

A member of Citizens Energy Group 2020 N. Meridian St. | Indianapolis, IN | 46202-1393 www.citizensgas.com

November 22, 2011

Brenda A. Howe Secretary of the Commission Indiana Utility Regulatory Commission 101 West Washington St., Suite 1500 E Indianapolis, IN 46204 RECEIVED

November 22, 2011

INDIANA UTILITY

REGULATORY COMMISSION

Re: Rider D – Normal Temperature Adjustment ("NTA") Thirty – Day Filing for Citizens Gas pursuant to 170 IAC 1-6-1 et seq.

Dear Ms. Howe:

This filing is made on behalf of the Board of Directors for Utilities of the Department of Public Utilities of the City of Indianapolis, d/b/a Citizens Gas in compliance with the Commission's Thirty-Day Administrative Filing Procedures and Guidelines set forth in 170 IAC 1-6-1 et seq. to request approval of a change to Rider D (Normal Temperature Adjustment). Commission approval of this Thirty-Day filing will permit Citizens Gas to adopt the revised Normal Heating Degree Days recently established by the National Oceanic and Atmospheric Administration (NOAA) for the 30-year period from 1981 – 2010. We also request approval to modify the Normal Degree Days (NDD) for the Non-Leap and Leap years, which are used in calculating the NTA. Notice of Citizens Gas' intention to make this filing was provided to the Office of the Utility Consumer Counselor on November 22, 2011.

Enclosed for your review and approval by the Commission, please find the following:

First Revised Page No. 504B First Revised Page No. 504C Exhibit A – Legal Notice Exhibit B – Heating Degree Days (Based on Data from 1981- 2010)

The NTA adjusts each End-Use Customer's Monthly billed amount to reverse the impact on margin recovery caused by non-normal temperatures during the billing period, as measured by actual heating degree day variations from normal heating degree days.

Citizens Gas affirms that a notice regarding the filing in the form attached hereto as Exhibit A was published on November 21, 2011 in the Indianapolis Star, a newspaper of general circulation in the Indianapolis metro area, where the largest number of Citizens Gas customers is located. Citizens Gas also affirms that this notice has been posted on the utility's website and in the utility's customer service lobby.



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This filing is an allowable request under 170 IAC 1-6-3 because it represents a change to rules and regulations of the utility related to updating the Normal Degree Days which are used in calculating the NTA.

Upon approval of the enclosed tariff sheet, please return one (1) file-marked and approved stamped copy of the tariff sheet to Jamie Burks for our files. Any questions concerning this submission should be directed to:

Brenda T. Royal Rate & Regulatory Analyst 2020 N. Meridian Street Indianapolis, In

Email: broyal@citizensenergygroup.com

Phone/Fax: 317-927-4302

Sincerely,

/s/ Brenda T. Royal

Brenda T. Royal Rate & Regulatory Analyst

**Enclosures** 

cc: Office of the Utility Consumer Counselor



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### **VERIFICATION**

I, Brenda T. Royal, Rate & Regulatory Analyst for Citizens Gas; affirm under penalties of perjury that the foregoing representations concerning the noticed attached as <u>Exhibit A</u> are true and correct to the best of my knowledge, information and belief. The attached notice was published in a newspaper of general circulation encompassing the highest number of the utility's customers affected by the enclosed filing. The attached notice was also published on the citizensgas.com website under the link Rates and Regulatory Notices.

/s/ Brenda T. Royal

By: Brenda T. Royal

Regulatory Affairs Analyst

Citizens Gas

Date: November 22, 2011

#### RIDER D

#### **NORMAL TEMPERATURE ADJUSTMENT**

The billed amount for each Rate No. D1, D2, D3 and D4 End-Use Customer shall be subject to a Normal Temperature Adjustment ("NTA") for each bill rendered during the billing Months of November through May inclusive.

The NTA adjusts each End-Use Customer's Monthly billed amount to reverse the impact on margin recovery caused by non-normal temperatures during the billing period, as measured by actual heating degree day variations from normal heating degree days.

#### NTA COMPUTATION:

The NTA for each Customer's Monthly billing shall be computed as follows:

NTA = NTA Therms x NTA Margin

#### **NTA THERMS:**

The NTA Therms usage for each customer to which the NTA Margin shall be applied is computed as follows:

NTA Therms = [Actual Therms – Base Load Therms] x [Normal Degree Days – Actual Degree Days]

Actual Degree Days

#### **NTA MARGIN:**

The NTA Margin for Rate Nos. D2, D3 and D4 shall be the margin (i.e., non-gas cost) component of the tail block Delivery Charge.

#### **BASE LOAD THERMS:**

Base Load Therms shall be the End-Use Customer's average daily therms usage for the previous summer Months (July and August) multiplied by the number of days in the current billing period.

For End-Use Customers whose Base Load Therms cannot be accurately determined (e.g., new End-Use Customers without two Months of summer usage history), estimated average daily therms shall be used.

#### NORMAL AND ACTUAL DEGREE DAYS:

Normal Degree Days for each End-Use Customer's billing period shall be as set forth in the tables on the following pages.

Actual Degree Days for each customer's billing period shall be taken from the actual heating degree days reported each day by the National Weather Service.

Normal Degree Days and Actual Degree Days are based on Heating Degree Days as reported for Indianapolis, Indiana.

