATTERY SOC @ WRP	TOTAL BATT % USED	BATT AVG % PER HOUR	AVG KWH DRAW / HR	AVG AMP DRAW	METRIC TONS Co2 AVOIDED	GAL FUEL USED	GENNY HOUR READING	GENNY HOURS PER DAY	BATT HOURS PER DAY	TOTAL COMBINED HOURS	TOTAL KWH USED	KWH OF SOLAR PRODUCED	KWH SOLAR DEFI- CIENCY	SOLAR USGAGE EFFI- CIENCY	HOURS OF SOLAR RUN TIME	SOLAR PRODUCTION KWH MAX POTENTIAL	SUN LIGHT PER DAY	WEATHER CLOUD COVER	PRECIP- ITATION	H I G H	L O W	UNITS PLUGGED IN						
5/11	8:04 AM	100%	7:48 PM	86%	14%	1.19%	2.5	21.0	0.466	0	1732	0:00	11:44	11:44	29.60	4.40	25.20	14.86%	1:44	58.55	12:18	Mostly Cloudy	Rain	63	52	T8036						
5/12	8:04 AM	100%	7:21 PM	92%	8%	0.71%	3.2	26.6	0.448	0	1732	0:00	11:17	11:17	36.00	21.60	14.40	60.00%	6:46	58.71	12:20	Mostly Clear	None	67	45	T8036						
5/13	6:11 AM	100%	8:01 PM	59%	41%	2.96%	6.5	53.9	0.549	0	1732	0:00	13:50	13:50	89.50	15.70	73.80	17.54%	2:25	58.87	12:22	Mostly Cloudy	Rain	73	52	T8036, T61073						
5/14	6:19 AM	100%	9:55 PM	35%	65%	4.17%	8.2	68.4	0.619	0	1732	0:00	15:36	15:36	128.10	11.10	117.00	8.67%	1:21	59.02	12:24	Mostly Cloudy	Rain	64	53	T8036, T61073						
5/15	7:57 AM	100%	9:24 PM	38%	62%	4.61%	8.6	71.3	0.534	0	1732	0:00	13:27	13:27	115.00	3.40	111.60	2.96%	0:23	59.26	12:27	Partly Cloudy	Rain	67	49	T8036, T61073						
5/18	6:55 AM	100%	5:49 PM	53%	47%	4.31%	7.9	65.6	0.433	0	1732	0:00	10:54	10:54	85.80	1.20	84.60	1.40%	0:09	59.74	12:33	Partly Cloudy	None	90	70	T8036						
5/19	8:21 AM	100%	8:58 PM	10%	90%	7.13%	13.0	108.6	0.501	0	1732	0:00	12:37	12:37	164.40	2.40	162.00	1.46%	0:11	59.90	12:35	Mostly Clear	Rain	96	74	T8036						
5/20	8:30 AM	70%	6:20 PM	23%	47%	4.78%	9.5	79.1	0.390	0	1732	0:00	9:50	9:50	93.30	8.70	84.60	9.32%	0:55	59.98	12:36	Partly Cloudy	Rain	94	71	T8036						
5/21	11:37 AM	100%	11:46 PM	74%	26%	2.14%	3.9	32.2	0.482	0	1732	0:00	12:09	12:09	46.90	0.10	46.80	0.21%	0:01	60.13	12:38	Overcast	Rain	68	57	T8036						
