

lands May 20 (HI). "LAWRENCE'S WARBLER": 1 Greenville May 14 (CK). Northern Parula: scarce; only 3 reports. Cerulean Warbler: 1 singing Palmer's Ravine May 27 (TP). Pine Warbler: only 1 report—1 Vos Apr. 16 (RPG). Prairie Warbler: appears to be increasing outside of the Albany Pine Bush. Northern Waterthrush: CR (1 gr); 10 banded VF (RPY). Mourning Warbler: 1 banded May 21 VF (RPY).

WEAVERS-SPARROWS: Orchard Oriole: 1 Meadowdale May 21 (VB). Evening Grosbeak: CR (2 gr). House Finch: continued increase; CR (6 gr). Henslow's Sparrow: 2 Five Rivers May 8; 5 singing Altamont May 22 (KA). Vesper Sparrow: thru Apr. (JC); CR (1 gr). White-crowned Sparrow: mild invasion; CR (6 gr). Fox Sparrow: another invader; unusually high number. Lincoln's Sparrow: 9 banded VF (7 on May 21) (RPY).

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REGION 9 — DELAWARE-HUDSON

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The warming trend in February continued into March, and about all of the lakes and Hudson River were well free of ice by the start of the season. The warmer than usual weather in March and April had the foliage well out by the third week in April. The last week of that month saw shrubs such as azalea and lilac in blossom a good three weeks early. The Mohonk Weather Station reported winter snows a good three feet (91.5 cm) above average and what with a 2.3 inch (5.5 cm) rainfall March 22 that amounted to as much as 13-16 inches (33-40.6 cm) of snow in the mountains, the drought of April and May was barely felt. The mean temperature for May was some 4.3° F (2.4° C) above the 80 year average.

In spite of the relatively good weather, the migration ranks with the poorest on record. Breeding birds seemed to arrive on time, but the transients thru the area were late and in very small numbers. Many active birders reported missing some species entirely, and seeing only one or two representatives of others. This was especially true of warblers. Most active birders could not recall any waves, and the only thing that resembled one took place in Dutchess Co. on Apr. 27, 28, 29. Shorebirds were poor, with the max number and species occurring on May 14. Sparrows were normal to better, but thrushes were way down. May 31 seemed to be a good day for the herons when four species were observed in the Cornwall Bay area.

Data from the Hook Mt. Hawk Watch is included with this report. The mountain was covered for 3 days in March, 20 in April and 2 in May; a total of 25 days. Total number of hours reported was 140.5. Total Hawks—1595. Best days were Apr. 16—192, Apr. 17—70, Apr. 18—101, Apr. 28—340, Apr. 29—180, and Apr. 30—253. Numbers fell to 5 on May 1, and 11 on May 2. 50% of the total observed came thru on the last 3 days of April. Winds on the six best days were northwest to north except Apr. 28, the best day, when they began south and went to northwest by 1 p.m.

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Abbreviations: CB—Cornwall Bay; CP—Croton Point; HMMW—Hook Mt. Hawk Watch; MC—Marshlands Conservancy, Rye; PL—Playland, Rye; USMA—U.S. Military Academy, West Point; WC—Waterman Bird Club Census, Dutchess Co. May 14; first four or five letters of each county.

