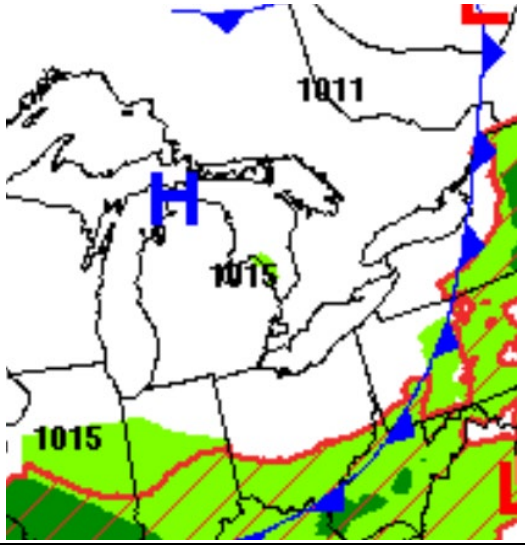
Local time is UTC - 4 hours
2023 magnetic variation is -6.5 degrees
Magnetic + variation = true

United States Women's National Championships
Tuesday July 18, 2023 PM

KPH * 1.85 = KNOTS

Discussion: WOW, it's a High Pressure area. Light winds with expected shift to right as the evening wears on.



Observations: KARB -31NM E;KBTL-32NM WNW;KLAN-32NM NNW; KOEB-28NM SW

KJXN 182156Z 27003KT 10SM CLR 26/14 A2997

KARB 182153Z VRB03KT 10SM CLR 25/13 A2996

KBTL 182153Z 32007KT 10SM CLR 26/14 A2998

KLAN 182153Z 31009KT 10SM FEW047 FEW095 26/13 A2998

KOEB 182155Z AUTO 00000KT 10SM CLR 26/12 A2997

Winds Aloft:	**Direction FROM and KNOTS**
3000	320 @ 5 knots
6000	260 @ 12 knots
9000	270 @ 18 knots

Terminal: KJXN -only 5 mile radius

KJXN 181740Z 1818/1918 23005KT P6SM SCT040 ;FM190100
VRB03KT P6SM SKC

KNOTS ABOVE | KPH MAG BELOW

RUC Winds

7pm

Alt MSL (ft)	Direction MAG TO	Speed KPH	Speed KNOTS
1070	121	4	2
1168	121	6	3
1332	120	6	3
1611	121	6	3
2011	118	6	3
2539	119	7	4
2546	119	7	4
3166	119	7	4
3878	119	7	4
4669	118	9	5
4911	117	9	5
5564	116	11	6
6578	116	13	7
7720	118	15	8
8996	121	20	11

8pm

Direction MAG TO	Speed KPH	Speed KNOTS
124	4	2
127	6	3
125	6	3
126	6	3
126	7	4
127	7	4
127	7	4
127	7	4
126	9	5
127	9	5
126	9	5
124	11	6
124	11	6
123	13	7
120	17	9

Pibal winds

5:30 PM

Alt MSL (ft)	Direction TO	Speed KPH	Speed KNOTS
1107	57	6	3
1314	62	4	2
1514	43	6	3
1714	42	6	3
1913	70	3	1
2113	108	1	1
2313	55	3	2
2513	73	3	2
2713	67	4	2
2912	47	4	2
3112	60	7	4
3312	56	8	4
3512	59	7	4
3712	61	7	4
3911	51	5	3
4111	49	5	3
4311	70	7	4
4511	74	7	4
4711	61	8	4
4910	78	7	4
5110	100	6	3
5310	111	6	3
5510	107	5	3
5710	117	8	4
5909	123	10	5
6109	121	11	6
6309	112	12	7
6509	112	14	7

Direction TO	Speed KPH	Speed KNOTS