5/22	12:52 PM	100%	9:41 PM	82%	18%	2.04%	3.7	31.1	0.350	0	1732	0:00	8:49	8:49	32.90	0.50	32.40	1.52%	0:08	60.29	12:40	Overcast	None	68	55	T8036						
5/26	6:28 AM	100%	7:26 PM	63%	37%	2.85%	5.8	48.3	0.515	0	1732	0:00	12:58	12:58	75.10	8.50	66.60	11.32%	1:28	60.77	12:46	Mostly Cloudy	None	79	59	T8036						
5/27	7:15 AM	100%	8:40 PM	60%	40%	2.98%	5.6	46.6	0.533	0	1732	0:00	13:25	13:25	75.10	3.10	72.00	4.13%	0:33	60.86	12:47	Overcast	None	79	66	T8036						
5/28	7:46 AM	100%	9:02 PM	65%	35%	2.64%	4.9	41.2	0.527	0	1732	0:00	13:16	13:16	65.60	2.60	63.00	3.96%	0:31	60.93	12:48	Partly Cloudy	None	78	65	T8036						
5/29	8:43 AM	100%	6:42 PM	59%	41%	4.11%	7.5	62.3	0.396	0	1732	0:00	9:59	9:59	74.60	0.80	73.80	1.07%	0:06	61.17	12:51	Mostly Cloudy	Rain	78	57	T8036, T3501						
6/1	9:30 AM	100%	6:15 PM	44%	56%	6.40%	12.5	103.9	0.347	0	1732	0:00	8:45	8:45	109.10	8.30	100.80	7.61%	0:39	61.41	12:54	Partly Cloudy	Rain	70	56	T8036, T61073						
6/2	5:04 AM	60%	7:40 PM	24%	36%	2.47%	5.2	43.3	0.580	0	1732	0:00	14:36	14:36	75.90	11.10	64.80	14.62%	2:08	71.00	14:55	Partly Cloudy	None	79	51	T8036						
6/3	6:10 AM	100%	8:00 PM	38%	62%	4.48%	9.1	75.6	0.549	0	1732	0:00	13:50	13:50	125.50	13.90	111.60	11.08%	1:31	61.48	12:55	Mostly Clear	None	85	61	T8036						
6/4	6:27 AM	100%	6:37 PM	62%	38%	3.12%	7.4	61.3	0.483	0	1732	0:00	12:10	12:10	89.50	21.10	68.40	23.58%	2:52	61.56	12:56	Mostly Clear	None	87	62	T8036						
6/5	6:49 AM	100%	8:05 PM	54%	46%	3.47%	7.8	64.8	0.527	0	1732	0:00	13:16	13:16	103.10	20.30	82.80	19.69%	2:36	61.72	12:58	Mostly Cloudy	None	93	65	T8036						
6/8	NOT USED																															
6/9	5:47 AM	100%	7:12 PM	45%	55%	4.12%	8.9	74.0	0.533	0	1732	0:00	13:25	13:25	119.14	19.60	99.54	16.45%	2:12	61.96	13:01	Clear	None	82	58	T8036						