LOONS-DUCKS: Common Loon: usual few high flying migrants in April and early May. Horned Grebe: last May 12 CP and May 14 Dutch. Pied-billed Grebe: surprising low in E. West. Max 7 Katonah Res. Mar. 20. Double-crested Cormorant: more than usual. Arr L.I. Sound area Mar. 21. On Hudson from CP to CB thru April. Four Vanderburg Cove Dutch May 3 were unusual (MVW,EP). Little Blue Heron: 1 Moodna Marsh Cornwall May 4 (TS). Cattle Egret: more than ever. Arr several areas Apr. 18-19. Max 12 Valley Cottage May 5, and 7 CP Apr. 19, 1 obs swallowing a mouse at Hamptonburg, Oran May 17 (EDT). Great Egret: unusual in spring. 1 over Pleasant Valley May 25, and 3 CB May 31. Snowy Egret: excellent numbers, 4 PL from Mar. 29. 1 CB May 4 and 9 there May 31. Black-crowned Night Heron: returned to PL Mar. 25. 1 imm CB May 31. 2 on WC. Yellow-crowned Night Heron: returned to MC Mar. 26. Least Bittern: 1 Cruger's I Apr. 30. Late most other areas. Unreported Moodna M till late May. Glossy Ibis: 6 at MC on Apr. 7. Ducks were disappointingly low even though all lakes and streams were open at the start of the season. Mute Swan: the flock usually obs at CP was reduced to only a few, possibly due to Feb. oil spill. Canada Goose: many flights from Mar. 20. Max more than 3,000 Mar. 30 over Dutch. Residents hatched by May 1, but it appears that very few survived the period. Brant: first 500 May 15 over Iona I, early. Sev hundred more over P'kpsie May 29. **WHITE-FRONTED GOOSE:** 1 Rockland L Feb. 27 (Greenland race; BW), 1 Amenia Apr. 10-19 (WTS,mob) might well be the same bird. Snow Goose: ab 750 over Hook Mt. Apr. 11. Singles in Dutch Apr. 8, 30. Green-winged Teal: fem with 5 imm Salt Point from May 14 (CT). Max 42 Goshen Mar. 25 (KM). Redhead: failed to return to Tarrytown Res. where there are usually ab 20 each spring. Usual few on Wappingers L from Mar. 13-28. Ring-necked Duck: max 140, Trinity Res Pound Ridge Mar. 27. Canvasback: max 400 PL Mar. 20. Last there Apr. 18. 100 on Hudson R at Cruger's I Mar. 12 was largest count in Dutch. Hooded Merganser: fem with young at Stanfordville thru May. Common Merganser: max 100 Rondout Res Mar. 12.

HAWKS-ALCIDS: Turkey Vulture in E. Dutch. Earliest migrant there Mar. 11. Goshawk: more than ever before. Active nests in Dutch in Apr., Sterling Forest in Apr. and Harriman Park in May. 1 South Salem Apr. 10. HMHW total 9, max 3 Apr. 28. Sharp-shinned Hawk: singles reported many areas thru period. HMHW total 205, max 65 Apr. 28. Cooper's Hawk: HMHW 4. Singles there on each of Apr. 6 and 13, and 2 on Apr. 28. 2 over Wurtsboro Apr. 30 (EDT). Red-tailed Hawk: HMHW 26; most probably went thru before count started. Numbers excellent thru region. Red-shouldered Hawk: singles from Port Chester Mar. 13 and Kensico Res Mar. 27. HMHW 28, 13 on Mar. 17. Broad-winged Hawk: HMHW total 961, 243 on Apr. 28. **GOLDEN EAGLE:** 1 Breakneck Ridge Mar. 15 (Dan Nickerson), 1 HMHW Mar. 6 (Paul Bernath). Bald Eagle: none on HMHW. 1 ad Neversink Res Mar. 12, 1 over Wawarsing May 30 (JCO). 1 ad Lamontville, Ulst May 7 (Jim & Marjorie Dunbar). Marsh Hawk: HMHW had 22, max 5 on Apr. 6. A male and female at Galeville Airport Apr. 9. Female there Apr. 23 (KM). Osprey: HMHW 50, max 15 Apr. 28. 10 at Constitution I Apr. 24. 1 still there May 22. 10 in Dover area thru much of Apr. **PEREGRINE FALCON:** imms at Hook Mt. Apr. 19, 20 possibly the same bird. Merlin: 1 Briarcliff May 15 (Art Gingert). HMHW had singles on Apr. 10, 11, 30. Am. Kestrel: HMHW had 86, 21 on Apr. 18. Bobwhite: none. Turkey: 1 Wawarsing May 25, 4 Dover Apr. 18. King Rail: 1 Millbrook School May 18-31 (mob). Common Snipe: first Mar. 9 Skidmore Sanct. Dutch. Exc nos by end of month. Max 20 Chester Apr. 9, 25 Wallkill Apr. 10. Upland Sandpiper: first Blue Chip Farm, Wallkill Apr. 16, inc to 4 Apr. 23. Spotted Sandpiper: max 10 CP May 12. Pectoral Sandpiper: first Apr. 9, max 22 Wallkill Apr. 10, this no. reduced to 16 by Apr. 24. Least Sandpiper: max 50 CP May 5. **ICELAND GULL:** Mar. 2 on Hudson near New Hamburg. Also Wappinger's L on Mar. 3. Possibly the same bird. 1 CP Apr. 16 (KM). Laughing Gull: arr Dobb's Ferry Apr. 18. None up river thru period. Bonaparte's Gull: 1 Wappinger's Cr. Mar. 5 (KM). 1 CP May 1 (KM). Black Tern: 2 Bashakill May 12, 13 (KM).

