

5 November – 11 November 2018 DUCK MIGRATION FORECAST

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OVERVIEW: The first substantial cold-front of the season will push south in the mid-continent of the United States and will likely bring icing conditions to many wetlands. These temperatures moderate some moving east towards the upper Great Lakes. The Atlantic Flyway remains relatively warm until Friday, Saturday, Sunday when temperatures are forecasted to decline and snow is possible in the upper part of the Flyway.

SPECIES PREDICTIONS: 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. Thresholds are points when ducks are predicted to decrease in abundance from one day to the next, it does not indicate they no longer occur at a location. The greater the WSI beyond the threshold the greater decrease in abundance from one day to the next and greater likelihood of their arrival at points farther south.

THIS WEEK: Our WSI predicts the first major mallard migration of the season in the Mississippi Flyway. Freezing temperatures in North Dakota will sustain starting on Wednesday night through the weekend. Mid-latitude areas such as Iowa, Illinois, and Missouri are predicted to see increased mallard abundance by late this week and into the weekend. For the Mississippi Flyway, dabbling ducks other than mallards are predicted to be moving into southern latitudes, especially late in the week starting on Wednesday night into Thursday morning. In the east, mallard and black duck migration remains on hold as warm conditions with little snow prevail. Other dabbling ducks are predicted begin to move to points farther south than Ontario and New York. By the weekend, dabbling ducks other than mallards are increasingly predicted to be migrating out of the Great Lakes region and into mid-latitude areas of the Atlantic Flyway.

MALLARD AND BLACK DUCK (WSI threshold = 5)

Month	Day	Manitoba Churchill	North Dakota Deviils Lake	Michigan Green Bay	Iowa Des Moines	Ohio Columbus	Tennessee Memphis	Ontario Ottawa	New York Syracuse	DC Washington	North Carolina Charlotte
10	25	11	-7	-5	-7	-5	-11	0	-2	-6	-8
10	26	11	-6	-5	-9	-7	-12	0	-3	-8	-9
10	27	11	-5	-6	-11	-8	-13	-3	-3	-9	-11
10	28	12	-5	-5	-9	-8	-15	-1	-5	-9	-8
10	29	No more forecast, froze out	-4	-7	-13	-6	-17	0	-4	-9	-11
10	30		-3	-8	-10	-10	-19	-3	-5	-11	-10
10	31		-2	-8	-10	-14	-21	-1	-8	-13	-13
11	1		-1	-4	-9	-10	-14	-4	-9	-17	-17
11	2		-2	-3	-9	-7	-9	-2	-10	-17	-15
11	3		-1	-4	-5	-7	-12	-3	-6	-11	-10
11	4	1	-6	-6	-9	-13	-4	-5	-10	-10	
11	5	No more forecast, froze out	2	-6	-5	-12	-14	-4	-8	-12	-17
11	6		5	-4	-3	-9	-14	-9	-11	-13	-15
11	7		8	0	0	-5	-10	-6	-5	-11	-15
11	8		10	2	1	-5	-8	-3	-4	-9	-12
11	9		11	4	4	-2	-6	-1	-2	-6	-9
11	10		10	4	2	1	-6	1	0	-4	-7
11	11		10	4	3	-2	-8	2	0	-5	-6

PINTAIL (WSI threshold = -4)

Month	Day	Manitoba Churchill	North Dakota Devils Lake	Michigan Green Bay	Iowa Des Moines	Ohio Columbus	Tennessee Memphis	Ontario Ottawa	New York Syracuse	DC Washington	North Carolina Charlotte
10	25	40	-7	-5	-8	-6	-12	2	-2	-7	-9
10	26	42	-7	-6	-9	-8	-13	2	-4	-9	-9
10	27	41	-6	-6	-12	-9	-14	-3	-4	-9	-12
10	28	44	-5	-5	-9	-8	-16	0	-5	-10	-9
10	29	No more forecast, froze out	-4	-8	-14	-7	-18	2	-4	-10	-12
10	30		-4	-9	-11	-10	-20	0	-5	-12	-11
10	31		-3	-8	-11	-15	-22	3	-8	-14	-14
11	1		-1	-4	-9	-11	-15	1	-9	-19	-18
11	2		-2	-3	-9	-8	-10	3	-10	-18	-16
11	3		-1	-4	-6	-8	-13	-3	-6	-12	-11
11	4		4	-6	-6	-9	-14	-4	-6	-11	-11
11	5	No more forecast, froze out	6	-6	-6	-13	-16	-5	-8	-13	-18
11	6		8	-4	-3	-10	-15	-9	-11	-14	-16
11	7		12	1	1	-5	-11	-6	-6	-12	-16
11	8		15	3	2	-5	-8	-4	-4	-10	-13
11	9		16	7	9	-2	-6	-1	-2	-7	-9
11	10		16	7	5	2	-6	2	0	-4	-7
11	11		16	8	7	-2	-8	4	1	-5	-7

GADWALL (WSI threshold = -7)