6/10	NOT USED																															
6/11	6:49 AM	100%	6:55 PM	6%	94%	7.77%	15.1	125.7	0.480	0	1732	0:00	12:06	12:06	182.50	13.30	169.20	7.29%	0:52	62.04	13:02	Mostly Cloudy	Rain	96	73	T8036, T61073						
6/12	11:11 AM	100%	6:59 PM	32%	68%	8.72%	16.9	140.8	0.310	0	1732	0:00	7:48	7:48	131.80	9.40	122.40	7.13%	0:33	62.04	13:02	Mostly Cloudy	Rain	93	73	T8036, T61073						
6/15	NOT USED																															
6/16	7:06 AM	100%	8:32 PM	55%	45%	3.35%	6.9	57.4	0.533	0	1732	0:00	13:26	13:26	92.50	11.50	81.00	12.43%	1:40	62.20	13:04	Mostly Clear	None	76	54	T8036						
6/17	NOT USED																															
6/18	10:36 AM	100%	12:13 AM	18%	82%	6.02%	10.9	90.9	0.541	0	1732	0:00	13:37	13:37	148.60	1.00	147.60	0.67%	0:05	62.20	13:04	Partly Cloudy	None	82	68	T8036, T61073						
6/19	RETURNED																															
24 DAYS OF OPERATION					6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21												
					TOTALS																											
																TOTAL GENNY HOURS RAN	TOTAL BATT HOURS RAN	TOTAL COMBINED HOURS	TOTAL KWH USED	TOTAL KWH OF SOLAR PRODUCED	TOTAL KWH SOLAR DEFI- CIENCY	SOLAR USGAGE EFFI- CIENCY	TOTAL HOURS OF SOLAR RUN TIME	TOTAL SOLAR PRODUCTION KWH MAX POTENTIAL								
																11.63	0.00	0.00	0.00	292.50	292.50	2289.54	213.60	2075.94	9.33%	31:58	1465.78					
					AVERAGES																											
					BATT % PER DAY	BATT % PER HR	KWH PER DAY	AMP DRAW	DAILY METRIC TONS CO2 AVOIDED	GAL FUEL USED PER DAY						AVG GENNY HOURS PER DAY	AVG BATT HOURS PER DAY	TOTAL COMBINED AVG HRS PER DAY	KWH PER HOUR	AVG DAILY KWH OF SOLAR	AVG KWH SOLAR DEFI- CIENCY						AVG HOURS OF SOLAR RUN TIME	AVG SOLAR PRODUCTION KWH MAX POTENTIAL				
					48%	4%	7.97	66.41	0.87	0.00						0:00	12:12	12:12	95.40	8.90	86.50						1:19	61.07				

