

3 December – 9 December 2018 DUCK MIGRATION FORECAST

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OVERVIEW: Temperatures in mid-continent, west of the Mississippi River, decline substantially this week, especially late in the week, providing the longest period of cold weather in this region for several weeks. Snowfall is predicted to be uncommon in the coming week for the Atlantic and Mississippi Flyways. In the Atlantic Flyway and portions of the Mississippi Flyway, the warm-up over the weekend provide substantial flooding and new habitat in many locales. Late this week, a cold front will move down the eastern seaboard.

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 a migration of mallards in the Mississippi Flyway out of the latitude of Iowa is likely in the coming week, especially late in the week starting on Thursday and continuing through the weekend. In the Atlantic Flyway, mallards and black ducks may trickle south later in the week, but a substantial migration is not expected, especially considering the flooded habitat following snow melt that these ducks are likely using as it becomes available. Pintail are predicted to move south out of mid-latitudes this week, possibly showing up in greater abundance in the lower Mississippi and Atlantic Flyways than in weeks past. Other early migrants including gadwall, shoveler, wigeon, and green-winged teal are predicted to make a move into areas south of Memphis, TN in the Mississippi Flyway over the weekend. In the Atlantic Flyway, gadwall migration stalls at around North Carolina, but shoveler, wigeon, and green-winged teal are predicted to continue to trickle into more southern locales.

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
11	26	No more forecast, froze out	25	5	7	-2	-2	5	1	-6	-7
11	27		23	6	7	4	-2	6	5	-2	-3
11	28		18	3	4	3	-8	7	5	-2	-2
11	29		17	2	2	-1	-12	10	6	-3	-6
11	30		18	1	-2	-4	-14	11	7	-4	-9
12	1		19	-1	-2	-8	-13	12	5	-8	-13
12	2	21	0	0	-12	-11	9	-5	-10	-16	
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			7	4	2	-4	14	2	0	-2
12	6			12	10	1	-5	16	3	-3	-5
12	7			15	10	4	-5	22	7	0	-6
12	8			12	8	2	-2	18	5	0	-2
12	9			11	8	3	-1	20	6	0	-2

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
11	26	No more forecast, froze out	62	6	9	-2	-2	34	15	-7	-7
11	27		62	9	10	5	-2	41	21	-3	-3
11	28		58	7	7	5	-9	44	26	-2	-3
11	29		59	8	6	-1	-13	48	28	-3	-7
11	30		62	5	-2	-4	-15	51	30	-4	-10
12	1		65	2	-2	-8	-14	54	22	-8	-14
12	2	69	9	2	-13	-12	52	-6	-11	-17	
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			20	7	3	-5	63	3	1	-3
12	6			27	15	4	-6	67	5	-3	-5
12	7			32	15	7	-5	75	10	0	-6
12	8			30	14	6	-3	72	9	1	-3
12	9			30	15	8	0	76	11	3	-2

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
11	26	No more forecast, froze out	55	3	1	-4	-7	40	20	-6	-8
11	27		57	4	3	-2	-7	46	24	-5	-7
11	28		60	5	4	-1	-8	48	28	-4	-6
11	29		61	8	5	-3	-9	49	30	-4	-6
11	30		64	7	1	-3	-9	50	29	-4	-6
12	1		68	5	2	-3	-10	51	22	-5	-7
12	2	70	11	5	-4	-10	53	-2	-6	-9	
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	5	-1	-9	63	2	-4	-9
12	6			20	7	0	-9	66	3	-5	-9
12	7			24	9	1	-8	69	5	-4	-9
12	8			27	11	3	-6	71	6	-2	-8
12	9			30	13	5	-4	73	8	0	-7

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
11	26	No more forecast, froze out	55	3	1	-4	-7	40	20	-6	-8
11	27		57	4	3	-2	-7	46	24	-5	-7
11	28		60	5	4	-1	-8	48	28	-4	-6
11	29		61	8	5	-3	-9	49	30	-4	-6
11	30		64	7	1	-3	-9	50	29	-4	-6
12	1		68	5	2	-3	-10	51	22	-5	-7
12	2	70	11	5	-4	-10	53	-2	-6	-9	
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	5	-1	-9	63	2	-4	-9
12	6			20	7	0	-9	66	3	-5	-9
12	7			24	9	1	-8	69	5	-4	-9
12	8			27	11	3	-6	71	6	-2	-8
12	9			30	13	5	-4	73	8	0	-7

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

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
11	26	No more forecast, froze out	55	3	1	-4	-7	40	20	-6	-8
11	27		57	4	3	-2	-7	46	24	-5	-7
11	28		60	5	4	-1	-8	48	28	-4	-6
11	29		61	8	5	-3	-9	49	30	-4	-6
11	30		64	7	1	-3	-9	50	29	-4	-6
12	1		68	5	2	-3	-10	51	22	-5	-7
12	2	No more forecast, froze out	No more forecast, froze out	70	11	5	-4	53	-2	-6	-9
12	3			14	9	-3	-9	57	-1	-6	-9
12	4			16	10	-2	-9	61	0	-5	-9
12	5			17	5	-1	-9	63	2	-4	-9
12	6			20	7	0	-9	66	3	-5	-9
12	7			24	9	1	-8	69	5	-4	-9
12	8			27	11	3	-6	71	6	-2	-8
12	9			30	13	5	-4	73	8	0	-7