

29 October – 4 November 2018 DUCK MIGRATION FORECAST

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OVERVIEW: Much of the Mississippi and Atlantic Flyway will see above average temperatures this week. The upper US and southern Canadian prairies are the only regions with moderately cool temperatures. Rainfall in the upper Mid-west has rivers and fields flooded in some locales, and a substantial nor'easter on 27 – 28 October brought at least 1 inch of rain to most areas in the upper Atlantic Flyway. Both of these scenarios have made additional habitat available to migrating dabbling ducks.

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: The migration predictions is a copy of last week. The WSI predicts little substantial movement this week and abundant water on the landscape will also probably have ducks in a holding pattern. Overall, expect stale birds for the coming week. Mallards will continue at peak in the prairies and upper mid-west, whereas pintails continue to slowly move south in the Mississippi Flyway. For early-migrating dabbling ducks, WSI values are just greater than the migration threshold, so these ducks are predicted to continue to make small, but not substantial movements south. Greatest likelihood of movements is for green-winged teal, wigeon, and shovelers early in the week for the Mississippi and Atlantic Flyways.

MALLARD AND BLACK DUCK (WSI threshold = 5)

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	16	9	-2	-7	-9	-8	-8	-5	-7	-16	-21
10	17	12	-3	-3	-8	-10	-13	-4	-7	-15	-17
10	18	10	-12	-5	-11	-6	-14	-2	-3	-11	-13
10	19	9	-8	-9	-14	-8	-14	-9	-9	-11	-13
10	20	12	1	-4	-5	-8	-15	-6	-10	-15	-16
10	21	9	-6	-4	-9	-5	-8	-1	-3	-7	-9
10	22	11	-2	-8	-9	-10	-12	-5	-7	-11	-12
10	23	14	-2	-3	-6	-7	-13	-5	-7	-12	-14
10	24	11	-6	-3	-7	-5	-12	-1	-2	-7	-12
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	-2	-5	-9	-8
10	29	No more forecast, froze out	-4	-7	-13	-6	-17	-1	-4	-9	-11
10	30		-3	-7	-9	-14	-21	-3	-6	-12	-13
10	31		-2	-5	-6	-12	-16	-5	-10	-17	-18
11	1		-1	-4	-6	-9	-10	-5	-10	-18	-18
11	2		2	-3	-3	-6	-10	-5	-8	-13	-11
11	3	3	-3	-3	-6	-10	-4	-6	-10	-11	
11	4	3	-3	-4	-8	-13	-4	-6	-10	-11	

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	16	23	-3	-7	-9	-8	-9	-6	-8	-17	-23
10	17	28	-3	-4	-8	-10	-14	-4	-8	-16	-19
10	18	29	-13	-5	-11	-6	-15	-2	-3	-11	-14
10	19	29	-8	-9	-16	-9	-16	-10	-10	-12	-14
10	20	34	2	-4	-6	-9	-16	-7	-10	-16	-17
10	21	32	-7	-4	-9	-5	-9	-1	-3	-8	-9
10	22	35	-2	-8	-10	-11	-13	-5	-8	-11	-13
10	23	41	-3	-3	-6	-8	-14	-5	-7	-13	-15
10	24	38	-7	-3	-8	-5	-13	0	-2	-8	-13
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	-2	-5	-10	-9
10	29	No more forecast, froze out	-4	-8	-14	-7	-18	-1	-4	-10	-12
10	30		-4	-7	-10	-15	-23	-3	-6	-13	-14
10	31		-3	-6	-7	-13	-18	-6	-11	-18	-19
11	1		-1	-4	-7	-9	-10	-6	-10	-20	-19
11	2		3	-3	-3	-7	-10	-6	-8	-14	-12
11	3		4	-3	-4	-6	-11	-4	-7	-11	-12
11	4		6	-3	-4	-9	-14	-4	-7	-11	-11

