

22 – 28 October 2018 DUCK MIGRATION FORECAST

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OVERVIEW: Temperatures moderate throughout the prairies and upper Midwest of the Mississippi Flyway and remain seasonable in the Atlantic Flyway. No major weather systems are predicted for the coming week. Moderately cold temperatures are forecasted for later in the week throughout eastern North America.

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 WSI predicts little substantial movement this 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, especially by next weekend in both the Mississippi and Atlantic Flyways. These early migrants also are predicted to make movements out of Canada and into New York and points farther south during the coming week. Specifically, areas at the latitude of New York have an increased likelihood of movement of gadwall, wigeon, green-winged teal, and shovelers to areas farther south 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
10	7	3	1	-9	-10	-24	-26	-2	-15	-23	-24
10	8	3	-1	-16	-17	-24	-25	-1	-16	-23	-23
10	9	4	-1	-17	-18	-24	-24	-4	-24	-23	-21
10	10	5	3	-15	-12	-22	-21	-2	-22	-24	-21
10	11	4	4	-7	-5	-14	-15	-5	-17	-23	-20
10	12	6	1	-1	-4	-9	-13	0	-10	-16	-16
10	13	5	2	-8	-8	-8	-16	-1	-6	-10	-15
10	14	8	3	-4	-4	-10	-17	-7	-9	-11	-15
10	15	6	0	-2	-4	-10	-13	-7	-11	-17	-19
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	-2	-8	-9
10	27	11	-5	-6	-8	-8	-12	-3	-5	-9	-10
10	28	12	-4	-5	-7	-8	-11	-4	-5	-9	-10

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	7	8	9	-9	-11	-26	-28	-2	-16	-24	-26
10	8	9	7	-17	-18	-26	-27	-1	-18	-25	-25
10	9	11	6	-18	-19	-26	-26	-4	-25	-25	-23
10	10	12	11	-16	-13	-23	-23	-2	-24	-25	-23
10	11	12	13	-8	-6	-16	-16	-6	-18	-24	-22
10	12	15	10	-1	-4	-10	-14	1	-11	-17	-18
10	13	15	12	-8	-8	-9	-17	-1	-6	-11	-16
10	14	19	5	-4	-4	-11	-18	-8	-9	-12	-16
10	15	17	2	-2	-4	-11	-14	-8	-11	-19	-21
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	-2	-9	-9
10	27	41	-6	-6	-8	-9	-13	-3	-5	-9	-11
10	28	44	-4	-5	-8	-8	-12	-4	-5	-10	-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	7	8	6	-13	-14	-23	-27	-8	-15	-24	-25
10	8	10	5	-14	-15	-24	-27	-7	-17	-24	-25
10	9	11	8	-14	-15	-24	-26	-6	-18	-24	-25
10	10	12	11	-13	-12	-22	-25	-6	-18	-24	-25
10	11	13	10	-11	-12	-21	-23	-3	-17	-23	-24
10	12	14	12	-11	-11	-20	-22	-3	-17	-22	-22
10	13	17	1	-10	-10	-19	-21	-2	-16	-21	-21
10	14	17	3	-9	-10	-16	-19	-4	-15	-20	-20
10	15	21	0	-8	-8	-14	-17	-4	-14	-19	-20
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	-8	-7	-13	-3	-5	-10	-12
10	27	44	-5	-5	-8	-7	-12	-2	-4	-9	-11
10	28	33	-1	-1	-4	-3	-8	1	-1	-5	-7

SHOVELER (WSI threshold = -9)

Month	Day	Manitoba	North Dakota	Michigan	Iowa	Ohio	Tennessee	Ontario	New York	DC	North Carolina
		Churchill	Devils Lake	Green Bay	Des Moines	Columbus	Memphis	Ottawa	Syracuse	Washington	Charlotte
10	7	8	6	-13	-14	-23	-27	-8	-15	-24	-25
10	8	10	5	-14	-15	-24	-27	-7	-17	-24	-25
10	9	11	8	-14	-15	-24	-26	-6	-18	-24	-25
10	10	12	11	-13	-12	-22	-25	-6	-18	-24	-25
10	11	13	10	-11	-12	-21	-23	-3	-17	-23	-24
10	12	14	12	-11	-11	-20	-22	-3	-17	-22	-22
10	13	16	1	-10	-10	-19	-21	-2	-16	-21	-21
10	14	17	3	-9	-10	-16	-19	-4	-15	-20	-20
10	15	21	0	-8	-8	-14	-17	-4	-14	-19	-20
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	-8	-7	-13	-3	-5	-10	-12
10	27	44	-5	-5	-8	-7	-12	-2	-4	-9	-11
10	28	33	-1	-1	-4	-3	-8	1	-1	-5	-7

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

Month	Day	Manitoba	North Dakota	Michigan	Iowa	Ohio	Tennessee	Ontario	New York	DC	North Carolina
		Churchill	Devils Lake	Green Bay	Des Moines	Columbus	Memphis	Ottawa	Syracuse	Washington	Charlotte
10	7	8	6	-13	-14	-23	-27	-8	-15	-24	-25
10	8	10	5	-14	-15	-24	-27	-7	-17	-24	-25
10	9	11	8	-14	-15	-24	-26	-6	-18	-24	-25
10	10	12	11	-13	-12	-22	-25	-6	-18	-24	-25
10	11	13	10	-11	-12	-21	-23	-3	-17	-23	-24
10	12	14	12	-11	-11	-20	-22	-3	-17	-22	-22
10	13	16	1	-10	-10	-19	-21	-2	-16	-21	-21
10	14	17	3	-9	-10	-16	-19	-4	-15	-20	-20
10	15	21	0	-8	-8	-14	-17	-4	-14	-19	-20
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	-8	-7	-13	-3	-5	-10	-12
10	27	44	-5	-5	-8	-7	-12	-2	-4	-9	-11
10	28	33	-1	-1	-4	-3	-8	1	-1	-5	-7