### NORMAL DEGREE DAYS (NDD) NON-LEAP YEAR

Date	NDD												
Jul 1	0	Aug 22	0	Oct 13	10	Dec 4	30	Jan 25	37	Mar 18	22	May 9	6
Jul 2	0	Aug 23	0	Oct 14	10	Dec 5	30	Jan 26	37	Mar 19	22	May 10	6
Jul 3	0	Aug 24	0	Oct 15	10	Dec 6	31	Jan 27	37	Mar 20	21	May 11	5
Jul 4	0	Aug 25	0	Oct 16	10	Dec 7	31	Jan 28	37	Mar 21	21	May 12	5
Jul 5	0	Aug 26	0	Oct 17	11	Dec 8	31	Jan 29	37	Mar 22	21	May 13	5
Jul 6	0	Aug 27	0	Oct 18	11	Dec 9	32	Jan 30	36	Mar 23	20	May 14	5
Jul 7	0	Aug 28	0	Oct 19	11	Dec 10	32	Jan 31	36	Mar 24	20	May 15	5
Jul 8	0	Aug 29	0	Oct 20	12	Dec 11	32	Feb 1	36	Mar 25	19	May 16	4
Jul 9	0	Aug 30	0	Oct 21	12	Dec 12	33	Feb 2	36	Mar 26	19	May 17	4
Jul 10	0	Aug 31	0	Oct 22	12	Dec 13	33	Feb 3	36	Mar 27	19	May 18	4
Jul 11	0	Sep 1	0	Oct 23	12	Dec 14	33	Feb 4	36	Mar 28	18	May 19	4
Jul 12	0	Sep 2	0	Oct 24	13	Dec 15	34	Feb 5	35	Mar 29	18	May 20	4
Jul 13	0	Sep 3	0	Oct 25	13	Dec 16	34	Feb 6	35	Mar 30	18	May 21	4
Jul 14	1	Sep 4	0	Oct 26	13	Dec 17	34	Feb 7	35	Mar 31	17	May 22	3
Jul 15	1	Sep 5	1	Oct 27	14	Dec 18	34	Feb 8	35	Apr 1	17	May 23	3
Jul 16	0	Sep 6	1	Oct 28	14	Dec 19	35	Feb 9	35	Apr 2	17	May 24	3
Jul 17	0	Sep 7	1	Oct 29	14	Dec 20	35	Feb 10	34	Apr 3	16	May 25	3
Jul 18	0	Sep 8	1	Oct 30	15	Dec 21	35	Feb 11	34	Apr 4	16	May 26	3
Jul 19	0	Sep 9	1	Oct 31	15	Dec 22	35	Feb 12	34	Apr 5	16	May 27	3
Jul 20	0	Sep 10	1	Nov 1	15	Dec 23	35	Feb 13	34	Apr 6	15	May 28	2
Jul 21	0	Sep 11	1	Nov 2	16	Dec 24	36	Feb 14	33	Apr 7	15	May 29	2
Jul 22	0	Sep 12	1	Nov 3	16	Dec 25	36	Feb 15	33	Apr 8	15	May 30	2
Jul 23	0	Sep 13	1	Nov 4	16	Dec 26	36	Feb 16	33	Apr 9	14	May 31	2
Jul 24	0	Sep 14	2	Nov 5	17	Dec 27	36	Feb 17	32	Apr 10	14	Jun 1	2
Jul 25	0	Sep 15	2	Nov 6	17	Dec 28	36	Feb 18	32	Apr 11	14	Jun 2	2
Jul 26	0	Sep 16	2	Nov 7	18	Dec 29	36	Feb 19	32	Apr 12	13	Jun 3	1
Jul 27	0	Sep 17	2	Nov 8	18	Dec 30	36	Feb 20	32	Apr 13	13	Jun 4	1
Jul 28	0	Sep 18	2	Nov 9	18	Dec 31	36	Feb 21	31	Apr 14	13	Jun 5	1
Jul 29	0	Sep 19	3	Nov 10	19	Jan 1	37	Feb 22	31	Apr 15	12	Jun 6	1
Jul 30	0	Sep 20	3	Nov 11	19	Jan 2	37	Feb 23	31	Apr 16	12	Jun 7	1
Jul 31	0	Sep 21	3	Nov 12	20	Jan 3	37	Feb 24	30	Apr 17	12	Jun 8	1
Aug 1	0	Sep 22	3	Nov 13	20	Jan 4	37	Feb 25	30	Apr 18	12	Jun 9	1
Aug 2	0	Sep 23	4	Nov 14	20	Jan 5	37	Feb 26	29	Apr 19	11	Jun 10	1
Aug 3	0	Sep 24	4	Nov 15	21	Jan 6	37	Feb 27	29	Apr 20	11	Jun 11	1
Aug 4	0	Sep 25	4	Nov 16	21	Jan 7	37	Feb 28	29	Apr 21	11	Jun 12	0
Aug 5	0	Sep 26	5	Nov 17	22	Jan 8	37	Mar 1	28	Apr 22	10	Jun 13	0
Aug 6	0	Sep 27	5	Nov 18	22	Jan 9	37	Mar 2	28	Apr 23	10	Jun 14	0
Aug 7	0	Sep 28	5	Nov 19	23	Jan 10	37	Mar 3	28	Apr 24	10	Jun 15	0
Aug 8	0	Sep 29	6	Nov 20	23	Jan 11	37	Mar 4	27	Apr 25	9	Jun 16	0
Aug 9	0	Sep 30	6	Nov 21	24	Jan 12	37	Mar 5	27	Apr 26	9	Jun 17	0
Aug 10	0	Oct 1	6	Nov 22	24	Jan 13	37	Mar 6	27	Apr 27	9	Jun 18	0
Aug 11	0	Oct 2	7	Nov 23	25	Jan 14	37	Mar 7	26	Apr 28	8	Jun 19	0
Aug 12	0	Oct 3	7	Nov 24	25	Jan 15	37	Mar 8	26	Apr 29	8	Jun 20	0
Aug 13	0	Oct 4	7	Nov 25	26	Jan 16	37	Mar 9	25	Apr 30	8	Jun 21	0
Aug 14	0	Oct 5	7	Nov 26	26	Jan 17	37	Mar 10	25	May 1	8	Jun 22	0
Aug 15	0	Oct 6	8	Nov 27	27	Jan 18	37	Mar 11	25	May 2	7	Jun 23	0
Aug 16	0	Oct 7	8	Nov 28	27	Jan 19	37	Mar 12	24	May 3	7	Jun 24	0
Aug 17	0	Oct 8	8	Nov 29	28	Jan 20	37	Mar 13	24	May 4	7	Jun 25	0
Aug 18	0	Oct 9	9	Nov 30	28	Jan 21	37	Mar 14	23	May 5	7	Jun 26	0
Aug 19	0	Oct 10	9	Dec 1	28	Jan 22	37	Mar 15	23	May 6	6	Jun 27	0
Aug 20	0	Oct 11	9	Dec 2	29	Jan 23	37	Mar 16	23	May 7	6	Jun 28	0
Aug 21	0	Oct 12	9	Dec 3	29	Jan 24	37	Mar 17	22	May 8	6	Jun 29	0
												Jun 30	0