**GRAMERCY - FOCUS FEATURE
HADDADS HYBRID 296KWH BATTERY STAKE
BA08 - G5079 - 853
DATA SHEET**

7/15/2026 11:46 AM

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
																	WEATHER				
DATE	BATTERY START TIME	BATTERY SOC @ START	BATTERY END TIME	BATTERY SOC @ WRP	TOTAL BATT % USED	BATT AVG % PER HOUR	AVG KWH DRAW / HR	AVG AMP DRAW	METRIC TONS Co2 AVOIDED	GAL FUEL USED	GENNY HOUR READING	GENNY HOURS PER DAY	BATT HOURS PER DAY	TOTAL COMBINED HOURS	TOTAL KWH USED	SUN LIGHT PER DAY	CLOUD COVER	PRECIP- ITATION	H I G H	L O W	UNITS PLUGGED IN
5/11	6:22 AM	100%	7:08 PM	68%	32%	2.53%	6.7	56.1	0.507	0	1732	0:00	12:46	12:46	85.92	12:18	Mostly Cloudy	Rain	63	52	T61073, T42066
5/12	5:25 AM	100%	7:56 PM	52%	48%	3.32%	8.8	73.6	0.576	0	1732	0:00	14:31	14:31	128.21	12:20	Mostly Clear	None	67	45	T61073, T42066
5/13	7:15 AM	100%	7:56 PM	83%	17%	1.31%	3.5	29.0	0.503	0	1732	0:00	12:41	12:41	44.16	12:22	Mostly Cloudy	Rain	73	52	T42066
5/14	6:00 AM	100%	10:00 PM	81%	19%	1.19%	3.2	26.3	0.635	0	1732	0:00	16:00	16:00	50.54	12:24	Mostly Cloudy	Rain	64	53	T42066
5/15	7:39 AM	100%	9:20 PM	88%	12%	0.88%	2.3	19.4	0.543	0	1732	0:00	13:41	13:41	31.92	12:27	Partly Cloudy	Rain	67	49	T42066
5/18	5:52 AM	100%	6:37 PM	35%	65%	5.10%	13.6	113.0	0.506	0	1732	0:00	12:45	12:45	172.90	12:33	Partly Cloudy	None	90	70	T61073, T42066, T3501
5/19	8:01 AM	100%	10:31 PM	39%	61%	4.19%	11.1	92.8	0.576	0	1732	0:00	14:30	14:30	161.46	12:35	Mostly Clear	Rain	96	74	T42066
5/20	8:30 AM	100%	6:15 PM	62%	38%	3.86%	10.3	85.5	0.387	0	1732	0:00	9:45	9:45	100.02	12:36	Partly Cloudy	Rain	94	71	T3501, T42066
5/21	11:07 AM	100%	11:36 PM	61%	39%	3.12%	8.3	69.3	0.495	0	1732	0:00	12:29	12:29	103.74	12:38	Overcast	Rain	71	58	T61073, T42066, T3501
5/22	11:15 AM	100%	9:12 PM	77%	23%	2.31%	6.1	51.2	0.395	0	1732	0:00	9:57	9:57	61.18	12:40	Overcast	None	68	55	T3501, T42066
5/26	5:43 AM	100%	6:59 PM	53%	47%	3.57%	9.5	79.0	0.527	0	1732	0:00	13:16	13:16	125.82	12:46	Mostly Cloudy	None	79	59	T3501, T42066
5/27	6:44 AM	100%	8:14 PM	38%	62%	4.59%	12.2	101.8	0.536	0	1732	0:00	13:30	13:30	164.92	12:47	Overcast	None	79	66	
5/28	7:11 AM	100%	8:58 PM	32%	68%	4.93%	13.1	109.4	0.547	0	1732	0:00	13:47	13:47	180.88	12:48	Partly Cloudy	None	78	65	T61073, T42066
5/29	8:21 AM	100%	6:20 PM	73%	27%	2.70%	7.2	59.9	0.396	0	1732	0:00	9:59	9:59	71.82	12:51	Mostly Cloudy	Rain	78	57	T61073, T42066
6/1	9:12 AM	100%	6:10 PM	87%	13%	1.45%	3.9	32.1	0.356	0	1732	0:00	8:58	8:58	34.58	12:54	Partly Cloudy	Rain	70	56	T42066
6/2	5:00 AM	100%	8:00 PM	65%	35%	2.33%	6.2	51.7	0.595	0	1732	0:00	15:00	15:00	93.10	12:55	Partly Cloudy	None	79	51	T42066
