18 - 24 November 2019 DUCK MIGRATION FORECAST

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HEADLINES:

1) Our WSI predicts a stall to migration this week in the Mississippi and Atlantic Flyways
2) Mallard movement is predicted to be little to none in the coming week.
3) Gadwall, green-winged teal, wigeon, and shoveler may continue to make small movements south, but no substantial migration is expected.

WEATHER OVERVIEW: Temperatures moderate substantially this week in the Mississippi and Atlantic Flyways with little to no significant snow in the forecast. After two strong cold-fronts last week, temperatures hang around freezing and above freezing in mid-latitude areas where mallard numbers are currently at peak abundance. Long term forecasts are consistent with our seasonal WSI predictions and suggest that this was a short-lived cold event. That does not mean that other cold outbreaks will not occur throughout autumn-winter 2019-2020 in eastern North America, but the greatest chance for sustained cold to move mallards to southern latitudes is for the last two weeks of January. Current global atmospheric conditions favor a multi-week period of overall mild conditions for eastern North America.

WEEKLY SPECIES SUMMARY: Our WSI predicts little to no movement of mallards and black ducks in the coming week. These species are at peak in mid-latitude locales at this time and will distribute locally based on food resources and disturbance. Early season migrants may continue small movements south, but no major movement is predicted.

As a reminder, peak abundance of ducks and their decline thereafter are often closely-related, as such, during migration hunters may wish to target times when our WSI predicts that ducks are transitioning from increasing in abundance (color coded RED), to decreasing abundance in your area (color coded BLUE). Our WSI values are an approximation based on 20+ years of data from 20+ location in the Mississippi and Atlantic Flyways. As such, we suggest maintaining a log-book while using the WSI thresholds to determine when to hunt in your area because we publish average conditions which vary greatly geographically.

WSI COLOR CODES: We report WSI values and color code each day by species and location as **little to no migration (YELLOW), increasing abundance (RED), and decreasing abundance (BLUE).** WSI models and thresholds differ among species, so the values by location will differ among some species.

MALLARD AND BLACK DUCK (WSI threshold = 5)

		Manitoba	*North Dakota*	*Michigan*	*Iowa*	*Ohio*	*Tennessee*	*Ontario*	*New York*	*DC*	*North Carolina*
Month	**Day**	**Churchill**	**Devils Lake**	**Green Bay**	**Des Moines**	**Columbus**	**Memphis**	**Ottawa**	**Syracuse**	**Washington**	**Charlotte**
11	11	Frozen out, no more forecast	16	9	10	-1	-4	8	2	-12	-14
11	12		10	10	6	6	4	11	6	-4	-3
11	13		12	9	3	1	-2	11	7	-1	-1
11	14		8	6	4	0	-4	5	2	-4	-5
11	15		7	7	-1	1	-3	11	5	-5	-7
11	16		-1	6	-5	-2	-6	15	13	-5	-9
11	17		1	5	-5	-3	-6	13	11	-5	-9
11	18	Frozen out, no more forecast	-2	1	-6	-6	-10	6	6	-7	-6
11	19		0	-2	-6	-4	-11	6	5	-9	-8
11	20		4	-3	-10	-5	-16	5	4	-7	-9
11	21		6	-1	-3	-9	-15	-2	-2	-10	-12
11	22		2	2	0	-4	-9	2	2	-9	-13
11	23		0	1	-2	-3	-5	2	2	-5	-10
11	24		2	-1	-4	-3	-6	3	3	-5	-8

PINTAIL (WSI threshold = -4)

		Manitoba	*North Dakota*	*Michigan*	*Iowa*	*Ohio*	*Tennessee*	*Ontario*	*New York*	*DC*	*North Carolina*
Month	**Day**	**Churchill**	**Devils Lake**	**Green Bay**	**Des Moines**	**Columbus**	**Memphis**	**Ottawa**	**Syracuse**	**Washington**	**Charlotte**
11	11	Frozen out, no more forecast	16	9	10	-1	-4	8	2	-12	-14
11	12		10	10	6	6	4	11	6	-4	-3
11	13		12	9	3	1	-2	11	7	-1	-1
11	14		8	6	4	0	-4	5	2	-4	-5
11	15		7	7	-1	1	-3	11	5	-5	-7
11	16		-1	6	-5	-2	-6	15	13	-5	-9
11	17		1	5	-5	-3	-6	13	11	-5	-9
11	18	Frozen out, no more forecast	-2	1	-6	-6	-10	6	6	-7	-6
11	19		0	-2	-6	-4	-11	6	5	-9	-8
11	20		4	-3	-10	-5	-16	5	4	-7	-9
11	21		6	-1	-3	-9	-15	-2	-2	-10	-12
11	22		2	2	0	-4	-9	2	2	-9	-13
11	23		0	1	-2	-3	-5	2	2	-5	-10
11	24		2	-1	-4	-3	-6	3	3	-5	-8