#### NORMAL DEGREE DAYS (NDD) LEAP YEAR

	LEAP YEAR												
Date	NDD	Date	NDD	Date	NDD	Date	NDD	Date	NDD	Date	NDD	Date	NDD
Jul 1	0	Aug 22	0	Oct 13	10	Dec 4	30	Jan 25	37	Mar 17	22	May 8	6
Jul 2	0	Aug 23	0	Oct 14	10	Dec 5	30	Jan 26	37	Mar 18	22	May 9	6
Jul 3	0	Aug 24	0	Oct 15	10	Dec 6	31	Jan 27	37	Mar 19	22	May 10	6
Jul 4	0	Aug 25	0	Oct 16	10	Dec 7	31	Jan 28	37	Mar 20	21	May 11	5
Jul 5	0	Aug 26	0	Oct 17	11	Dec 8	31	Jan 29	37	Mar 21	21	May 12	5
Jul 6	0	Aug 27	0	Oct 18	11	Dec 9	32	Jan 30	36	Mar 22	21	May 13	5
Jul 7	0	Aug 28	0	Oct 19	11	Dec 10	32	Jan 31	36	Mar 23	20	May 14	5
Jul 8	0	Aug 29	0	Oct 20	12	Dec 11	32	Feb 1	36	Mar 24	20	May 15	5
Jul 9	0	Aug 30	0	Oct 21	12	Dec 12	33	Feb 2	36	Mar 25	19	May 16	4
Jul 10	0	Aug 31	0	Oct 22	12	Dec 13	33	Feb 3	36	Mar 26	19	May 17	4
Jul 11	0	Sep 1	0	Oct 23	12	Dec 14	33	Feb 4	36	Mar 27	19	May 18	4
Jul 12	0	Sep 2	0	Oct 24	13	Dec 15	34	Feb 5	35	Mar 28	18	May 19	4
Jul 13	0	Sep 3	0	Oct 25	13	Dec 16	34	Feb 6	35	Mar 29	18	May 20	4
Jul 14	1	Sep 4	0	Oct 26	13	Dec 17	34	Feb 7	35	Mar 30	18	May 21	4
Jul 15	1	Sep 5	1	Oct 27	14	Dec 18	34	Feb 8	35	Mar 31	17	May 22	3
Jul 16	0	Sep 6	1	Oct 28	14	Dec 19	35	Feb 9	35	Apr 1	17	May 23	3
Jul 17	0	Sep 7	1	Oct 29	14	Dec 20	35	Feb 10	34	Apr 2	17	May 24	3
Jul 18	0	Sep 8	1	Oct 30	15	Dec 21	35	Feb 11	34	Apr 3	16	May 25	3
Jul 19	0	Sep 9	1	Oct 31	15	Dec 22	35	Feb 12	34	Apr 4	16	May 26	3
Jul 20	0	Sep 10	1	Nov 1	15	Dec 23	35	Feb 13	34	Apr 5	16	May 27	3
Jul 21	0	Sep 11	1	Nov 2	16	Dec 24	36	Feb 14	33	Apr 6	15	May 28	2
Jul 22	0	Sep 12	1	Nov 3	16	Dec 25	36	Feb 15	33	Apr 7	15	May 29	2
Jul 23	0	Sep 13	1	Nov 4	16	Dec 26	36	Feb 16	33	Apr 8	15	May 30	2
Jul 24	0	Sep 14	2	Nov 5	17	Dec 27	36	Feb 17	32	Apr 9	14	May 31	2
Jul 25	0	Sep 15	2	Nov 6	17	Dec 28	36	Feb 18	32	Apr 10	14	Jun 1	2
Jul 26	0	Sep 16	2	Nov 7	18	Dec 29	36	Feb 19	32	Apr 11	14	Jun 2	2
Jul 27	0	Sep 17	2	Nov 8	18	Dec 30	36	Feb 20	32	Apr 12	13	Jun 3	1
Jul 28	0	Sep 18	2	Nov 9	18	Dec 31	36	Feb 21	31	Apr 13	13	Jun 4	1
Jul 29	0	Sep 19	3	Nov 10	19	Jan 1	37	Feb 22	31	Apr 14	13	Jun 5	1
Jul 30	0	Sep 20	3	Nov 11	19	Jan 2	37	Feb 23	31	Apr 15	12	Jun 6	1
Jul 31	0	Sep 21	3	Nov 12	20	Jan 3	37	Feb 24	30	Apr 16	12	Jun 7	1
Aug 1	0	Sep 22	3	Nov 13	20	Jan 4	37	Feb 25	30	Apr 17	12	Jun 8	1
Aug 2	0	Sep 23	4	Nov 14	20	Jan 5	37	Feb 26	29	Apr 18	12	Jun 9	1
Aug 3	0	Sep 24	4	Nov 15	21	Jan 6	37	Feb 27	29	Apr 19	11	Jun 10	1
Aug 4	0	Sep 25	4	Nov 16	21	Jan 7	37	Feb 28	29	Apr 20	11	Jun 11	1
Aug 5	0	Sep 26	5	Nov 17	22	Jan 8	37	Feb 29	29	Apr 21	11	Jun 12	0
Aug 6	0	Sep 27	5	Nov 18	22	Jan 9	37	Mar 1	28	Apr 22	10	Jun 13	0
Aug 7	0	Sep 28	5	Nov 19	23	Jan 10	37	Mar 2	28	Apr 23	10	Jun 14	0
Aug 8	0	Sep 29	6	Nov 20	23	Jan 11	37 37	Mar 3	28	Apr 24	10	Jun 15	0
Aug 9	0	Sep 30	6	Nov 21	24	Jan 12	37 37	Mar 4	27	Apr 25	9	Jun 16	0
Aug 10	0	Oct 1	6	Nov 22	24	Jan 13	37	Mar 5	27	Apr 26	9	Jun 17	0
Aug 11	0	Oct 2	7	Nov 23	25	Jan 14	37 37	Mar 6	27	Apr 27	9	Jun 18	0
Aug 12	0	Oct 3	7	Nov 24	25	Jan 15	37	Mar 7	26	Apr 28	8	Jun 19	0
Aug 13	0	Oct 4	7	Nov 25	26	Jan 16	37 37	Mar 8	26	Apr 29	8	Jun 20	0
Aug 14	0	Oct 5	7	Nov 26	26	Jan 17	37 37	Mar 9	25	Apr 30	8	Jun 21	0
Aug 15	0	Oct 6	8	Nov 27	27	Jan 18	37 37	Mar 10	25	May 1	8	Jun 22	0
Aug 16	0	Oct 7	8	Nov 28	27	Jan 19	37	Mar 11	25	May 2	7	Jun 23	0
Aug 17	0	Oct 8	8	Nov 29	28	Jan 20	37 37	Mar 12	24	May 3	7	Jun 24	0
Aug 18	0	Oct 9	9	Nov 30	28	Jan 21	37	Mar 13	24	May 4	7	Jun 25	0
Aug 19	0	Oct 10	9	Dec 1	28	Jan 22		Mar 14	23	May 5	7	Jun 26	0
Aug 20	0	Oct 11	9	Dec 2	29	Jan 23	37 37	Mar 15	23	May 6	6	Jun 27	0
Aug 21	0	Oct 12	9	Dec 3	29	Jan 24	37	Mar 16	23	May 7	6	Jun 28	0
												Jun 29	0
												Jun 30	0