6/3	5:52 AM	100%	7:52 PM	42%	58%	4.14%	11.0	91.8	0.556	0	1732	0:00	14:00	14:00	154.28	12:55	Mostly Clear	None	85	61	T61073, T42066
6/4	6:15 AM	100%	6:59 PM	43%	57%	4.48%	11.9	99.2	0.505	0	1732	0:00	12:44	12:44	151.62	12:56	Mostly Clear	None	87	62	T61073, T42066
6/5	6:44 AM	100%	7:56 PM	39%	61%	4.59%	12.2	101.8	0.524	0	1732	0:00	13:12	13:12	161.20	12:58	Mostly Cloudy	None	93	65	T61073, T42066
6/8	4:33 AM	100%	6:37 PM	36%	65%	4.59%	12.2	101.6	0.558	0	1732	0:00	14:04	14:04	171.57	13:00	Partly Cloudy	None	76	64	T61073, T42066, T8036
6/9	6:22 AM	100%	7:39 PM	86%	14%	1.05%	2.8	23.4	0.527	0	1732	0:00	13:17	13:17	37.24	13:01	Clear	None	82	58	T42066
6/10	5:26 AM	100%	8:14 PM	29%	71%	4.80%	12.8	106.5	0.587	0	1732	0:00	14:48	14:48	189.13	13:02	Overcast	Rain	85	69	T61073, T42066, T8036
6/11	6:36 AM	100%	9:51 PM	43%	57%	3.74%	9.9	82.9	0.605	0	1732	0:00	15:15	15:15	151.62	13:02	Mostly Cloudy	Rain	96	73	T42066, T3501
6/12	10:43 AM	100%	12:14 AM	41%	59%	4.36%	11.6	96.8	0.536	0	1732	0:00	13:31	13:31	156.94	13:02	Mostly Cloudy	Rain	93	73	T42066, T3501
6/15	5:53 AM	100%	7:56 PM	37%	63%	4.51%	12.0	100.0	0.558	0	1732	0:00	14:03	14:03	168.64	13:03	Mostly Clear	Rain	74	61	T61073, T42066, T8036
6/16	6:24 AM	100%	8:27 PM	69%	31%	2.21%	5.9	48.9	0.558	0	1732	0:00	14:03	14:03	82.46	13:04	Mostly Clear	None	76	54	T61073, T42066, T3501
6/17	6:28 AM	100%	10:13 PM	30%	70%	4.44%	11.8	98.5	0.625	0	1732	0:00	15:45	15:45	186.20	13:04	Mostly Cloudy	Rain	80	59	T61073, T42066, T8036
6/18	9:56 AM	100%	11:55 PM	47%	53%	3.80%	10.1	84.2	0.555	0	1732	0:00	13:59	13:59	141.25	13:04	Partly Cloudy	None	82	68	T42066
6/19	HOLIDAY																				
6/22	5:25 AM	55%	3:41 PM	25%	30%	2.91%	7.7	64.6	0.407	0	1732	0:00	10:16	10:16	79.53	13:04	Overcast	Rain	81	63	T61073, T42066
6/23	9:54 AM	92%	7:27 PM	46%	46%	4.79%	12.7	106.1	0.379	0	1732	0:00	9:33	9:33	121.56	13:04	Overcast	Rain	71	65	T61073, T42066
6/24	8:54 AM	100%	8:23 PM	46%	54%	4.70%	12.5	104.2	0.456	35	1741	9:00	11:29	20:29	143.64	13:05	Mostly Clear	None	81	62	T61073, T42066, T3501
31 DAYS OF OPERATION					6	7	8	9	10	11	12	13	14	15	17						
					TOTALS																
									METRIC TONS CO2 AVOIDED	GAL FUEL USED	GAL PER HR	TOTAL GENNY HOURS RAN	TOTAL BATT HOURS RAN	TOTAL COMBINED HOURS	TOTAL KWH USED						
									16.02	35.00	3.89	9:00	403:34	412:34	3708.04						
					AVERAGES																
					BATT % PER DAY	BATT % PER HR	KWH PER DAY	AMP DRAW	DAILY METRIC TONS CO2 AVOIDED	GAL FUEL USED PER DAY			AVG GENNY HOURS PER DAY	AVG BATT HOURS PER DAY	TOTAL COMBINED AVG HRS PER DAY	KWH PER HOUR					
					45%	3%	9.14	76.15	0.52	1.09			0:00	13:01	13:18	119.61					

