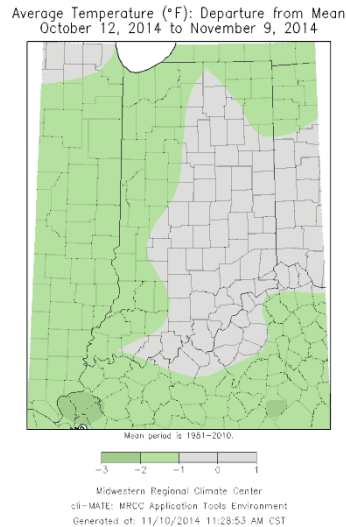
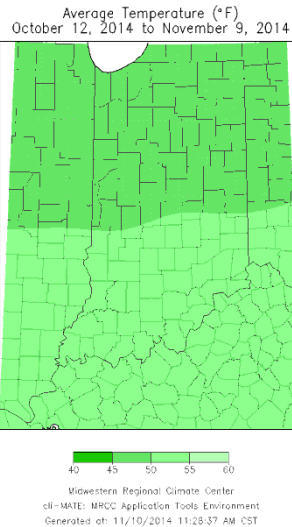
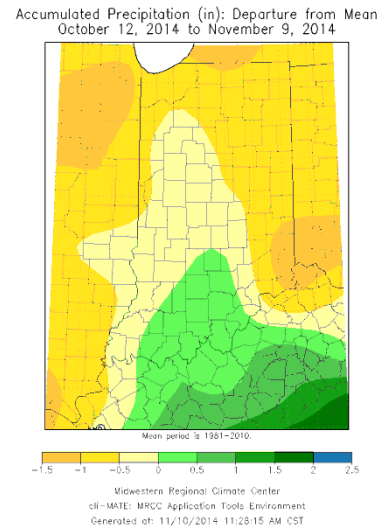
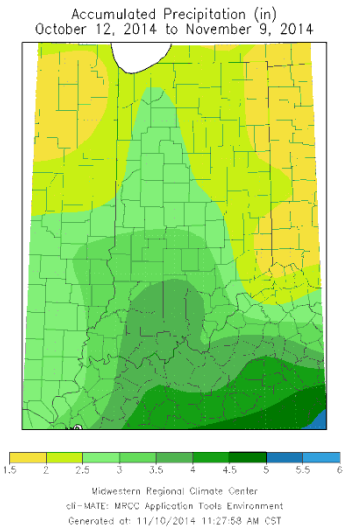
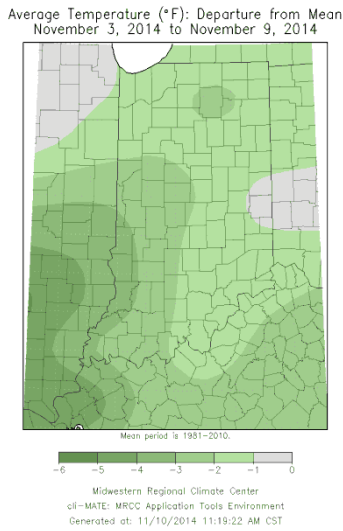
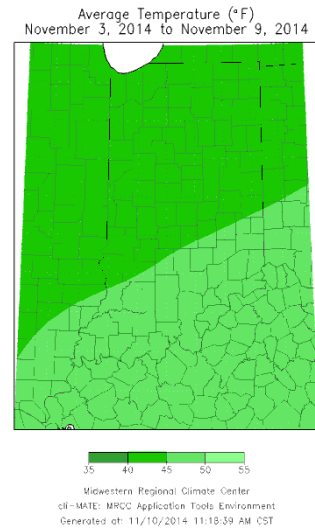
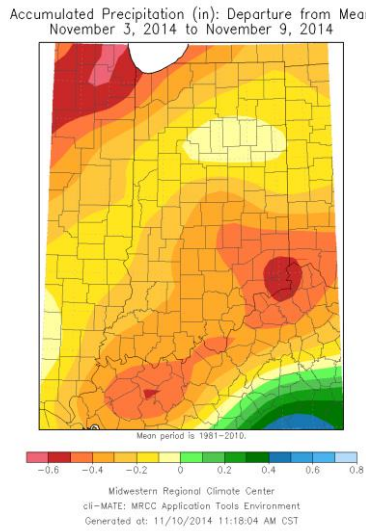
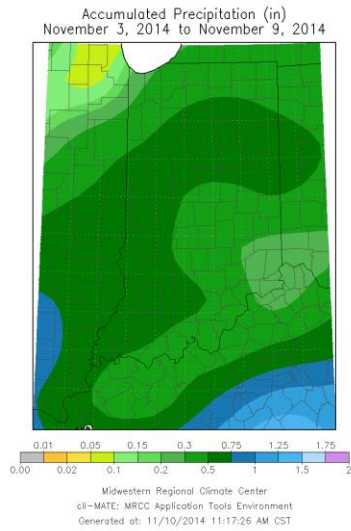