#### LEGAL NOTICE

PUBLIC NOTICE is hereby given that on November 22, 2011, the Board of Directors for Utilities (the Board) of the Department of Public Utilities of the City of Indianapolis d/b/a Citizens Gas (the "Utility") intends to file with the Indiana Utility Regulatory Commission ("Commission") a proposed change to Rider D - Normal Temperature Adjustment ("NTA"), which the Commission previously approved. The proposed NTA will be applicable to the Utility's customers served under Gas Rate Nos. D1, D2, D3, and D4. The NTA is used to adjust each End-Use Customer's Monthly billed amount to reverse the impact on margin recovery caused by non-normal temperatures during the billing period, as measured by actual heating degree day variations from normal heating degree days. Commission approval of the Thirty-Day filing will allow Citizens Gas to adopt the revised Normal Heating Degree Days recently established by the National Oceanic Atmospheric Administration (NOAA) for the 30-year period from 1981 – 2010. The Normal Degree Days for the Non-Leap and Leap years will be used in calculating the NTA.

This notice is provided to the public pursuant to 170 IAC 1-6-6. Contact information, to which an objection should be made, is as follows:

Secretary Indiana Utility Regulatory Commission PNC Center 101 West Washington Street Suite 1500 E

Indianapolis, Indiana 46204 Telephone: (317) 232-2701 Facsimile: (317) 232-6758

Date: November 21, 2011

Office of Utility Consumer Counselor

PNC Center

115 W. Washington St. Suite 1500 South

Indianapolis, Indiana 46204 Telephone: (317) 232-2494 Toll Free: (888) 441-2494 Facsimile: (317) 232-5923

# National Weather Service Weather Forecast Office Indianapolis, IN

**Print** 

NORMALS FOR INDIANAPOLIS
[BASED ON DATA FROM 1981-2010]

DAT	E	MAX <sup>†</sup> TEMP	MIN TEMP	AVERAGE TEMP	HEATING DEGREE	COOLING DEGREE	PRECIP	SNOW
Jan	01	36.0	21.0	28.0	37	0	0.10	0.3
Jan	02	36.0	21.0	28.0	37	0	0.10	0.2
Jan	03	36.0	21.0	28.0	37	0	0.10	0.3
Jan	04	36.0	21.0	28.0	37	0	0.10	0.3
Jan	05	35,0	21.0	28.0	37	0	0.10	0.3
Jan	06	35.0	21.0	28.0	37	. 0	0.09	0.2
Jan	07	35.0	21.0	28.0	37	0	0.09	0.3
Jan	80	35.0	21.0	28.0	37	0	0.10	0.3
Jan	09	35.0	21.0	28.0	37	0	0.09	0.2
Jan	10	35.0	20.0	28.0	37	0	0.09	0.3
Jan	11	35.0	20.0	28.0	37	0	0.08	0.2
Jan	12	35.0	20.0	28.0	37	0	0.09	0.3
Jan	13	35.0	20.0	28.0	37	0	0.09	0.3
Jan	14	35.0	20.0	28.0	37	0	0.08	0.2
Jan	15	35.0	20.0	28.0	37	0	0.08	0.3
Jan	16	35.0	20.0	28.0	37	0	0.08	0.3
Jan	17	35.0	20.0	28.0	37	0	0.09	0.3
Jan	18	35.0	20.0	28.0	37	0	0.08	0.3
Jan	19	35.0	20.0	28.0	37	0	0.08	0.3
Jan	20	36.0	20.0	28.0	37	0	0.08	0.3
Jan	21	36.0	20.0	28.0	37	0	0.08	0.2
Jan	22	36.0	20.0	28.0	37	0	0.07	0.3
Jan	23	36.0	20.0	28.0	37	0	0.08	0.3
Jan	24	36.0	20.0	28.0	37	0	0.08	0.3
Jan	25	36.0	20.0	28.0	37	0	0.08	0.3
Jan	26	36.0	20.0	28.0	37	0	0.08	0.3
Jan	27	36.0	21.0	28.0	37	0	0.08	0.2
Jan	28	36.0	21.0	28.0	37	0	0.08	0.3
Jan	29	36.0	21.0	29.0	37	0	0.08	0.3
Jan	30	36.0	21.0	29.0	36	0	0.08	0.3
Jan	31	37.0	21.0	29.0	36	0	0.08	0.3
	-,	35.6	20.5	28.1	1145	0	2.66	8.6

DAT	Ë	MAX TEMP	MIN TEMP	AVERAGE TEMP	HEATING DEGREE	COOLING DEGREE	PRECIP	SNOW FALL
Feb	01	37.0	21.0	29.0	36	0	0.08	0.3
Feb	0.2	37.0	21.0	29.0	36	0	0.09	0.3
Feb	03	37.0	21.0	29.0	36	0	0.08	0.2
Feb	04	37.0	21.0	29.0	36	0	0.08	0.3
Feb	05	37.0	22.0	30.0	35	0	0.09	0.3
Feb	06	38.0	22.0	30.0	35	0	0.07	0.2
Feb	07	38.0	22.0	30.0	35	0	0.08	0.3
Feb	80	38.0	22.0	30.0	35	0	0.08	0.3
Feb	09	38.0	22.0	30.0	35	0	0.08	0.2
Feb	10	39.0	23.0	31.0	34	0	0.09	0.3