T2952 PRODUCTION 42
(8) 425w SOLAR PANEL ON TWO ROOM W/ 36kWh BATTERY
DATA SHEET

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		20	21	22
DATE	START TIME	BATTERY SOC AT START	END TIME	BATTERY SOC AT WRAP	TOTAL BATTERY % USED	BATTERY AVG % PER HOUR	AVG KWH DRAW / HR	AVG AMP DRAW	METRIC TONS OF CO2 AVOIDED	BATTERY RUN TIME	TOTAL KWH USED	KWH OF SOLAR PRODUCED	KWH SOLAR DEFICIENCY	SOLAR USGAGE EFFICIENCY	HOURS OF SOLAR RUN TIME	SOLAR PRODUCTION KWH MAX POTENTIAL	ADJUSTED HOURS OF SUNLIGHT	WEATHER				
																		CLOUD COVER	PRECIPITATION	HIGH	LOW	
5/11	4:45 AM	100%	8:50 PM	61%	39%	2.4%	0.55	4.61	0.246	16:05	8.90	3.70	5.20	41.57%	6:41	33.46	12:18	Mostly Cloudy	Rain	63	52	
5/12	3:07 AM	100%	10:35 PM	90%	10%	0.5%	0.54	4.49	0.298	19:28	10.50	11.70	-1.20	111.43%	21:41	33.55	12:20	Mostly Clear	None	67	45	
5/13	6:05 AM	98%	9:40 PM	71%	27%	1.7%	0.74	6.15	0.239	15:35	11.50	8.30	3.20	72.17%	11:14	33.64	12:22	Mostly Cloudy	Rain	73	52	
5/14	4:47 AM	100%	11:14 PM	57%	43%	2.3%	0.70	5.83	0.282	18:27	12.90	6.60	6.30	51.16%	9:26	33.77	12:25	Mostly Cloudy	Rain	67	56	
5/15	5:48 AM	100%	11:33 PM	53%	47%	2.6%	0.63	5.26	0.272	17:45	11.20	2.90	8.30	25.89%	4:35	33.86	12:27	Partly Cloudy	None	68	49	
5/18	4:00 AM	100%	8:27 PM	30%	70%	4.3%	1.52	12.66	0.252	16:27	25.00	8.30	16.70	33.20%	5:27	34.14	12:33	Partly Cloudy	None	90	70	
5/19	7:55 AM	100%	10:00 PM	24%	76%	5.4%	1.75	14.56	0.216	14:05	24.60	3.10	21.50	12.60%	1:46	34.23	12:35	Mostly Clear	Rain	96	74	
5/20	7:30 AM	90%	1:45 AM	100%	-10%	-0.5%	1.92	16.03	0.279	18:15	35.10	4.70	30.40	13.39%	2:26	34.27	12:36	Partly Cloudy	Rain	94	71	
5/21		NOT USED														0.00						
5/22	10:07 AM	100%	11:10 PM	69%	31%	2.4%	0.57	4.73	0.200	13:03	7.40	1.80	5.60	24.32%	3:10	34.45	12:40	Overcast	None	68	55	
5/26	5:08 AM	96%	11:59 PM	63%	33%	1.7%	0.85	7.12	0.289	18:51	16.10	11.40	4.70	70.81%	13:20	34.73	12:46	Mostly Cloudy	None	79	59	
5/27	12:00 AM	62%	11:59 PM	22%	40%	1.7%	0.85	7.05	0.367	23:59	20.30	6.60	13.70	32.51%	7:47	34.77	12:47	Overcast	None	79	66	
5/28	12:00 AM	22%	9:33 PM	24%	-2%	-0.1%	0.33	2.75	0.330	21:33	7.10	9.10	-2.00	128.17%	27:37	34.82	12:48	Partly Cloudy	None	78	65	
5/29	7:00 AM	100%	7:23 PM	83%	17%	1%	1.07	8.95	0.190	12:23	13.30	10.50	2.80	78.95%	9:46	34.95	12:51	Mostly Cloudy	Rain	78	57	
6/1	6:00 AM	100%	11:59 PM	81%	19%	1%	0.67	5.56	0.275	17:59	12.00	10.50	1.50	87.50%	15:44	35.09	12:54	Partly Cloudy	Rain	70	56	
6/2	12:00 AM	81%	8:15 PM	85%	-4%	0%	0.41	3.46	0.310	20:15	8.40	12.10	-3.70	144.05%	29:10	40.57	14:55	Partly Cloudy	None	79	51	