Indiana State Climate Office Weekly Weather Summary and Outlook

Weather Summary (Sun. October 26, 2014 – Sun. November 09, 2014)

Prepared by: Olivia Kellner, okellner@purdue.edu and Matt Price, pricemr@purdue.edu

7 and 30 day maps, mean temperature and observed precipitation:



Preliminary climate summaries (CF6ORD) for select locations

Preliminary Climate Data for Sunday October 26, 2014 - Sunday November 09, 2014

Indianapolis							Shelbyville							Terre Haute						
Day	T _{max}	T _{min}	T _{Ave}	HDD	CDD	Precip.	Day	T _{max}	T _{min}	T _{Ave}	HDD	CDD	Precip.	Day	T _{max}	T _{min}	T _{Ave}	HDD	CDD	Precip.
26	68	42	55	10	0	0.00	26	70	38	54	11	0	0.00	26	70	39	55	10	0	0.00
27	80	51	66	0	1	0.00	27	84	48	66	0	1	T	27	79	52	66	0	1	T
28	70	46	58	7	0	0.31	28	73	51	62	3	0	0.39	28	69	50	60	5	0	0.68
29	54	39	47	18	0	0.00	29	57	42	50	15	0	0.00	29	53	37	45	20	0	0.00
30	53	34	44	21	0	T	30	55	33	44	21	0	T	30	54	31	43	22	0	0.03
31	47	33	40	25	0	0.20	31	48	35	42	23	0	0.20	31	47	35	41	24	0	0.03
1	43	29	36	29	0	0.00	1	45	29	37	28	0	T	1	46	28	37	28	0	0.00
2	50	24	37	28	0	0.00	2	51	22	37	28	0	0.00	2	51	21	36	29	0	0.00
3	66	42	54	11	0	0.00	3	67	42	55	10	0	0.00	3	65	43	54	11	0	0.00
4	57	44	51	14	0	0.30	4	59	48	54	11	0	0.28	4	55	45	50	15	0	0.40
5	54	40	47	18	0	0.00	5	55	38	47	18	0	0.00	5	55	38	47	18	0	0.00
6	47	39	43	22	0	0.09	6	50	42	46	19	0	0.18	6	47	40	44	21	0	0.03
7	46	33	40	25	0	0.00	7	47	36	42	23	0	T	7	47	29	38	27	0	0.00
8	48	36	42	23	0	T	8	52	38	45	20	0	0.00	8	48	35	42	23	0	0.00
9	51	29	40	25	0	0.00	9	54	30	42	23	0	0.00	9	53	28	41	24	0	0.00
2 Week Accumulation						0.90							1.05							1.17
South Bend							Ft. Wayne							Muncie						
Day	T _{max}	T _{min}	T _{Ave}	HDD	CDD	Precip.	Day	T _{max}	T _{min}	T _{Ave}	HDD	CDD	Precip.	Day	T _{max}	T _{min}	T _{Ave}	HDD	CDD	Precip.
26	62	38	50	15	0	0.00	26	65	38	52	13	0	0.00	26	67	39	53	12	0	0.00
27	76	48	62	3	0	T	27	76	42	59	6	0	0.01	27	80	44	62	3	0	T
28	70	44	57	8	0	0.26	28	67	46	57	8	0	0.16	28	70	50	60	5	0	0.23
29	47	42	45	20	0	T	29	48	39	44	21	0	0.00	29	50	43	47	18	0	0.00
30	53	44	49	16	0	0.00	30	50	43	47	18	0	0.00	30	52	41	47	18	0	0.00
31	46	33	40	25	0	0.42	31	44	34	39	26	0	0.13	31	46	34	40	25	0	0.21
1	43	25	34	31	0	0.00	1	43	25	34	31	0	T	1	43	27	35	30	0	0.00
2	51	23	37	28	0	0.00	2	50	21	36	29	0	0.00	2	50	22	36	29	0	0.00
3	63	44	54	11	0	0.00	3	64	37	51	14	0	0.00	3	65	40	53	12	0	0.00
4	58	39	49	16	0	0.12	4	56	42	49	16	0	0.26	4	56	45	51	14	0	0.22