Feb	11	39.0	23.0	31.0	34	0	0.08	0.2
Feb	12	39.0	23.0	31.0	34	0	0.08	0.3
Feb	13	39.0	23.0	31.0	34	0	0.08	0.2
Feb	14	40.0	24.0	32.0	33	0	0.09	0.3
Feb	15	40.0	24.0	32.0	33	0	0.08	0.2
Feb	16	40.0	24.0	32.0	33	0	0.08	0.2
Feb	17	41.0	24.0	33.0	32	0	0.08	0.3
Feb	18	41.0	25.0	33.0	32	0	0.08	0.2
Feb	19	41.0	25.0	33.0	32	0	0.08	0.2
Feb	20	42.0	25.0	34.0	32	0	0.08	0.2
Feb	21	42.0	26.0	34.0	31	0	0.08	0.2
Feb	22	43.0	26.0	34.0	31	0	0.08	0.2
Feb	23	43.0	26.0	35.0	31	0	0.08	0.2
Feb	24	43.0	26.0	35.0	30	0	0.08	0.2
Feb	25	44.0	27.0	35.0	30	0	0.09	0.2
Feb	26	44.0	27.0	36.0	29	0	0.09	0.2
Feb	27	45.0	27.0	36.0	29	0	0.09	0.1
Feb	28	45.0	28.0	36.0	29	0	0.09	0.2
Feb	29	45.0	28.0	37.0	29	0	0.09	0.1
~		40.2	23.9	32.1	922	0	2.32	6.5

# NORMALS FOR INDIANAPOLIS [BASED ON DATA FROM 1981-2010]

DAT	?E	MAX TEMP	MIN TEMP	AVERAGE TEMP	HEATING DEGREE	COOLING DEGREE	PRECIP	SNOW FALL
Mar	01	45.0	28.0	37.0	28	0	0.10	0.1
Mar		46.0	28.0	37.0	28	0	0.09	0.2
Mar	03	46.0	29.0	37.0	28	0	0.08	0.1
Mar	04	47.0	29.0	38.0	27	0	0.10	0.1
Mar	05	47.0	29.0	38.0	27	0	0.10	0.1
Mar		47.0	30.0	39.0	27	0	0.11	0.2
Mar	07	48.0	30.0	39.0	26	0	0.11	0.1
Mar	08	48.0	30.0	39.0	26	0	0.10	0.1
Mar		49.0	31.0	40.0	25	0	0.11	0.1
Mar	10	49.0	31.0	40.0	25	0	0.11	0.2
Mar	11	50.0	31.0	40.0	25	0	0.11	0.1
Mar	12	50.0	32.0	41.0	24	0	0.10	0.1
Mar	13	51.0	32.0	41.0	24	0	0.11	0.1
Mar	14	51.0	32.0	42.0	23	0	0.11	${f T}$
Mar	15	51.0	33.0	42.0	23	0	0.12	0.1
Mar	16	52.0	33.0	42.0	23	0	0.11	0.1
Mar	17	52.0	33.0	43.0	22	0	0.12	0.1
Mar	18	53.0	34.0	43.0	22	0	0.13	${f T}$
Mar	19	53.0	34.0	43.0	22	0	0.12	0.1
Mar	20	54.0	34.0	44.0	21	0	0.12	0.1
Mar	21	54.0	34.0	44.0	21	0	0.12	T
Mar	22	54.0	35.0	45.0	21	0	0.13	0.1
Mar	23	55.0	35.0	45.0	20	0	0.12	0.1
Mar	24	55.0	35.0	45.0	20	0	0.13	${f T}$
Mar	25	56.0	36.0	46.0	19	0	0.13	0.1
Mar	26	56.0	36.0	46.0	19	0 .	0.12	T
Mar	27	56.0	36.0	46.0	19	0	0.13	0.1
Mar	28	57.0	37.0	47.0	18	0	0.12	$\mathbf{T}$
Mar	29	57.0	37.0	47.0	18	0	0.13	T
Mar	30	58.0	37.0	47.0	18	1	0.13	0.1
Mar	31	58.0	38.0	48.0	17	1	0.13	T
		51.7	32.8	42.2	707	2	3.56	2.6

DAT	Œ	MAX TEMP	MIN TEMP	AVERAGE TEMP	HEATING DEGREE	COOLING DEGREE	PRECIP	SNOW FALL
Apr	01	58.0	38.0	48.0	1.7	0	0.13	T
Apr		59.0	38.0	48.0	17	0	0.12	0.1
Apr		59.0	39.0	49.0	16	0	0.11	${f T}$
	04	59.0	39.0	49.0	16	0	0.12	${f T}$
-	05	- 60.0	39.0	50.0	16	0	0.12	$\mathbf{T}$
Apr	06	60.0	40.0	50.0	15	0	0.12	T
Apr	07	61.0	40.0	50.0	15	0	0.12	T
Apr		61.0	40.0	51.0	15	0	0.13	T
Apr		61.0	41.0	51.0	14	0	0.13	$\mathbf{T}$
Apr	10	62.0	41.0	51.0	1.4	0	0.13	$\mathbf{T}$
Apr		62.0	41.0	52.0	1.4	0	0.12	$\mathtt{T}$
Apr		62.0	42.0	52.0	13	0	0.12	T
Apr		63.0	42.0	52.0	13	0	0.12	0.1
Apr		63.0	42.0	53.0	13	0	0.13	T
Apr		63.0	43.0	53.0	12	0	0.12	T
Apr		64.0	43.0	53.0	12	0	0.12	T
Apr		64.0	43.0	54.0	12	0	0.13	T
Apr		64.0	44.0	54.0	12	1	0.13	${f T}$
Apr		65.0	44.0	54.0	11	1	0.13	${f T}$
Apr		65.0	44.0	55.0	11	1	0.12	T
Apr		65.0	45.0	55.0	11	1	0.13	T
Apr		66.0	45.0	55.0	10	1	0.13	T
Apr		66.0	45.0	56.0	10	1	0.13	T
Apr		66.0	46.0	56.0	10	1	0.13	T
Apr		67.0	46.0	56.0	9	l	0.12	T
Apr		67.0	46.0	57.0	9	1	0.13	$\mathbf{T}$
Apr		67.0	47.0	57.0	9	1	0.13	${f T}$
Apr		68.0	47.0	57.0	8	1	0.14	T
Apr		68.0	47.0	58.0	8	1	0.14	T
Apr		68.0	48.0	58.0	8	1	0.14	T
		63.4	42.7	53.0	372	13	3.81	0.2