6/3	4:15 AM	100%	8:00 PM	60%	40%	3%	0.63	5.29	0.241	15:45	10.00	1.30	8.70	13.00%	2:02	35.13	12:55	Mostly Clear	None	85	61	
6/4	5:19 AM	100%	8:20 PM	63%	37%	2%	0.60	4.99	0.230	15:01	9.00	2.10	6.90	23.33%	3:30	35.18	12:56	Mostly Clear	None	87	62	
6/5	5:15 AM	100%	8:35 PM	56%	44%	3%	0.69	5.76	0.235	15:20	10.60	2.10	8.50	19.81%	3:02	35.27	12:58	Mostly Cloudy	None	93	65	
6/8		NOT USED														0.00						
6/9	4:46 AM	100%	8:45 PM	88%	13%	1%	0.44	3.70	0.245	15:59	7.10	7.90	-0.80	111.27%	17:47	35.41	13:01	Clear	None	82	58	
6/10	4:46 AM	100%	8:45 PM	88%	13%	1%	0.59	4.90	0.245	15:59	9.40	2.80	6.60	29.79%	4:45	35.45	13:02	Overcast	Rain	85	69	
6/11	4:46 AM	100%	11:15 PM	41%	59%	3%	1.01	8.39	0.283	18:29	18.60	7.70	10.90	41.40%	7:39	35.45	13:02	Mostly Cloudy	Rain	96	73	
6/12	7:45 AM	100%	11:35 AM	32%	68%	18%	4.67	38.91	0.059	3:50	17.90	2.70	15.20	15.08%	0:34	35.45	13:02	Mostly Cloudy	Rain	93	73	
6/15	4:15 AM	100%	8:38 PM	87%	13%	1%	0.70	5.85	0.251	16:23	11.50	8.30	3.20	72.17%	11:49	35.50	13:03	Mostly Clear	Rain	74	61	
6/16	4:37 AM	100%	9:42 PM	87%	13%	1%	0.39	3.27	0.262	17:05	6.70	1.50	5.20	22.39%	3:49	35.54	13:04	Mostly Clear	None	76	54	
6/17	5:25 AM	100%	10:30 PM	75%	25%	1%	0.60	4.98	0.262	17:05	10.20	7.90	2.30	77.45%	13:13	35.54	13:04	Mostly Cloudy	Rain	80	59	
6/18	7:39 AM	100%	1:16 AM	67%	33%	2%	0.70	5.82	0.270	17:37	12.30	5.40	6.90	43.90%	7:44	35.54	13:04	Partly Cloudy	None	82	68	
6/19		HOLIDAY														0.00						
6/22	5:03 AM	100%	11:59 PM	72%	28%	1%	0.34	2.86	0.290	18:56	6.50	3.00	3.50	46.15%	8:44	35.54	13:04	Overcast	Rain	81	63	
6/23	12:00 AM	72%	6:51 AM	44%	28%	1%	0.27	2.24	0.105	30:51	8.30	4.80	3.50	57.83%	17:50	35.54	13:04	Overcast	Rain	71	65	
6/24	1:31 PM	52%	6:51 AM	35%	17%	1%	0.44	3.70	0.265	17:20	7.70	5.20	2.50	67.53%	11:42	35.59	13:05	Mostly Clear	None	81	62	
							8	9	10	11	12	13	14	15	16							
											TOTALS											
29 DAYS OF OPERATION							METRIC TONS OF CO2 AVOIDED	BATTERY RUN TIME	TOTAL KWH TRAILER USED	KWH OF SOLAR PRODUCED	KWH SOLAR DEFICIENCY	SOLAR USGAGE EFFICIENCY	HOURS OF SOLAR RUN TIME	TOTAL SOLAR PRODUCTION KWH MAX POTENTIAL								
							7.284	499:50	370.10	174.00	196.10	47.01%	284:13	1016.42								
											AVERAGES											
							AVG KWH DRAW / HR	AVG AMP DRAW	DAILY METRIC TONS CO2 AVOIDED	BATTERY RUN TIME	TOTAL KWH TRAILER USED	KWH OF SOLAR PRODUCED	KWH SOLAR DEFICIENCY			HOURS OF SOLAR RUN TIME	AVG SOLAR PRODUCTION KWH MAX POTENTIAL					
							0.87	7.24	0.251	17:14	12.76	6.00	6.76			9:48						