5	60	34	47	18	0	0.00	5	59	36	48	17	0	0.00	5	59	41	50	15	0	0.00
6	50	38	44	21	0	0.23	6	47	39	43	22	0	0.31	6	48	40	44	21	0	0.06
7	43	34	39	26	0	0.03	7	43	33	38	27	0	T	7	44	34	39	26	0	0.00
8	45	36	41	24	0	0.02	8	46	35	41	24	0	0.00	8	48	38	43	22	0	0.01
9	47	31	39	26	0	0.00	9	47	30	39	26	0	0.00	9	50	32	41	24	0	0.00
2 Week Accumulation						1.08							0.87							0.73
Lafayette							Bloomington							Cincinnati						
Day	T _{max}	T _{min}	T _{Ave}	HDD	CDD	Precip.	Day	T _{max}	T _{min}	T _{Ave}	HDD	CDD	Precip.	Day	T _{max}	T _{min}	T _{Ave}	HDD	CDD	Precip.
26	67	34	51	14	0	0.00	26	72	39	56	9	0	0.00	26	70	42	56	9	0	0.00
27	78	50	64	1	0	0.00	27	81	50	66	0	1	T	27	80	47	64	1	0	0.00
28	68	45	57	8	0	0.33	28	71	47	59	6	0	1.01	28	72	53	63	2	0	0.05
29	47	37	42	23	0	0.00	29	56	38	47	18	0	0.00	29	60	41	51	14	0	0.00
30	52	30	41	24	0	T	30	55	31	43	22	0	T	30	55	35	45	20	0	0.00
31	44	32	38	27	0	0.20	31	47	34	41	24	0	0.10	31	48	36	42	23	0	0.19
1	43	26	35	30	0	0.00	1	45	26	36	29	0	0.00	1	42	29	36	29	0	T
2	50	21	36	29	0	0.00	2	52	21	37	28	0	0.00	2	50	25	38	27	0	0.00
3	64	44	54	11	0	0.00	3	66	41	54	11	0	0.00	3	63	31	47	18	0	0.00
4	56	41	49	16	0	0.50	4	58	47	53	12	0	0.40	4	67	50	59	6	0	0.10
5	60	35	48	17	0	0.00	5	54	39	47	18	0	0.00	5	57	46	52	13	0	T
6	46	38	42	23	0	0.07	6	48	40	44	21	0	0.06	6	53	42	48	17	0	0.01
7	45	33	39	26	0	0.00	7	47	31	39	26	0	0.00	7	47	35	41	24	0	0.00
8	46	35	41	24	0	T	8	50	34	42	23	0	T	8	57	34	46	19	0	0.00
9	50	28	39	26	0	0.00	9	53	28	41	24	0	0.00	9	54	32	43	22	0	0.00
2 Week Accumulation						1.10							1.57							0.35
Louisville							Chicago													
Day	T _{max}	T _{min}	T _{Ave}	HDD	CDD	Precip.	Day	T _{max}	T _{min}	T _{Ave}	HDD	CDD	Precip.							
26	76	50	63	2	0	0.00	26	64	42	53	12	0	0.00							
27	85	53	69	0	4	0.00	27	77	51	64	1	0	0.00							
28	73	58	66	0	1	0.16	28	68	45	57	8	0	T							
29	64	46	55	10	0	0.00	29	49	36	43	22	0	0.00							
30	59	38	49	16	0	0.00	30	51	32	42	23	0	0.00							
31	52	36	44	21	0	0.13	31	47	33	40	25	0	0.03							
1	46	35	41	24	0	T	1	43	29	36	29	0	0.00							
2	53	30	42	23	0	0.00	2	51	25	38	27	0	0.00							
3	68	39	54	11	0	0.00	3	62	43	53	12	0	0.00							
4	66	53	60	5	0	0.03	4	60	44	52	13	0	T							
5	58	52	55	10	0	0.10	5	60	34	47	18	0	T							
6	56	44	50	15	0	0.01	6	51	38	45	20	0	T							
7	52	39	46	19	0	0.00	7	43	29	36	29	0	0.00							
8	58	35	47	18	0	0.00	8	47	36	42	23	0	0.01							
9	57	36	47	18	0	0.00	9	52	35	44	21	0	T							
2 Week Accumulation						0.43							0.04							