DATE	MAX TEMP	MIN TEMP	AVERAGE TEMP	HEATING DEGREE	COOLING DEGREE	PRECIP	SNOW FALL
May 01	68.0	48.0	58.0	8	1	0.16	T
May 02	69.0	48.0	58.0	7	1	0.15	0.0
May 03	69.0	49.0	59.0	7	1	0.16	0.0
May 04	69.0	49.0	59.0	7	1	0.16	0.0
May 05	70.0	49.0	59.0	7	1	0.16	0.0
May 06	70.0	49.0	60.0	6	1	0.16	0.0
May 07	70.0	50.0	60.0	6	1	0.16	0.0
May 08	70.0	50.0	60.0	6	1	0.16	0.0
May 09	71.0	50.0	61.0	6	1	0.16	0.0
May 10	71.0	51.0	61.0	6	1	0.16	0.0
May 11	71.0	51.0	61.0	5	2	0.17	0.0
May 12	72.0	51.0	61.0	5	2	0.17	0.0
May 13	72.0	52.0	62.0	5	2	0.18	0.0
May 14	72.0	52.0	62.0	5	2	0.17	0.0
May 15	72.0	52.0	62.0	5	2	0.16	0.0
May 16	73.0	53.0	63.0	ą	2	0.17	0.0
May 17	73.0	53.0	63.0	4	2	0.17	0.0
May 18	73.0	53.0	63.0	4	2	0.17	0.0
May 19	74.0	54.0	64.0	4	2	0.17	0.0
May 20	74.0	54.0	64.0	4	3	0.16	0.0
May 21	74.0	54.0	64.0	4	3	0.18	0.0
May 22	75.0	55.0	65.0	3	3	0.16	0.0
May 23	75.0	55.0	65.0	3	3	0.16	0.0
May 24	75.0	55.0	65.0	3	3	0.17	0.0
May 25	76.0	56.0	66.0	3	3	0.16	0.0

May May May May May	27 28 29 30	76.0 76.0 76.0 77.0 77.0	56.0 56.0 57.0 57.0	66.0 66.0 67.0 67.0	3 2 2 2	3 4 4 4	0.16 0.15 0.16 0.16 0.15	0.0 0.0 0.0 0.0
May		77.0	58.0	67.0	2	4	0.16	0.0
		72.8	52.6	62.7	140	69	5.05	T

### NORMALS FOR INDIANAPOLIS [BASED ON DATA FROM 1981-2010]

DAT	ΓE	MAX TEMP	MIN TEMP	AVERAGE TEMP		COOLING DEGREE	PRECIP	SNOW FALL
Jun	01	78.0	58.0	68.0	2	5	0.14	0.0
Jun	02	78.0	58.0	68.0	2	5	0.15	0.0
Jun	03	78.0	59.0	68.0	1 .	5	0.14	0.0
Jun	04	79.0	59.0	69.0	1	5	0.14	0.0
Jun	05	79.0	59.0	° 69.0	1	5	0.15	0.0
Jun	06	79.0		69.0		5	0.15	0.0
Jun	07			70.0	1	6	0.14	0.0
Jun	08		60.0		1	. 6	0.15	
Jun	09	80.0	60.0	70.0	1	6	0.14	
Jun	10	81.0	61.0	71.0	1	6	0.14	0.0
Jun	11	81.0	61.0	71.0	1	7	0.14	0.0
Jun	12		61.0	71.0	. 0	7	0.13	0.0
Jun	13	82.0	62.0	72.0	0	7	0.14	0.0
Jun	14	82.0	62.0	72.0	0	7	0.14	0.0
Jun	15	82.0	62,0	72.0	0	8	0.13	0.0
Jun	16	82.0	63.0	72.0	0	8	0.14	0.0
Jun	17	83.0	63.0	73.0	0	8	0.14	0.0
Jun	18		63.0	73.0	0	8	0.14	0.0
Jun	19	83.0	63.0	73.0	0	8	0.14	0.0
Jun	20	83.0	64.0	73.0	0	9	0.14	0.0
Jun	21	84.0	64.0	74.0	0	9	0.14	0.0
Jun		84.0	64.0	74.0	0	9	0.15	0.0
Jun	23			74.0	0	9	0.14	0.0
Jun	24			74.0	0	9	0.15	0.0
Jun	25	84.0	65.0	75.0	0	10	0.15	0.0
Jun	26	85.0	65.0	75.0	0	10	0.14	0.0
Jun	27	85.0	65.0	75.0	0	10	0.14	0.0
Jun	28	85.0	65.0	75.0	0	10	0.15	0.0
Jun	29	85.0	65.0	75.0	0	10	0.14	0.0
Jun	30	85.0	65.0	75.0	0	10	0.14	0.0
w		81.9	62.1	72.0	16	226	4.25	0.0

DAT	Œ	MAX TEMP	MIN TEMP	AVERAGE TEMP	HEATING DEGREE	COOLING DEGREE	PRECIP	SNOW FALL
Jul	01	85.0	66.0	75.0	0	10	0.16	0.0
Jul	02	85.0	66.0	75.0	0	10	0.16	0.0
Jul	03	85.0	66.0	75.0	0	10	0.15	0.0
Jul	04	85.0	66.0	76.0	0	11	0.15	0.0
Jul	05	85.0	66.0	76.0	0	11	0.16	0.0
Jul	06	85.0	66.0	76.0	0	11	0.15	0.0
Jul	07	85.0	66.0	76.0	0	11	0.16	0.0
Jul	08	85.0	66.0	76.0	0	11	0.16	0.0
Jul	09	85.0	66.0	76.0	0	11	0.16	0.0
Jul	10	85.0	66.0	76.0	0	11	0.16	0.0
Jul	11	85.0	66.0	76.0	0	11	0.16	0.0

Jul	12	85.0	66.0	76.0	0	11	0.16	0.0
Jul	13	85.0	66.0	76.0	0	11	0.17	0.0
Jul	14	85.0	66.0	76.0	1	11	0.16	0.0
Jul	15	85.0	66.0	76.0	1	11	0.17	0.0
Jul	16	85.0	66.0	76.0	0	11	0.15	0.0
Jul	17	85.0	66.0	75.0	0	11	0.15	0.0
Jul		85.0	66.0	75.0	0	11	0.15	0.0
Jul		85.0	66.0	75.0	0	10	0.14	0.0
Jul		85.0	66.0	75.0	0	10	0.13	0.0
Jul		85.0	66.0	75.0	0	10	0.14	0.0
Jul		85.0	66.0	75.0	0	10	0.14	0.0
Jul		85.0	66.0	75.0	0	10	0.14	0.0
Jul		85.0	66.0	75.0	0	10	0.14	0.0
Jul		85.0	66.0	75.0	0	10	0.13	0.0
Jul		85.0	66.0	75.0	. 0	10	0.13	0.0
Jul	27	85.0	66.0	75.0	0	10	0.12	0.0
Jul	28	85.0	66.0	75.0	0	10	0.12	0.0
Jul	29	85.0	66.0	75.0	0	10	0.13	0.0
Jul		84.0	66.0	75.0	0	10	0.13	0.0
Jul		84.0	66.0	75.0	0	10	0.12	0.0
		85.0	65.8	75.4	1	323	4.55	0.0

