

10 December – 16 December 2018 DUCK MIGRATION FORECAST

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OVERVIEW: Following a short period of continued cold, temperatures moderate throughout the Mississippi and Atlantic Flyways later in the week. Little to no snowfall is forecasted and by the end of the weekend snow at mid-latitude locations and into the Great Lakes region is likely to melt, providing continued flooded and other short-term habitat in flooded fields and woods.

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 some movement of mallards and black ducks in the Mississippi and Atlantic Flyway out of the latitude of Iowa and New York, respectively early in the week. However, flooding may temper the potential for movement in both cases. Later in the week temperatures moderate and by the weekend snow melts providing abundant habitat for mallards and black ducks. Mallard and black duck numbers are at peak in mid-latitude locales and our WSI predicts they will remain as such through the coming week. Other than pintails other early migrating dabbling ducks are primarily on their wintering areas at this time or just slightly north. Some movement south of pintails out of mid-latitude locales is predicted for early in the coming week but similar to mallards and black ducks this movement, but by the weekend we don't expect substantial movements of these ducks. Altogether, best likelihood of migration by dabbling ducks is early in the week but flooding may preclude abundant movements in the coming week.

MALLARD AND BLACK DUCK (WSI threshold = 5)

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
12	3	No more forecast, froze out	No more forecast, froze out	5	5	-2	-4	13	-1	-8	-11
12	4			7	6	1	-1	17	4	-2	-6
12	5			6	3	2	-3	15	12	-2	-4
12	6			8	8	1	-3	13	9	-4	-2
12	7			12	9	4	-4	21	12	-3	-5
12	8			11	7	6	-2	24	13	-1	-4
12	9			10	8	4	0	18	12	-1	0
12	10			10	7	6	0	21	14	0	0
12	11			9	2	4	-6	20	13	-3	-2
12	12	No more forecast, froze out	No more forecast, froze out	6	3	-2	-8	24	16	-2	-3
12	13			7	4	-4	-10	20	12	-4	-6
12	14			9	3	-4	-6	14	-4	-9	-8
12	15			8	-3	-2	-7	16	-2	-6	-7
12	16			10	1	-3	-7	18	-1	-4	-8

PINTAIL (WSI threshold = -4)

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		
12	3	No more forecast, froze out	No more forecast, froze out	16	11	-2	-4	60	-1	-8	-11		
12	4			19	13	2	-1	65	5	-2	-6		
12	5			19	11	6	-3	64	33	-3	-4		
12	6			22	18	7	-4	65	32	-4	-2		
12	7			29	20	12	-4	74	37	-3	-5		
12	8			29	19	16	-2	79	40	-1	-4		
12	9			30	21	15	1	73	40	0	0		
12	10			No more forecast, froze out	No more forecast, froze out	31	21	19	1	79	44	1	2
12	11					31	9	17	-7	80	44	-3	-3
12	12	30	11			-3	-9	86	49	-3	-4		
12	13	32	13			-5	-11	84	45	-4	-6		
12	14	35	12			-4	-6	79	-4	-9	-9		
12	15	36	-3			-3	-8	83	-2	-7	-8		
12	16	40	2			-3	-8	86	0	-4	-8		

GADWALL (WSI threshold = -7)

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		
12	3	No more forecast, froze out	No more forecast, froze out	14	9	-3	-9	57	-1	-6	-9		
12	4			16	10	-2	-9	61	0	-5	-9		
12	5			17	11	2	-9	63	28	-5	-9		
12	6			20	14	5	-8	65	31	-5	-9		
12	7			23	16	7	-7	68	34	-5	-9		
12	8			26	18	10	-6	71	36	-5	-8		
12	9			28	21	13	-3	74	39	-3	-5		
12	10			No more forecast, froze out	No more forecast, froze out	31	23	17	0	77	42	-1	-2
12	11					33	13	18	-3	80	45	-2	-3
12	12	35	14			1	-4	83	47	-2	-3		
12	13	36	15			0	-5	86	48	-2	-3		
12	14	38	15			0	-5	87	3	-3	-4		
12	15	39	1			-1	-5	88	2	-4	-4		
12	16	40	1			-2	-6	89	2	-4	-5		

SHOVELER (WSI threshold = -9)

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		
12	3	No more forecast, froze out	No more forecast, froze out	14	9	-3	-9	57	-1	-6	-9		
12	4			16	10	-2	-9	61	0	-5	-9		
12	5			17	11	2	-9	63	28	-5	-9		
12	6			20	14	5	-8	65	31	-5	-9		
12	7			23	16	7	-7	68	34	-5	-9		
12	8			26	18	10	-6	71	36	-5	-8		
12	9			28	21	13	-3	74	39	-3	-5		
12	10			No more forecast, froze out	No more forecast, froze out	31	23	17	0	77	42	-1	-2
12	11					33	13	18	-3	80	45	-2	-3
12	12	35	14			1	-4	83	47	-2	-3		
12	13	36	15			0	-5	86	48	-2	-3		
12	14	38	15			0	-5	87	3	-3	-4		
12	15	39	1			-1	-5	88	2	-4	-4		
12	16	40	1			-2	-6	89	2	-4	-5		

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

		<i>Manitoba</i>	<i>North Dakota</i>	<i>Michigan</i>	<i>Iowa</i>	<i>Ohio</i>	<i>Tennessee</i>	<i>Ontario</i>	<i>New York</i>	<i>DC</i>	<i>North Carolina</i>		
Month	Day	Churchill	Devils Lake	Green Bay	Des Moines	Columbus	Memphis	Ottawa	Syracuse	Washington	Charlotte		
12	3	No more forecast, froze out	No more forecast, froze out	14	9	-3	-9	57	-1	-6	-9		
12	4			16	10	-2	-9	61	0	-5	-9		
12	5			17	11	2	-9	63	28	-5	-9		
12	6			20	14	5	-8	65	31	-5	-9		
12	7			23	16	7	-7	68	34	-5	-9		
12	8			26	18	10	-6	71	36	-5	-8		
12	9			28	21	13	-3	74	39	-3	-5		
12	10			No more forecast, froze out	No more forecast, froze out	31	23	17	0	77	42	-1	-2
12	11					33	13	18	-3	80	45	-2	-3
12	12	35	14			1	-4	83	47	-2	-3		
12	13	36	15			0	-5	86	48	-2	-3		
12	14	38	15			0	-5	87	3	-3	-4		
12	15	39	1			-1	-5	88	2	-4	-4		
12	16	40	1			-2	-6	89	2	-4	-5		