Current Teleconnection Phases

AO:

1000mb observed 4-month mean: -0.3268

1000mb 7-day forecast mean: -0.3211

1000mb 10-day forecast mean: -0.1504

1000mb 14-day forecast mean: -0.1422

PNA:

1000mb observed 4-month mean: 0.4258

500mb 7-day forecast mean: 0.3714

500mb 10-day forecast mean: 0.3104

500mb 14-day forecast mean: 0.1985

NAO:

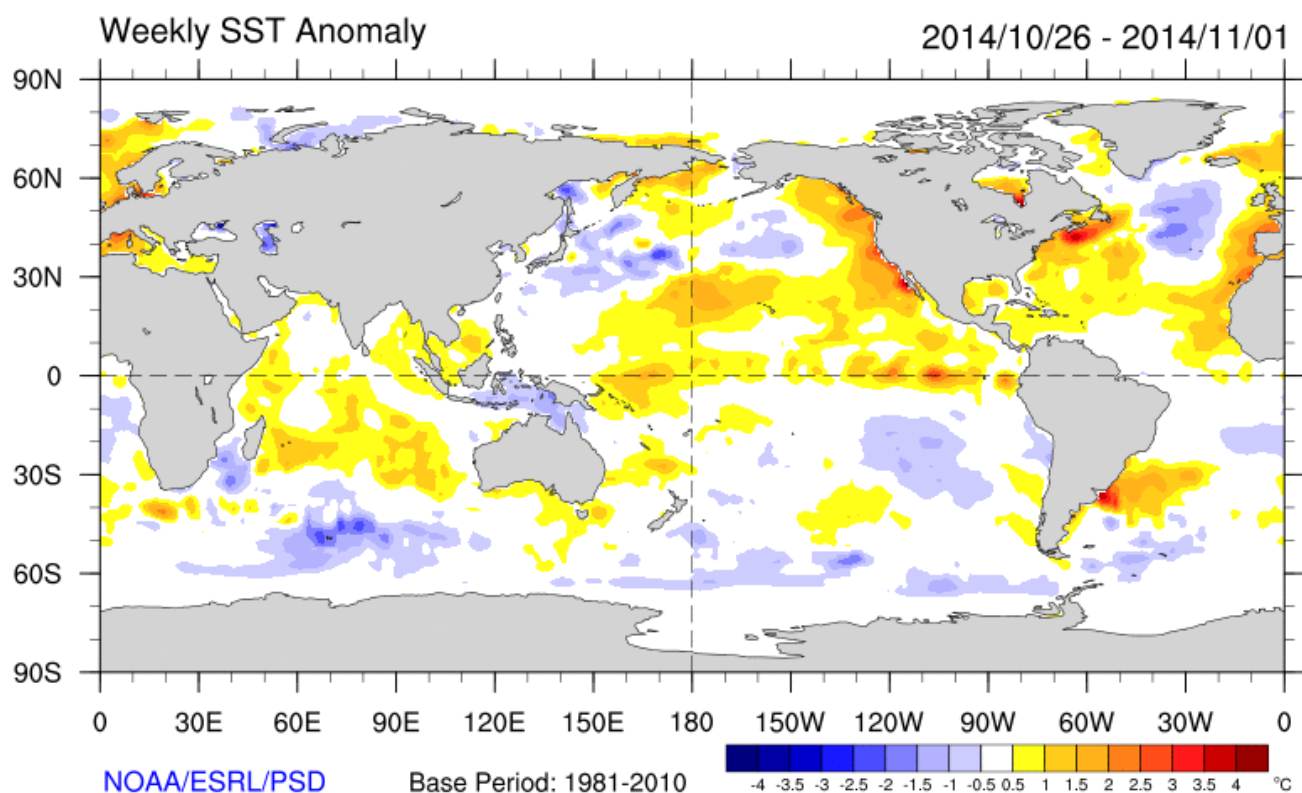