# NORMALS FOR INDIANAPOLIS [BASED ON DATA FROM 1981-2010]

DATE	3	MAX TEMP	MIN TEMP	AVERAGE TEMP	HEATING DEGREE	COOLING DEGREE	PRECIP	SNOW FALL
Aug (	01	84.0	65.0	75.0	0	10	0.11	0.0
Aug (		84.0	65.0	75.0	0	10	0.11	0.0
Aug (		84.0	65.0	75.0	0	10	0.11	0.0
Aug (		84.0	65.0	75.0	0	10	0.10	0.0
Aug (	05	84.0	65.0	75.0	0	10	0.10	0.0
Aug (		84.0	65.0	75.0	0	1'0	0.11	0.0
Aug (	07	84.0	65.0	75.0	0	10	0.10	0.0
Aug (	28	84.0	65.0	75.0	0	10	0.09	0.0
Aug (	09	84.0	65.0	75.0	0	10	0.10	0.0
	10	84.0	65.0	75.0	0	10	0.10	0.0
Aug 1		84.0	65.0	75.0	0	10	0.09	0.0
Aug 1	12	84.0	65.0	75.0	0	10	0.10	0.0
Aug I	13	84.0	65.0	75.0	0	10	0.09	0.0
Aug 1	14	84.0	65.0	75.0	0	10	0.09	0.0
Aug 1	15	84.0	65.0	75.0	0	10	0.10	0.0
Aug l	1,6	84.0	65.0	75.0	0	10	0.10	0.0
Aug 1	17	84.0	65.0	74.0	0	9	0.11	0.0
Aug 1	18	84.0	65.0	74.0	0	9	0.11	0.0
Aug 1	19	84.0	64.0	74.0	0	9	0.10	0.0
	20	84.0	64.0	74.0	0	9	0.11	0.0
Aug 2	21	84.0	64.0	74.0	0	9	0.10	0.0
_	22	84.0	64.0	74.0	0	9	0.10	0.0
	23	84.0	64.0	74.0	0	9	0.10	.0.0
Aug 2		84.0	64.0	74.0	0	9	0.09	0.0
Aug 2		84.0	64.0	74.0	0	9	0.10	0.0
***	26	84.0	63.0	74.0	0	9	0.11	0.0
Aug 2		84.0	63.0	73.0	0	8	0.10	0.0
Aug 2		83.0	63.0	73.0	0	8	0.10	0.0
Aug 2		83.0	63.0	73.0	0	8	0.10	0.0
Aug 3	30	83.0	63.0	73.0	0	8	0.10	0.0
Aug 3	31	83.0	62.0	73.0	0		0.10	0.0
		84.0	64.4	74.2	3	288	3.13	0.0

DA!	ΓE	MAX TEMP	MIN TEMP	AVERAGE TEMP	HEATING DEGREE	COOLING DEGREE	PRECIP	SNOW FALL
Sep	01	83.0	62.0	72.0	0	8	0.10	0.0
Sep	02	82.0	62.0	72.0	0	7	0.10	0.0
Sep	03	82.0	61.0	72.0	0	7	0.10	0.0
Sep	04	82.0	61.0	71.0	0	7	0.09	0.0
Sep	05	82.0	61.0	71.0	1	7	0.10	0.0
Sep	06	81.0	60.0	71.0	1	6	0.10	0.0
Sep	07	81.0	60.0	71.0	1	6	0.11	0.0
Sep	08	81.0	60.0	70.0	1	6	0.10	0.0
Sep	09	80.0	59.0	70.0	1	6	0.10	0.0
Sep	10	80.0	59.0	69.0	1	5	0.11	0.0
Sep		80.0	58.0	69.0	1	5	0.11	0.0
Sep	12	79.0	58.0	69.0	1	5	0.11	0.0
Sep	13	79.0	58.0	68.0	1	5	0.11	0.0
Sep	14	79.0	57.0	68.0	2	4	0.11	0.0
Sep	15	78.0	57.0	67.0	2	4	0.11	0.0
Sep	16	78.0	56.0	67.0	2	4	0.09	0.0
Sep	17	77.0	56.0	67.0	2	4	0.10	0.0
Sep		77.0	55.0	66.0	2	4	0.09	0.0
Sep		76.0	55.0	66.0	3	3	0.11	0.0
Sep	20	76.0	54.0	65.0	3	3	0.10	0.0
Sep	21	76.0	54.0	65.0	3	3	0.11	0.0
Sep	22	75.0	53.0	64.0	3	3	0.11	0.0
Sep	23	75.0	53.0	64.0	4	3	0.11	0.0
Sep		74.0	53.0	63.0	4	2	0.10	0.0
Sep	25	74.0	52.0	63.0	4	2	0.11	0.0
Sep	26	73.0	52.0	62.0	5	2	0.10	0.0
Sep	27	73.0	51.0	62.0	5	2	0.11	0.0
Sep	28	72.0	51.0	62.0	5	2	0.11	0.0
Sep	29	72.0	50.0	61.0	6	2	0.10	0.0
Sep	30	72.0	50.0	61.0	6	2	0.11	0.0
		77.6	56.2	66.9	71	128	3.12	0.0

DA!	re	MAX TEMP	MIN TEMP	AVERAGE TEMP	HEATING DEGREE	COOLING DEGREE	PRECIP	SNOW FALL
Oct	01	71.0	50.0	60.0	6	2	0.10	0.0
Oct	02	71.0	49.0	60.0	7	1	0.11	0.0
Oct	03	70.0	49.0	60.0	7	1	0.11	0.0
Oct	04	70.0	48.0	59.0	7	1	0.11	0.0
Oct	05	69.0	48.0	59.0	7	1	0.10	0.0
Oct	06	69.0	48.0	58.0	8	1	0.11	0.0
Oct	07	69.0	47.0	58.0	8	1	0.10	0.0
Oct	08	68.0	47.0	58.0	8	1	0.10	0.0
Oct	09	68.0	47.0	57.0	9	1	0.11	0.1
Oct	10	67.0	46.0	57.0	9	1	0.10	T
Oct	11	67.0	46.0	57.0	9	1	0.10	T
Oct	12	67.0	46.0	56.0	9	1	0.10	T
Oct	13	66.0	45.0	56.0	10	0	0.10	T
Oct	14	66.0	45.0	56.0	10	0	0.10	T
Oct	15	66.0	45.0	55.0	10	0	0.10	T
Oct	16	65.0	45.0	55.0	10	0	0.10	T
Oct	17	65.0	44.0	55.0	11	0	0.10	0.1
Oct	18	65.0	44.0	54.0	11	0	0.10	T
Oct	19	64.0	44.0	54.0	11	0	0.10	T
Oct	20	64.0	44.0	54.0	12	0	0.10	$\mathbf{T}$
Oct	21	64.0	43.0	53.0	12	0	0.09	$\mathbf{T}$
Oct	22	63.0	43.0	53.0	12	0	0.10	T
Oct	23	63.0	43.0	53.0	12	0	0.09	T
Oct	24	62.0	42.0	52.0	13	0	0.09	0.1

