

## 26 November – 2 December 2018 DUCK MIGRATION FORECAST

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**OVERVIEW:** Temperatures moderate this week across much of the mid-latitude locations in the Mississippi and Atlantic Flyways. Measurable snow is predicted for northern latitudes of the Atlantic Flyway around the Great Lakes region, mostly later in the week. Substantial snow melt has created flooded habitat along rivers and some puddling in fields in the Atlantic 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 a stalled migration of mallards this week throughout much of the Mississippi and Atlantic Flyways this week. Early migrating dabbling ducks are mostly a mid to southern latitudes where our WSI predicts that conditions will not be severe enough to cause substantial movements farther south this coming week. If migration of ducks occurs, it is most likely early in the week prior to Wednesday. As such, ducks may be “stale” during the coming week. However, melting snow conditions and thawing wetlands can create new local habitat and ducks may move locally to take advantage of these food resources.

### 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
11	17	No more forecast, froze out	19	6	2	-5	-11	8	4	-7	-9
11	18		15	8	6	-7	-12	12	4	-6	-8
11	19		23	8	5	-2	-6	8	4	-9	-13
11	20		14	8	3	0	-3	13	6	-5	-8
11	21		16	8	0	-1	-5	16	9	-6	-7
11	22		11	3	-5	-1	-9	19	17	-2	-7
11	23		10	-5	-6	-4	-9	18	15	0	-4
11	24		15	-3	-6	-8	-13	13	6	-4	-4
11	25		22	2	4	-9	-8	4	1	-10	-11
11	26		25	5	7	-2	-2	5	1	-6	-7
11	27	No more forecast, froze out	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	-2	-2	-8	-13	12	5	-8	-13
12	2		21	-1	0	-7	-10	9	2	-10	-12

**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	17	No more forecast, No n froze out	44	14	3	-5	-12	36	28	-7	-9
11	18		40	18	15	-8	-13	42	21	-6	-9
11	19		49	20	15	-3	-6	39	23	-10	-14
11	20		41	21	13	1	-4	47	28	-5	-8
11	21		45	23	5	-1	-6	53	35	-7	-7
11	22		42	7	-6	-1	-9	57	45	-2	-7
11	23		41	-6	-7	-4	-10	58	43	1	-4
11	24		49	-4	-6	-8	-14	54	29	-4	-5
11	25		58	2	5	-10	-9	31	13	-11	-12
11	26		62	6	9	-2	-2	34	15	-7	-7
11	27	No more forecast, froze out	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	24	-8	-14
12	2		69	-1	0	-7	-11	53	20	-11	-13

**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	17	No more forecast, No n froze out	44	14	3	-5	-12	36	28	-7	-9
11	18		40	18	15	-8	-13	42	21	-6	-9
11	19		49	20	15	-3	-6	39	23	-10	-14
11	20		41	21	13	1	-4	47	28	-5	-8
11	21		45	23	5	-1	-6	53	35	-7	-7
11	22		42	7	-6	-1	-9	57	45	-2	-7
11	23		41	-6	-7	-4	-10	58	43	1	-4
11	24		49	-4	-6	-8	-14	54	29	-4	-5
11	25		58	2	5	-10	-9	31	13	-11	-12
11	26		62	6	9	-2	-2	34	15	-7	-7
11	27	No more forecast, froze out	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	24	-8	-14
12	2		69	-1	0	-7	-11	53	20	-11	-13

**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	17	No more forecast, No n froze out	38	14	2	-1	-5	37	27	-6	-6
11	18		39	16	10	-2	-6	39	22	-6	-7
11	19		42	19	13	-2	-6	41	24	-7	-8
11	20		43	21	13	-1	-6	45	28	-7	-8
11	21		45	22	6	-2	-6	49	33	-6	-8
11	22		47	9	0	-3	-8	52	36	-6	-8
11	23		49	2	-1	-3	-9	54	37	-5	-8
11	24		51	2	-1	-4	-9	57	32	-5	-8
11	25		53	2	0	-4	-9	38	20	-6	-8
11	26		55	3	1	-4	-7	40	20	-6	-8
11	27	No more forecast, froze out	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	1	2	-3	-10	51	24	-5	-7
12	2		70	1	3	-3	-9	53	22	-6	-9

**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	17	No n froz	38	14	2	-1	-5	37	27	-6	-6
11	18		39	16	10	-2	-6	39	22	-6	-7
11	19	No more forecast, froze out	42	19	13	-2	-6	41	24	-7	-8
11	20		43	21	13	-1	-6	45	28	-7	-8
11	21		45	22	6	-2	-6	49	33	-6	-8
11	22		47	9	0	-3	-8	52	36	-6	-8
11	23		49	2	-1	-3	-9	54	37	-5	-8
11	24		51	2	-1	-4	-9	57	32	-5	-8
11	25		53	2	0	-4	-9	38	20	-6	-8
11	26		55	3	1	-4	-7	40	20	-6	-8
11	27	No more forecast, froze out	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	1	2	-3	-10	51	24	-5	-7
12	2		70	1	3	-3	-9	53	22	-6	-9