500mb observed 4-month mean: -0.2019

500mb 7-day forecast mean: -0.3079

500mb 10-day forecast mean: -0.2171

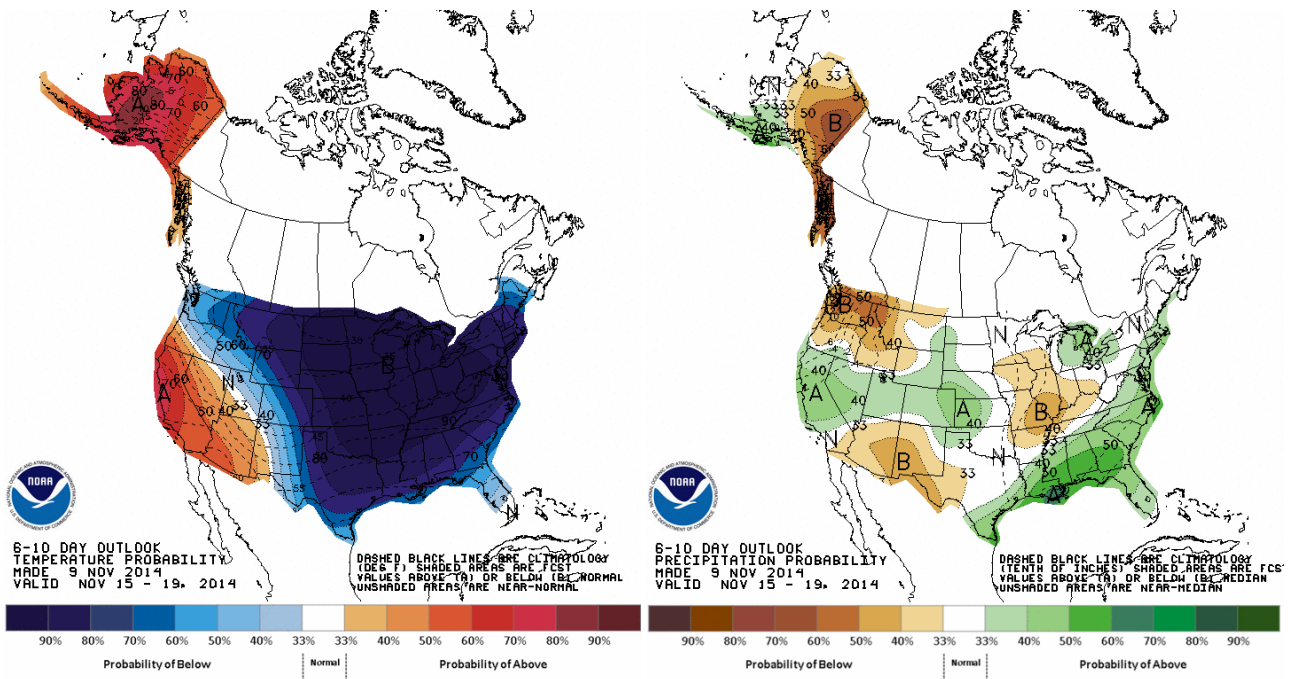
500mb 14-day forecast mean: -0.1254

ENSO: An El Niño watch is still in effect, however conditions remain neutral in the tropical Pacific because of the presence of warmer-than-average waters.

