

## **PRE-BREEDING MIGRATION**

*In the first days of February the first flocks were already being seen migrating northwards:*

- 01/02/23: 53 over Daroca (Z) Gonzalo Pérez.
- 03/02/23: 35 over Ayerbe (HU) Pablo Vallés; 10 over Talavera de la Reina (TO); 17 over El Campillo lagoon (M) Antonio Espinosa.
- 04/02/23: 400 over Figueruelas (Z) María Berna; 20 over Villaviciosa de Odón (M) José L. Machuca, M<sup>a</sup> José M. Cenamor; 14 over Cañamero (CC) Raquel Lozano, Hugo Sánchez.
- 05/02/23: 83 circling over Cubillo de Ucedo (GU) Carlos Arroyo; 80 over Jirueque (GU) Vicente Peinado; 500 over Buendía reservoir (GU) Ricardo Rodríguez.
- 06/02/23: 214 over Riglos (HU) Pablo Vallés.
- 09/02/23: 31 over Cantalojas (GU) Fernando Gomez (DALMA).
- 10/02/23: 70 set off from Montmesa (HU) Pablo Vallés; 37 over Pamplona (NA) Rajen Ayerra; 150 over Torrejón de Ardoz (M) Mireia A.F.; 56 over Quintanilla del Agua (BU) Israel Yáñez
- 11/02/23: 71 over Sasa de Abadiado (HU) Jorge Lardiés; 60 over Sangüesa (NA) Javi Sola; 63 over La Nava lagoon (P) Fernando Jubete Guzón; 300 set off from Gallocanta lagoon (TE/Z), where 200 arrived, José M. Pueyo; 134 over Santa Bárbara pass, Bailo (HU) Alberto Giménez; 32 over Daroca (Z) Adrián Sánchez; 28+104 over Burgos, Rafael Díez; 93 over Mecerreyes (BU) Javier Otal; 90 over Palacios de la Sierra (BU) Juan I. Martínez.
- 12/02/23: 2 over Campos del Río (MU) Miguel Escudero; 59 over Sigües (HU) Alberto Pastoriza; 150 over Cásedo (HU) Javi Sola.
- 13/02/23: 60 over Torrelodones (M) Laura Ferreyra; 80 over Fresnedillas de la Oliva (M) Juan J. Iglesias; 78 arrive at 19:30h at Beleña lagoon (GU), which several flocks went over during the day, Carlos Paulos (DALMA); 108 over Alto de la Varga (BU) Rafael Díez, César Díez; 125 over Montuenga (BU) Alberto Fernández; 12 over Pedraja del Portillo (VA) Samuel de la Calle; 200 over Villaconejos (M) Susana R.; 30 over Ciempozuelos (M) Edmund Bell.
- 14/02/23: 120 over Simancas (VA) Teresa Tasis; 351 over Quintanilla del Agua (BU) Israel Yáñez; 40 over Páramo del Arroyo (BU) and 5 over Villarmentero (BU) Diego Santamaría, Aitana Barroso; 26 over Miranda de Ebro (BU) José L. Lobo; 110 over Valladolid, Alejandro Rebollo; 130 arrive at 18:34h. at Atapuerca lagoon (BU) Fede Sancho; 200 at Beleña lagoon (GU) Raúl del Amo.
- 15/02/23: 50 over Atapuerca lagoon (BU) Diego Santamaría; 500 over Martiola (AR) Pablo Verona, Mikel Salvador; 55 over Ugena (TO) Javier Gómez; 670 over Montuenga (BU) José M<sup>a</sup> Ayuela; 220 over Campos de Rocaforte (NA) Jesús Mari Lekuona, Moises Zozaya; 822 over Alto Sangüesa (NA) Jon Sola; 800 over Sotés (LR) Carlos González.



Image nº: Cranes at Atapuerca lagoon (BU). Photo: Fede Sancho

-16/02/23: 150 over Guadalajara, Jesús Alonso; 70 over Marchamalo (GU) DALMA; 180 over Valdetorres de Jarama (M) Luis Carretero, Johnathan Dadds; 400 over Velilla de San Antonio (M) Carlos Guillén; 55 over Barajas airport (M) Evan Banker; 400 over Velilla de San Antonio (M) Manuel Vega; 170 over Tres Cantos (M) Gustavo Sánchez; 30 over Escoriaza (G) Julen Santa Cristina; 2,000 over Chapinería (M) Jesús Morena; 123 over Roncal (NA); 120 over Valdemorillo (M) Manuel Rodríguez; 23 over Rivas Vaciamadrid (M) Lorenzo García; 100 over Cubas de la Sagra (M); 434 over Valmayor reservoir (M) Manuel Vega, Johnathan Dadds, Carlos Guillén; 50 over Titulcia (GU); 153 at La Guardia lagoon (TO) Juan Parra.

-17/02/23: 5,000 over Chércoles and 2,000 at Monteagudo de las Vicarias reservoir (SO) Ángel Rubio; 120 over Fuensauco (NA) Cruz Sevillano; 180 over La Oliva monastery (NA) Jesús Ucha; 100 over Alfaro (LR) Borja Sanz; 120 over Sotos de Alfaro (LR) Andrés de la Torre; 250 over Arandilla (BU) Víctor Martínez; 650 over La Dehesa park (M) Gema Pérez; 200 over Tomelas (M) María Berna; 150 over Madrid, Christophe Pontegnie; 240 over Velilla de San Antonio (M) Antonio Espino; 120 over Hoyo de Manzanares (M) Carlos Guillén; 110 over La Pedrezuela reservoir, Guadalix de la Sierra (M) Jesús Ruíz; 250 over Las Rozas (M) John Muddeman; 40 over Pioz (GU) Manuel Martínez; 3,500 over Sacedorbo (GU) Javi Gómez; 150 over Alcalá de Henares (M) Sara Piquet; 150 over Pamplona (NA) María Durán; 150 over Garimoain (NA) Héctor Díaz; 675 over Griñón (M) Delfín González; 200 over Arbaiun gorge (NA) and 280 over Alto de Iso (NA) Gorka Gorospe.

-18/02/23: 300 over Berriozar (NA) José Ardaiz; 1,100 at Cubillo lagoon, Cubo de Hogueras (SO) in the morning, 512 at Herrera lagoon, Aldealaduate (SO) and 85 at Guarrera lagoon, Tardajos de Duero (SO) Juan L. Hernández; 300 arrive at Gallocanta lagoon (TE/Z) Carmina Franco; 500 over Calahorra (LR) Jesús Ucha; 30 over Oiartzun (G) Alain Loperena; 190 over Valdetorres de Jarama (M) Alejandro Fernández.

-19/02/23: 42 over Oláriz (NA) Héctor Díez; 40 over El Retiro (M) Chemi Ibáñez; 2,479 set off from Sotonera reservoir (HU), although 974 return, María Berna, Pablo Vallés *et al.*



Image nº: Flock of cranes taking a thermal to initiate migration at Almudévar (HU). Photo: José A. Román