Oct Oct		62.0 62.0	42.0 42.0	52.0 52.0	13 13	0	0.09	T
Oct		61.0	42.0	52.0	14	0	0.10	Ţ
Oct	28	61.0	41.0	51.0	14	0	0.10	T
Oct	29	61.0	41.0	51.0	14	. 0 ,	0.10	0.1
Oct	30	60.0	41.0	51.0	15	0	0.11	T
0ct	31	60.0	41.0	50.0	15	0	0.10	T
		65.3	44.7	55.0	326	1.6	3.12	0.4

### NORMALS FOR INDIANAPOLIS [BASED ON DATA FROM 1981-2010]

DA!	ΓE	MAX TEMP	MIN TEMP	AVERAGE TEMP	HEATING DEGREE	COOLING DEGREE	PRECIP	SNOW FALL
Nov	01	59.0	40.0	50.0	15	0	0,12	T
Nov	02	59.0	40.0	49.0	16	0	0.11	T
Nov	03	59.0	40.0	49.0	16	0	0.12	T
Nov	04	58.0	39.0	49.0	16	0	0.11	0.1
Nov	05	58.0	39.0	48.0	17	0	0.12	T
Nov	06	57.0	39.0	48.0	17	0	0.12	T
Nov	07	57.0	38.0	48.0	18	0	0.11	Ţ
Nov	08	56.0	38.0	47.0	18	0	0.12	T
Nov	09	.56.0	38.0	47.0	18	0	0.11	T
Nov	10	55.0	37.0	46.0	19	0	0.11	${f T}$
Nov	11	55.0	37.0	46.0	19	0	0.12	T
Nov	12	54.0	37.0	45.0	20	0	0.12	0.1
Nov	13	54.0	36.0	45.0	20	0	0.13	T
Nov	14	53.0	36.0	45.0	20	0	0.14	T
Nov	15	53.0	36.0	44.0	21	0	0.13	T
Nov	16	52.0	35.0	44.0	21	0	0.13	T
Nov	17	52.0	35.0	43.0	22	0	0.13	T
Nov	18	51.0	34.0	43.0	22	. 0	0.14	0.1
Nov	19	51.0		42.0	23	0	0.13	T
Nov	20	50.0	33.0	42.0	23	0	0.13	$\mathbf{T}$
Nov	21	49.0	33.0	41.0	24	0	0.14	T
Nov	22	49.0	33.0	41.0	24	0	0.13	T
Nov	23	48.0	32.0	40.0	25	0	0.13	0.1
Nov	24	48.0	32.0	40.0	25	0	0.13	T
Nov	25	47.0	31.0	39.0	26	0	0.12	0.1
Nov	26	47.0	31.0	39.0	26	0	0.12	${f T}$
Nov	27	46.0	31.0	38.0	27	0	0.12	T
Nov	28	46.0	30.0	38.0	27	0	0.12	0.1
Nov	29	45.0	30.0	38.0	28	0	0.12	T
Nov	30	45.0	29.0	37.0	28	0	0.12	0.1
		52.2	35.1	43.6	641	1	3.70	0.7

DATE	MAX TEMP	MIN TEMP	AVERAGE TEMP	HEATING DEGREE	COOLING DEGREE	PRECIP	SNOW FALL
Dec 01	44.0	29.0	37.0	28	0	0.10	0.1
Dec 02	44.0	29.0	36.Ò	29	0	0.11	0.1
Dec 03	43.0	28.0	36.0	29	0	0.10	0.1
Dec 04	43.0	28.0	35.0	30	0	0.10	0.2
Dec 05	42.0	27.0	35.0	30	0	0.11	0.1
Dec 06	42.0	27.0	34.0	31	0	0.10	0.2
Dec 07	41.0	27.0	34.0	31	0	0.10	0.2
Dec 08	41.0	26.0	34.0	31	0	0.11	0.1
Dec 09	41.0	26.0	33.0	32	0	0.11	0.2
Dec 10	40.0	26.0	33.0	32	0	0.10	0.2

Dec	11	40.0	25.0	33.0	32	0	0.10	0.2
Dec	12	40.0	25.0	32.0	33	0	0.10	0.2
Dec	13	39.0	25.0	32.0	33	0	0.10	0.3
Dec	14	39.0	25.0	32.0	33	0	0.09	0.2
Dec	15	39.0	24.0	31.0	34	0	0.10	0.3
Dec	16	38.0	24.0	31.0	34	0	0.10	0.2
Dec	17	38.0	24.0	31.0	34	0	0.10	0.2
Dec	18	38.0	24.0	31.0	34	0	0.09	0.3
Dec	19	38.0	23.0	30.0	35	0	0.10	0.3
Dec	20	37.0	23.0	30.0	35	0	0.10	0.2
Dec	21	37.0	23.0	30.0	35	0	0.11	0.3
Dec	22	37.0	23.0	30.0	35	0	0.11	0.2
Dec	23	37.0	23.0	30.0	35	0	0.11	0.3
Dec	24	37.0	22.0	30.0	36	0	0.10	0.2
Dec	25	36.0	22.0	29.0	36	0	0.11	0.3
Dec	26	36.0	22.0	29.0	36	0	0.11	0.3
Dec	27	36.0	22.0	29.0	36	0	0.10	0.3
Dec	28	36.0	22.0	29.0	36	0	0.10	0.3
Dec	29	36.0	22.0	29.0	36	0	0.10	0.2
Dec	30	36.0	21.0	29.0	36	0	0.10	0.3
Dec	31	36.0	21.0	29.0	36	0	0.10	0.3
No 144 144 44		38.9	24.4	31.6	1034	0	3.17	6.9

National Weather Service Indianapolis, IN Weather Forecast Office 6900 West Hanna Avenue Indianapolis, IN 46241-9526 317-856-0360

Page Author: IND Webmaster

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