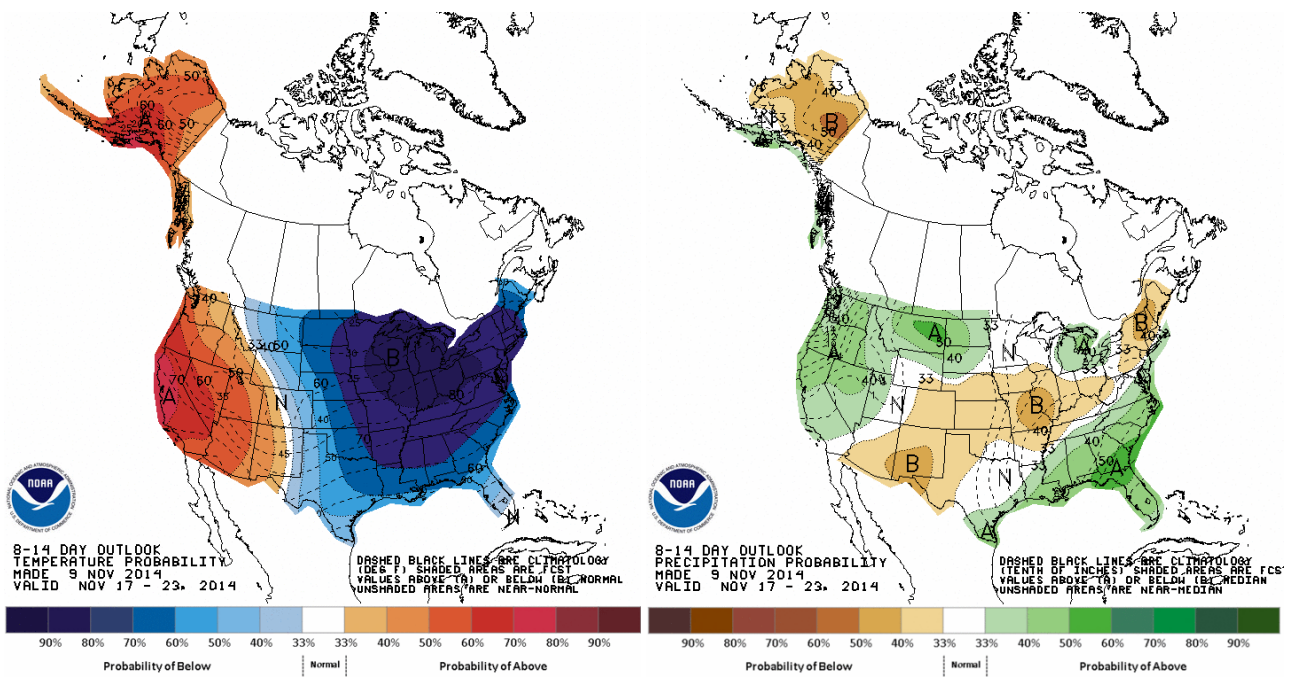


<http://www.esrl.noaa.gov/psd/map/images/sst/sst.anom.gif>

6-10 Day Outlook, Nov 15 – Nov 19, 2014:



8-14 Day Outlook, Nov 17 – Nov 23, 2014:



Additional Products:

Drought Monitor: <http://droughtmonitor.unl.edu/>

ENSO: http://www.cpc.ncep.noaa.gov/products/analysis_monitoring/enso_advisory/

QPF Products (precipitation forecast): <http://www.wpc.ncep.noaa.gov/qpf/qpf2.shtml>

National Weather Service Offices of Indiana:

<http://www.crh.noaa.gov/iwx/> (northeast Indiana)

<http://www.crh.noaa.gov/ind/> (central Indiana)

<http://www.weather.gov/iln/> (far east-central and southeast Indiana)

<http://www.crh.noaa.gov/lmk/> (south central Indiana)

<http://www.crh.noaa.gov/lot/> (northwest Indiana)

<http://www.crh.noaa.gov/pah/> (far southwest Indiana)

National Hurricane Center: <http://www.nhc.noaa.gov>

Climate Prediction Center: <http://www.cpc.ncep.noaa.gov>

Storm Prediction Center: <http://www.spc.noaa.gov>

Climate Diagnostics Bulletin: <http://www.cpc.ncep.noaa.gov/products/CDB/>

River Forecast Centers: <http://water.weather.gov/ahps/rfc/rfc.php>

Midwest Regional Climate Center: <http://mrcc.isws.illinois.edu/cliwatch/watch.htm>