

*An intense week for migration, with large movements from the wintering areas towards the north-east, favoured by a change in the wind and weather patterns, with an Atlantic front arriving in the second half of the week. The massive departure began on the 21<sup>st</sup> and continued resolutely to cross the Pyrenees.*

-20/02/23: 144 over Agudo (CR) Raquel Ramiro; 200 over Callen (HU) Silvia Duque; 160 over Fuenlabrada (M) Lucía Andrade; 11 over La Nava (P) Fernando Jubete Guzón; 80 over Alfaro (LR) Fede Sancho; 2,000 over Cambrillos del Molino (TO) Javier Nicolau; 323 over Palacios de la Sierra (BU) Rufino Fernández; 960 at La Aldea del Obispo (CC) Neil Renwick; 2 in rice fields at Sueca (V) Toni Alcocer.

-21/02/23: 1,500 migrating over Montánchez (CC) Antonio Calvo, Francisco Lopo; 145 over Badajoz, Gloria López; 100 over Campanario (BA) Manuel Maximiano; 60 over Belalcázar (CO) Pedro; 160 over Mostóles (M) and 115 over the River Guadarrama (M) José A. Román, Luis Asuar; 200 over Tablas de Daimiel National Park (CR) Daniel Merino; 500 over La Casa de Campo (M) Natalia Franco, José A. Sánchez; 100 over El Marqués stream (M) José M. Ruíz; 42 over Navalespino reservoir (CO) Miguel Corvillo; 350 over Villanueva del Pardillo (M) Patricia Alonso; flocks arriving at Gallocanta lagoon (TE/Z) Antonio Torrijo; none leave Sotonera reservoir (HU); 850 over El Pardo (M) Adolfo Rodríguez (GOEP); 90 over Mirandilla (BA) Mariano Cabrero; 500 over Navas del Rey (M) Rubén Bautista; 52 over Agudo (CR) Raquel Ramiro; 300 over Huetos (GU) Fernando Canalejas; 1,800 over Marchamalo (GU) Carlos Paulos (DALMA); 200 over Torralba de los Frailes (Z) Antonio Torrijo; 1,100 over Brihuega (GU) Arón Blázquez, Chema García; 250 over Cabanillas del Campo (GU) José L. Arias (DALMA); 400 over Navas de Estena (CR) Jacqueline Cartigny; 197 over Baztán (NA) Xavier Etxarri; around 8,000 arrive at 17:00h at Gallocanta lagoon (TE/Z); 360 over Alonso de Ojeda (CC) Arturo Esteban; 74 over Cornalvo reservoir (BA) José L. Machuca, M<sup>a</sup> José M. Cenamor; 100 over Villanueva de Bogas (TO) María Fernández; 500 Olivares (TO) Pepe Buendía; 1,300 over Aranjuez (M) José A. Sánchez; 500 over Las Matas (M) José E. Mateos; 293 over Las Rozas (M) David Guillén, Mónica Carrasco, Fernando Guerrero; 2,530 over La Casa de Campo (M) Mónica Carrasco, José Zamorano, José M<sup>a</sup> Paraiso; José Martín, Marce Martín; 180 over Madrid, Gorka Gorospe; 200 over Valdeolmos (M) Paul Huibers; 340 over Cabanillas del Campo (M) Sofía García; 600 over Renera (GU) Susana Alcolea; 4,000 over La Vera (CC) Dave Langlois; 12,250 over Arrocampo reservoir (CC) Seppo Hjerppe; 400 over Lagartera (TO) César Clemente; 1,000 over Velada (TO) Marcos Rodríguez; 300 over Borox (TO) Miguel García; 520 over Madrid, Robert Wilson, Christophe Pontegnie; 450 over Puebla de Beleña (GU) DALMA; 1,350 over Trujillo (CC) Carmen Pérez-Aloe; 1,000 over Madrid, Jesús Risueño; 300 over Meco (M) Lorenzo Rodríguez; 360 over Vallecas (M) Blas Molina; 130 over Garciaz (CC) Ana Teno; 77 over Illescas (TO) Leandro Andrade; 60 over Ugena (TO) Sonia Núñez; 2,000 over Arroyomolinos de Montánchez (CC) Antonio Nieto



Image nº: Flock of cranes leaving on migration. Photo: José A. Román.