GADWALL (WSI threshold = -7)

		Manitoba	*North Dakota*	*Michigan*	*Iowa*	*Ohio*	*Tennessee*	*Ontario*	*New York*	*DC*	*North Carolina*
Month	**Day**	**Churchill**	**Devils Lake**	**Green Bay**	**Des Moines**	**Columbus**	**Memphis**	**Ottawa**	**Syracuse**	**Washington**	**Charlotte**
11	11	Frozen out, no more forecast	Frozen out, no more forecast	11	4	-4	-9	10	-1	-9	-11
11	12			15	7	-1	-6	17	7	-8	-10
11	13			17	9	1	-6	19	11	-6	-8
11	14			19	12	3	-4	23	12	-6	-7
11	15			21	7	4	-4	25	13	-5	-6
11	16			23	1	-1	-4	28	16	-6	-7
11	17			25	1	-1	-5	31	18	-6	-8
11	18	Frozen out, no more forecast	Frozen out, no more forecast	13	0	-1	-4	19	13	-6	-7
11	19			2	-2	-1	-5	20	14	-5	-7
11	20			1	-4	-3	-8	20	15	-6	-7
11	21			1	-5	-4	-10	4	4	-7	-9
11	22			2	-4	-4	-10	5	5	-8	-10
11	23			3	-5	-5	-10	6	6	-8	-10
11	24			-1	-5	-5	-10	6	6	-8	-10

SHOVELER (WSI threshold = -9)

		Manitoba	*North Dakota*	*Michigan*	*Iowa*	*Ohio*	*Tennessee*	*Ontario*	*New York*	*DC*	*North Carolina*
Month	**Day**	**Churchill**	**Devils Lake**	**Green Bay**	**Des Moines**	**Columbus**	**Memphis**	**Ottawa**	**Syracuse**	**Washington**	**Charlotte**
11	11	Frozen out, no more forecast	Frozen out, no more forecast	11	4	-4	-9	10	-1	-9	-11
11	12			15	7	-1	-6	17	7	-8	-10
11	13			17	9	1	-6	19	11	-6	-8
11	14			19	12	3	-4	23	12	-6	-7
11	15			21	7	4	-4	25	13	-5	-6
11	16			23	1	-1	-4	28	16	-6	-7
11	17			25	1	-1	-5	31	18	-6	-8
11	18	Frozen out, no more forecast	Frozen out, no more forecast	13	0	-1	-4	19	13	-6	-7
11	19			2	-2	-1	-5	20	14	-5	-7
11	20			1	-4	-3	-8	20	15	-6	-7
11	21			1	-5	-4	-10	4	4	-7	-9
11	22			2	-4	-4	-10	5	5	-8	-10
11	23			3	-5	-5	-10	6	6	-8	-10
11	24			-1	-5	-5	-10	6	6	-8	-10

WIGEON and GREEN-WINGED TEAL (WSI threshold = -10)

		Manitoba	*North Dakota*	*Michigan*	*Iowa*	*Ohio*	*Tennessee*	*Ontario*	*New York*	*DC*	*North Carolina*
Month	**Day**	**Churchill**	**Devils Lake**	**Green Bay**	**Des Moines**	**Columbus**	**Memphis**	**Ottawa**	**Syracuse**	**Washington**	**Charlotte**
11	11	Frozen out, no more forecast	Frozen out, no more forecast	11	4	-4	-9	10	-1	-9	-11
11	12			15	7	-1	-6	17	7	-8	-10
11	13			17	9	1	-6	19	11	-6	-8
11	14			19	12	3	-4	23	12	-6	-7
11	15			21	7	4	-4	25	13	-5	-6
11	16			23	1	-1	-4	28	16	-6	-7
11	17			25	1	-1	-5	31	18	-6	-8
11	18	Frozen out, no more forecast	Frozen out, no more forecast	13	0	-1	-4	19	13	-6	-7
11	19			2	-2	-1	-5	20	14	-5	-7
11	20			1	-4	-3	-8	20	15	-6	-7
11	21			1	-5	-4	-10	4	4	-7	-9
11	22			2	-4	-4	-10	5	5	-8	-10
11	23			3	-5	-5	-10	6	6	-8	-10
11	24			-1	-5	-5	-10	6	6	-8	-10