Month	Day	Manitoba Churchill	North Dakota Devils Lake	Michigan Green Bay	Iowa Des Moines	Ohio Columbus	Tennessee Memphis	Ontario Ottawa	New York Syracuse	DC Washington	North Carolina Charlotte
10	25	43	-5	-5	-9	-7	-13	-1	-5	-10	-12
10	26	44	-5	-5	-9	-7	-13	-1	-6	-10	-12
10	27	44	-5	-5	-8	-7	-13	-3	-6	-10	-12
10	28	33	-5	-5	-9	-7	-13	0	-5	-9	-11
10	29	No more forecast, froze out	-5	-6	-10	-8	-14	1	-5	-10	-11
10	30		-5	-6	-10	-8	-15	2	-5	-10	-11
10	31		-5	-6	-10	-8	-16	3	-5	-10	-11
11	1		-5	-6	-10	-9	-16	4	-5	-11	-12
11	2		-4	-6	-11	-9	-16	4	-6	-13	-13
11	3		-3	-6	-10	-9	-16	-3	-7	-13	-13
11	4		1	-6	-10	-9	-16	-3	-7	-13	-13
11	5	No more forecast, froze out	3	-6	-9	-10	-16	-4	-7	-14	-14
11	6		2	-6	-8	-10	-16	-5	-8	-14	-14
11	7		5	-4	-5	-10	-14	-5	-8	-14	-15
11	8		7	-1	-3	-9	-13	-5	-8	-14	-15
11	9		10	1	2	-8	-12	-4	-7	-12	-14
11	10		12	2	2	-5	-11	-3	-5	-10	-13
11	11		14	4	4	-6	-10	-1	-3	-10	-12

SHOVELER (WSI threshold = -9)

Month	Day	Manitoba Churchill	North Dakota Devils Lake	Michigan Green Bay	Iowa Des Moines	Ohio Columbus	Tennessee Memphis	Ontario Ottawa	New York Syracuse	DC Washington	North Carolina Charlotte
10	25	43	-5	-5	-9	-7	-13	-1	-5	-10	-12
10	26	44	-5	-5	-9	-7	-13	-1	-6	-10	-12
10	27	44	-5	-5	-8	-7	-13	-3	-6	-10	-12
10	28	33	-5	-5	-9	-7	-13	0	-5	-9	-11
10	29	No more forecast, froze out	-5	-6	-10	-8	-14	1	-5	-10	-11
10	30		-5	-6	-10	-8	-15	2	-5	-10	-11
10	31		-5	-6	-10	-8	-16	3	-5	-10	-11
11	1		-5	-6	-10	-9	-16	4	-5	-11	-12
11	2		-4	-6	-11	-9	-16	4	-6	-13	-13
11	3		-3	-6	-10	-9	-16	-3	-7	-13	-13
11	4		1	-6	-10	-9	-16	-3	-7	-13	-13
11	5	No more forecast, froze out	3	-6	-9	-10	-16	-4	-7	-14	-14
11	6		2	-6	-8	-10	-16	-5	-8	-14	-14
11	7		5	-4	-5	-10	-14	-5	-8	-14	-15
11	8		7	-1	-3	-9	-13	-5	-8	-14	-15
11	9		10	1	2	-8	-12	-4	-7	-12	-14
11	10		12	2	2	-5	-11	-3	-5	-10	-13
11	11		14	4	4	-6	-10	-1	-3	-10	-12

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

Month	Day	Manitoba Churchill	North Dakota Deville Lake	Michigan Green Bay	Iowa Des Moines	Ohio Columbus	Tennessee Memphis	Ontario Ottawa	New York Syracuse	DC Washington	North Carolina Charlotte
10	25	43	-5	-5	-9	-7	-13	-1	-5	-10	-12
10	26	44	-5	-5	-9	-7	-13	-1	-6	-10	-12
10	27	44	-5	-5	-8	-7	-13	-3	-6	-10	-12
10	28	33	-5	-5	-9	-7	-13	0	-5	-9	-11
10	29	No more forecast, froze out	-5	-6	-10	-8	-14	1	-5	-10	-11
10	30		-5	-6	-10	-8	-15	2	-5	-10	-11
10	31		-5	-6	-10	-8	-16	3	-5	-10	-11
11	1		-5	-6	-10	-9	-16	4	-5	-11	-12
11	2	-4	-6	-11	-9	-16	4	-6	-13	-13	
11	3	-3	-6	-10	-9	-16	-3	-7	-13	-13	
11	4	1	-6	-10	-9	-16	-3	-7	-13	-13	
11	5	No more forecast, froze out	3	-6	-9	-10	-16	-4	-7	-14	-14
11	6		2	-6	-8	-10	-16	-5	-8	-14	-14
11	7		5	-4	-5	-10	-14	-5	-8	-14	-15
11	8		7	-1	-3	-9	-13	-5	-8	-14	-15
11	9		10	1	2	-8	-12	-4	-7	-12	-14
11	10		12	2	2	-5	-11	-3	-5	-10	-13
11	11		14	4	4	-6	-10	-1	-3	-10	-12