-22/02/23: 572 over Cabanillas del Campo (GU) José Luis (DALMA); 350 over Guadalajara; 500 over Iriepal (GU) F.J. Calvo; 452 over Guadalajara, Fernando García; 500 over Alcalá de Henares, Juan J. Calvo (DALMA); 440 over Guadalajara, David Velliska; 80 over Alcalá de Henares (M) Vicente López; 2,500 over Santa Amalia (BA) Gustavo Gahete; 1,983 over Trujillo (CC) Seppo Hjerpe; 160 over Villarroya de la Sierra (Z) and 175 over Torrijo de la Calzada (Z) Marco A. Escudero; 250 roost at Yesa reservoir (HU/NA) Javier Artieda; 4,539 over Largartera (TO) César Clemente, Jesús Ortiz; 300 over Aranjuez (M); 750 over Ugena (TO) Johnathan Dadds, Javier Paricio; 700 over the River Manzanares (M) Rafa Al, J.G.; 640 over La Casa de Campo (M) Toni Alonso, Ander Álvarez, Raúl Marín, Enrique Villaespesa; 180 over Madrid, David Valentín; 6 over El Escorial (M) José M. Altares; 200 over Colmenar Viejo (M) Alf Ortega; 600 over Azuqueca de Henares (GU) Agustín Mariscal; 400 over Daganzo de Arriba (M) Beatriz Cortés; 100 over Las Lagunillas, Gárgoles de Arriba (GU) Patricia Sancho; 12 over Cuenca, Álvaro Patiño; 500 over Huertas de la Obispalía (CU) Pau Soler; 3,000 over Daroca (Z) Adrián Sánchez; 4 over Palacios de Alcor (P) César Díez; 1,235 set off from Medellín (BA) and 315 over the River Búrdalo (BA) José A. Román; 354 over Los Blázquez (CO) Marga Martín; 250 over Cáceres, Fernando Sánchez; 240 over La Granjuela (CO) Miguel Carrasco; 450 over Garrovillas de Alconetar (CC) Francisco Lopo; 300 over Villa de Don Fadrique (TO) María C. Comendador; 263 over Cervera del Río Alhama (LR) Lidia Roncero; 300 over Artieda (Z) and 704 over the Roncal Valley (HU) Javier Artieda; 3,319 over Las Rozas (M) Juan P. Fresno; several hundred set off from Gallocanta lagoon (TE/Z) Carmina Franco; 500 over Alcalá de Henares (M) Vicente López; 650 over Villanueva del Pardillo (M) Patricia Alonso; 178 over La Aldea del Obispo (CC) Neil Renwick; 500 over Leganés (M) Alfredo Mirat; 370 over Guadalajara, DALMA; 215 over Aguas Vivas (CU) Jesús; 750+ go over Riglos (HU) Pablo Vallés; 50 over Béjar (SA) M<sup>a</sup> José Benítez; 500 over Ruecas

(BA) M<sup>a</sup> del Mar Román, Jesús Hernández; 300 over Naval Moral de la Mata (CC) Javier Briz; 80 over Jirueque (GU) Vicente Peinado (DALMA); 1,050 over Cabanillas del Campo (GU) Fernando García; 1,050 over Recas (TO) David Martín (ARDEIDAS); 1,000 over Barajas (M) José A. Buendía (ARDEIDAS); 600 over Candeleda (AV) Antonio Alía (ARDEIDAS); 90 over La Val d'en Bas (GI) David Batlle; 1,989 over Villanueva del Pardillo (M) Mariajo Caballero; 4 over Ivars d'Urgell (LL) Joan Rodríguez; 121 over Almenar (LL) Joan Estrada; 102 over Loza reservoir (NA) Julen Santa Cristina; 200 over Caspueñas (GU) Carmelo (DALMA); 1,070 over Cabanillas del Campo (GU) Fernando Gómez; 550 over Zaragoza; 450+ over Colmenar Viejo (M); 100 over Villaviciosa de Odón (M) Mark Davis; 300 over Las Rozas (M) Carmen Serralle; 135 over Valdebebas (M) Beatriz Martín; 300 over Meco (M) Lorenzo Rodríguez; 124 over Abay (HU) Daniel Barceló; 100 over Las Lagunillas (GU) Patricia Suárez; 34 over Sierra de Fuentes (CC) José M<sup>a</sup> Benítez.