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	16	24	0	-6	-7	-12	-16	-4	-12	-18	-20
10	17	28	-2	-5	-7	-10	-15	-4	-9	-16	-18
10	18	30	-3	-5	-8	-9	-15	-5	-8	-14	-17
10	19	32	-2	-6	-8	-9	-15	-6	-8	-14	-17
10	20	34	-4	-5	-8	-9	-14	-6	-8	-14	-17
10	21	36	-4	-6	-9	-9	-13	-5	-8	-14	-16
10	22	39	-5	-6	-9	-8	-13	-5	-7	-13	-15
10	23	40	-5	-5	-9	-8	-14	-3	-6	-12	-14
10	24	42	-6	-5	-9	-7	-13	-2	-6	-11	-13
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	-2	-5	-9	-11
10	29	No more forecast, froze out	-5	-6	-10	-8	-14	-2	-5	-10	-11
10	30		-5	-5	-10	-8	-15	-2	-5	-10	-12
10	31		-5	-6	-10	-9	-16	-2	-5	-10	-12
11	1		-5	-6	-9	-9	-15	-3	-6	-12	-13
11	2		-2	-6	-9	-9	-15	-3	-7	-13	-13
11	3		0	-5	-8	-9	-15	-4	-7	-13	-14
11	4		2	-5	-7	-9	-15	-4	-7	-13	-14

SHOVELER (WSI threshold = -9)

Month	Day	Manitoba	North Dakota	Michigan	Iowa	Ohio	Tennessee	Ontario	New York	DC	North Carolina
		Churchill	Devis Lake	Green Bay	Des Moines	Columbus	Memphis	Ottawa	Syracuse	Washington	Charlotte
10	16	24	0	-6	-7	-12	-16	-4	-12	-18	-20
10	17	28	-2	-5	-7	-10	-15	-4	-9	-16	-18
10	18	30	-3	-5	-8	-9	-15	-5	-8	-14	-17
10	19	32	-2	-6	-8	-9	-15	-6	-8	-14	-17
10	20	34	-4	-5	-8	-9	-14	-6	-8	-14	-17
10	21	36	-4	-6	-9	-9	-13	-5	-8	-14	-16
10	22	39	-5	-6	-9	-8	-13	-5	-7	-13	-15
10	23	40	-5	-5	-9	-8	-14	-3	-6	-12	-14
10	24	42	-6	-5	-9	-7	-13	-2	-6	-11	-13
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	-2	-5	-10	-11
10	29	No more forecast, froze out	-5	-6	-10	-8	-14	-2	-5	-10	-11
10	30		-5	-5	-10	-8	-15	-2	-5	-10	-12
10	31		-5	-6	-10	-9	-16	-2	-5	-10	-12
11	1		-5	-6	-9	-9	-15	-3	-6	-12	-13
11	2		-2	-6	-9	-9	-15	-3	-7	-13	-13
11	3		0	-5	-8	-9	-15	-4	-7	-13	-14
11	4		2	-5	-7	-9	-15	-4	-7	-13	-14

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

Month	Day	Manitoba	North Dakota	Michigan	Iowa	Ohio	Tennessee	Ontario	New York	DC	North Carolina
		Churchill	Devis Lake	Green Bay	Des Moines	Columbus	Memphis	Ottawa	Syracuse	Washington	Charlotte
10	16	24	0	-6	-7	-12	-16	-4	-12	-18	-20
10	17	28	-2	-5	-7	-10	-15	-4	-9	-16	-18
10	18	30	-3	-5	-8	-9	-15	-5	-8	-14	-17
10	19	32	-2	-6	-8	-9	-15	-6	-8	-14	-17
10	20	34	-4	-5	-8	-9	-14	-6	-8	-14	-17
10	21	36	-4	-6	-9	-9	-13	-5	-8	-14	-16
10	22	39	-5	-6	-9	-8	-13	-5	-7	-13	-15
10	23	40	-5	-5	-9	-8	-14	-3	-6	-12	-14
10	24	42	-6	-5	-9	-7	-13	-2	-6	-11	-13
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	-2	-5	-9	-11
10	29	No more forecast, froze out	-5	-6	-10	-8	-14	-2	-5	-10	-11
10	30		-5	-5	-10	-8	-15	-2	-5	-10	-12
10	31		-5	-6	-10	-9	-16	-2	-5	-10	-12
11	1		-5	-6	-9	-9	-15	-3	-6	-12	-13
11	2		-2	-6	-9	-9	-15	-3	-7	-13	-13
11	3		0	-5	-8	-9	-15	-4	-7	-13	-14
11	4		2	-5	-7	-9	-15	-4	-7	-13	-14