PIGEONS-WOODPECKERS: Short-eared Owl: 3 Galeville Airport Apr. 9. 2 still there Apr. 18 (EDT). Com. Nighthawk: missed on WC. No major flights reported, but in good

numbers over Newburgh by mid-May. Chimney Swift: 1 Traver's Marsh, Dutch Apr. 7, early. Ruby-throated Hummingbird: first Apr. 26 New Paltz (Hans Weber). Com. Flicker: small numbers all winter, large movement in Dutch Mar. 30, 31. Red-bellied Woodpecker: a few resident birds in every county, some coming regularly to suet feeders. Red-headed Woodpecker: only 1 from Dutch May 7, but numbers good in Oran. Max 7 Wallkill Apr. 30. Yellow-bellied Sapsucker: only singles reported thru Apr. in Dutch.

FLYCATCHERS-STARLINGS: Eastern Kingbird: first May 1 sev areas. Max 8 Salt Point May 10. Great Crested Flycatcher: first May 6 Canoe Hill and 7 Cruger's I May 7. About the only flycatcher in normal numbers, all others reduced. Eastern Phoebe: first Mar. 16, all reporters say numbers down. **ACADIAN FLYCATCHER:** nesting again at Deep Hollow, and in two places at Pond Gut, all Dutch. First reported May 22, Alder Flycatcher: none. Willow Flycatcher: first May 22 Millbrook, late. Least Flycatcher: very scarce all areas, WC reports 18, usual average 40. Olive-sided Flycatcher: only 1, May 13, Dutch (W, TS). Tree Swallow: 1 Mar. 13 Traver's Marsh, another same date Wappinger's L. FG found 26 dead in bluebird boxes in Dutch dur May. Bank Swallow: first Cruger's I Apr. 23. Rough-winged Swallow: first 2 Stissing Apr. 10, 5 Wallkill Apr. 18. Barn Swallow: 1 Smithfield Apr. 6. 2 Rockland L Apr. 8 (BH). Hundreds over Cruger's I Apr. 23. Cliff Swallow: first 2 South Bay, Cruger's I Apr. 23. 10 Croton Dam colony May 12. Purple Martin: several Oran colonies did not return; first Dover Plains Mar. 30 was very early; only 7 on WC. Fish Crow: more than ever; established in usual places. Max 10 P'kpsie Mar. 24; 20 there Apr. 17. Black-capped Chickadee: most report lower numbers this year. Brown Creeper: also lower. Winter Wren: 4 on Clove Mt. Dutch Apr. 4. 1 Thompson Pd Apr. 8 was attracted to an owl tape. Carolina Wren: reported scarce in Region 10, but came thru the winter well in Region 9. As many or more than ever. Heinz Meng reports good numbers in the New Paltz area. Mockingbird: singing everywhere. 4 young in nest at Salt Point by Apr. 29. Brown Thrasher: seems down. First Weyant's Pd. Apr. 12. Am. Robin: good migration. Everywhere by Mar. 26-27. Wood Thrush: first Newburgh Apr. 26. Numbers normal after May 1. Hermit Thrush: unusually low after very large movement of last fall. Swainson's Thrush: max 6 in Rock May 16 (GB). Gray-cheeked Thrush: unreported. Eastern Bluebird: WC had 7, usual avg 14. Blue-gray Gnatcatcher: continues to increase, reported everywhere by mid-Apr. Water Pipit: very few. First 2 Cornwall Mar. 20. Northern Shrike: 1 Cruger's I Mar. 6 and Mar. 12. Same location as last Dec. and Jan.