Northeast Corridor

Conditions	Days	Percent	Percipitation
Clear	0	0%	Snow: 0 / Rain: 0
Mostly Clear	11	24%	Snow: 0 / Rain: 6
Partly Cloudy	13	29%	Snow: 0 / Rain: 9
Mostly Cloudy	13	29%	Snow: 0 / Rain: 12
Overcast	8	18%	Snow: 0 / Rain: 8

HADDAD'S OKTA SUN STUDY

MAY 11 - JUNE 24, 2026 (44 DAYS)

Official Weather Sources:

1. <https://www.noaa.gov/>

Kearny, NJ

Conditions	Days	Percent	Percipitation
Clear	2	4%	Snow: 0 / Rain: 0
Mostly Clear	10	22%	Snow: 0 / Rain: 4
Partly Cloudy	12	27%	Snow: 0 / Rain: 5
Mostly Cloudy	10	22%	Snow: 0 / Rain: 0
Overcast	11	24%	Snow: 0 / Rain: 8

Atlanta

Conditions	Days	Percent	Percipitation
Clear	2	4%	Snow: 0 / Rain: 0
Mostly Clear	5	11%	Snow: 0 / Rain: 2
Partly Cloudy	9	20%	Snow: 0 / Rain: 5
Mostly Cloudy	10	22%	Snow: 0 / Rain: 8
Overcast	19	42%	Snow: 0 / Rain: 18

New York City

Conditions	Days	Percent	Percipitation
Clear	2	4%	Snow: 0 / Rain: 0
Mostly Clear	9	20%	Snow: 0 / Rain: 2
Partly Cloudy	13	29%	Snow: 0 / Rain: 6
Mostly Cloudy	9	20%	Snow: 0 / Rain: 6
Overcast	12	27%	Snow: 0 / Rain: 8

Toronto

Conditions	Days	Percent	Percipitation
Clear	1	2%	Snow: 0 / Rain: 0
Mostly Clear	9	20%	Snow: 0 / Rain: 4
Partly Cloudy	15	33%	Snow: 0 / Rain: 6
Mostly Cloudy	13	29%	Snow: 0 / Rain: 8
Overcast	7	16%	Snow: 0 / Rain: 6

Northeast Corridor

Conditions	Days	Percent	Precipitation
Clear	3	1%	Snow: 1 / Rain: 0
Mostly Clear	32	13%	Snow: 2 / Rain: 9
Partly Cloudy	67	28%	Snow: 13 / Rain: 22
Mostly Cloudy	64	26%	Snow: 13 / Rain: 33
Overcast	76	31%	Snow: 21 / Rain: 53

HADDAD'S OKTA SUN STUDY NOVEMBER 2025 - JUNE 2026 (242 DAYS)

Official Weather Sources:

1. <https://www.noaa.gov/>

Kearny, NJ

Conditions	Days	Percent	Precipitation
Clear	17	7%	Snow: 0 / Rain: 0
Mostly Clear	26	11%	Snow: 1 / Rain: 5
Partly Cloudy	71	29%	Snow: 3 / Rain: 14
Mostly Cloudy	50	21%	Snow: 9 / Rain: 18
Overcast	78	31%	Snow: 17 / Rain: 50

Atlanta

Conditions	Days	Percent	Precipitation
Clear	33	14%	Snow: 0 / Rain: 0
Mostly Clear	38	16%	Snow: 0 / Rain: 5
Partly Cloudy	59	24%	Snow: 1 / Rain: 13
Mostly Cloudy	41	17%	Snow: 0 / Rain: 21
Overcast	71	29%	Snow: 1 / Rain: 62

New York City

Conditions	Days	Percent	Precipitation
Clear	15	6%	Snow: 0 / Rain: 0
Mostly Clear	23	10%	Snow: 1 / Rain: 4
Partly Cloudy	63	26%	Snow: 6 / Rain: 16
Mostly Cloudy	60	25%	Snow: 5 / Rain: 18
Overcast	81	33%	Snow: 16 / Rain: 52

Toronto

Conditions	Days	Percent	Precipitation
Clear	6	2%	Snow: 0 / Rain: 0
Mostly Clear	20	8%	Snow: 0 / Rain: 4
Partly Cloudy	44	18%	Snow: 8 / Rain: 8
Mostly Cloudy	60	25%	Snow: 12 / Rain: 26
Overcast	112	46%	Snow: 67 / Rain: 38