VIREOS-WARBLEDERS: White-eyed Vireo: 2 locations at Millbrook School by May 1. 1 Vassar College May 11, another Pleasant Valley May 19, and at usual location on Mine Rd. USMA by May 22. Yellow-throated Vireo: first Salt Pt. May 3. Numbers only fair afterward. Red-eyed Vireo: May 3 Salt Pt. was early. Warbling Vireo: first May 3 P'kpsie, numbers down. "Lawrence's Warbler": more than usual. Males returned for fourth year at Brinton Brook, Croton; and third year at Sprain Ridge, Ardsley. 1 on WC at Sharparoon. Tennessee Warbler: first May 5 in Dutch. No one reported more than 3 in any day. Last May 21. **ORANGE-CROWNED WARBLER:** 1 very well observed and described by competent birders on Hook Mt. Apr. 18. Obs for 10 min in good sunlight from 40-60 ft. with 8x glasses. All marks obs incl crown color (John Irvine, Hugh Martin). Nashville Warbler: first Apr. 29, Dutch, last May 18. Only a few reported. Magnolia Warbler: first May 6, last May 19. Only 8 reported in Dutch. Usually that many in a single day in other years. Cape May Warbler: first May 6, last May 19. Only 6 in Dutch for period. Yellow-rumped Warbler: first Mar. 9. Usual numbers. Cerulean Warbler: first Rhinebeck May 7. Nest obs May 11. None on Cruger's I where they nested for years. Colony at Weyant's Pd, USMA seems somewhat increased to about 6 pr. 1 Pine Swamp, Harriman Pk May 16. Pine Warbler: first Apr. 2 Nyack and P'kpsie. 5 reports in April, last Apr. 28 Cruger's I. Prairie Warbler: numbers seem normal to better. In good numbers along Mine Rd. USMA. 3 Perkins Drive, Bear Mt. Pk. was a new location May 16 (GB). Northern Waterthrush: numbers seem up. Still coming thru West May 28-30. Louisiana Waterthrush: 1 near Pleasantville Apr. 4 was very

early (BH). **KENTUCKY WARBLER:** 1 MC Apr. 23, another Elmsford Ridge, Tarrytown from May 14 and another a half mile away May 31 (BW). Mourning Warbler: 1 MC May 24, 25. Yellow-breasted Chat: 1 Wawarsing from May 7, another Mine Rd. USMA from mid-May.

WEAVERS-SPARROWS: Orchard Oriole: more than usual; first Apr. 28 P'kpsie. A nesting pair near Salt Point from May 14. Northern Oriole: first Apr. 22. Scarlet Tanager: normal numbers from May 6. Rose-breasted Grosbeak: first Wawarsing Apr. 25, normal. **BLUE GROSBEEK:** 1 male Brinton Brook, Croton May 14 (Jed Kiel). Indigo Bunting: excellent from mid-May. **DICKCISSEL:** 1 at South Salem feeder from Mar. 1 thru Apr. Another in Dutch Mar. 9. Evening Grosbeak: most left southern part of region in late Feb. Last at Stissing on May 12. Purple Finch: good numbers at feeders thru region to mid-Apr. Pine Siskin: absence of winter continued into spring. Only 1 or 2 reported. Savannah Sparrow: max 13 Wallkill Apr. 16 (KM). Grasshopper Sparrow: 3 at new location of Stewart Air Field May 18 (KM). Vesper Sparrow: first Wawarsing Apr. 8. Max 5 Wallkill Apr. 30. "Oregon Junco": 1 Millbrook School Mar. 24 (HM). Tree Sparrow: last Apr. 17 in Dutch. White-crowned Sparrow: many on May 14. First May 6 in Dutch. Last May 18. White-throated Sparrow: large numbers thru mid-May, with excellent movement in mid-Apr. Fox Sparrow: last Apr. 17 in Dutch. Lincoln's Sparrow: only reports 2 Wawarsing May 16 and 1 Montrose May 14.

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REGION 10 — MARINE

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After a record cold winter, an early spring was a welcome event. The resultant early May leaf cover extended to the barrier beaches where deciduous leaf cover usually lags two weeks behind that on the mainland. Since the deciduous trees are sparse on the barrier beaches, in late springs there is little evidence of bird migration there, but this spring was different. May was extremely dry and warm, although a heavy rain fell on May 9, accompanied by hail and snow.

Weather data for the period:

	High Temp.	Low Temp.	Precip.
March	55.0 F (12.7 ⁰ C)	38.5 F (3.6 ⁰ C)	7.41 in. (18.8 mm)
April	63.4 F (17.4 ⁰ C)	43.8 F (6.5 ⁰ C)	3.75 in. (9.2 mm)
May	75.1 F (23.9 ⁰ C)	55.0 F (12.7 ⁰ C)	1.71 in. (4.3 mm)

There was a paucity of reports of the species that winter in southern United States, such as bitterns, herons, rails, Tree Swallows, wrens, and Hermit Thrushes. The very severe winter may be the reason. Carolina Wrens seemed especially hard hit, with only two reports from the area.

Forest Park in Queens County continues to be the premier spring passerine hot spot in Region 10. Reports of "clouds of birds," "hundreds of birds," were cited describing the bird activity in this park.

Notable wave days occurred on May 6, May 15 and May 18. After May 18, although southerly winds were present on given days, no heavy sustained flights took place, and migration continued fitfully thru the end of the period.