Image n<sup>o</sup>: Cranes migrating over Santa Amalia (BA). Photo: Gustavo Gahete.

-23/02/23: 91,000 are censused during the morning at Gallocanta lagoon (TE/Z) and 52,000 leave; during the afternoon 76,122 are censused S.A.R.G.A.; 25 over Brozas (CC) Elvira Cano; 150 over Los Blázquez (CO) Marga Martín; 1,700 over Pozuelo de Alarcón (M) José A. Fimia; 70 over Hinojosa del Duque (CO) J. Felipe Flores; 190 over Almodóvar del Río (CO) Manuel Moral; 500 circling at La Muela (Z) María Berna; 402 over Cabanillas del Campo (GU) Crix (DALMA); 100 over Fuentes de Ebro (Z) Javier Domínguez; 150 over El Pardo (M) Marcos Escuredo (GOEP); 220 over Guadalajara, Sergio López; 200 over Yunquera de Henares (GU) Ana Herrero; 150 over Guadalajara, Fernando Gómez (DALMA); 32 over Mata de Alcántara

(CC) Fernando Sánchez; 160 over Torrejoncillo del Rey (CU) Rocío; 240 over Movera (Z) José L. Rivas; 1,000 over Velada (TO) Luna Redondo; 390 over Titulcia (M) Antonio Mansilla; 1,000 over Villaviciosa de Odón (M); 200 over the River Manzanares (M) Rafa Al; 90 over Madrid, José L. Manzanero; 300 over Alcobendas (M) Pablo Pozo; 100 over Villafranca de Ebro (Z) Alfredo García; 16 over Roses (GI) Oriol Clarabuch; 200 over Los Santos de la Humosa (M) Javi Rejos (DALMA); 400 over Marchamalo (GU) Carlos Paulos (DALMA); 500+ over Yunquera de Henares (GU) Fernando Gómez; 175 over El Retiro (M) Juan C. Rubio; 60 over Puerto Peña (BA) José L. Bautista, Martín Kelsey, 2 over Mediana de Voltoya (AV) Paco García; 12 over Abertura (CC) Carl Dawning; 750 over Ricla (Z) Javier Traín; 1,000 over Daroca (Z) Adrián Sánchez.



Image nº: Flock circling over the River Guadiana (BA). Photo: José A. Román.

-24/02/23: At least 50,000 set off from Sotonera reservoir (HU) Pablo Vallés; 4,000+ at Buendía reservoir (GU) Carlos Arroyo (DALMA); Ricardo Rodríguez; 314 over Monfragüe National Park (CC) José Leal; 170 over Hinojosa del Duque (CO) J. Felipe Flores; 500+ over San Miguel de Vanero (SA) Jorge Giner-Abatí; several hundred over Javiejarray (HU) Lily Robles; 93+190 over La Almolda (Z) Conchi Esteban; 180 over La Encomienda stream (VA) Fermín Aguado; 80 over La Aldea del Obispo (CC) Neil Renwick; several thousand over Luesia (Z) Eva Rubio; 100 over Fraga (HU) Alejandro Enredh; at 15:20h new flocks arrive at Gallocanta lagoon (TE/Z) Carmina Franco; 1,666 over Ejea de los Caballeros (Z) Javier López; 115 over Bujaraloz (Z) Conchi Esteban; 325 over El Carrascalejo (BA) Agapito J. Verde; 400+ over Cornalvo natural park (BA) Jesús Valiente; several hundred over Torrejón el Rubio (CC) José M<sup>a</sup> Rojo; 800+ enter the Roncal Valley (HU) Javier Artieda; 600 over Soria, Juan L. Hernández; 362 over Cabanillas del Campo (GU) Fernando Gómez; heard at Puebla de Beleña (GU) Juan J. Calvo (DALMA); 800+ roost at Yesa reservoir (Z) Javier Artieda; 80

over Jirueque (GU) Vicente Peinado (DALMA); 360 over Cabanillas del Campo (GU) Jose Mari (DALMA); 70 over Navàs (B) Joan Gimestells; 17 over Manlleu (B) Albert P. Font; 70 over Torrecillas de la Tiesa (CC) Fabio Mancolín; 190 over Peña Falcón, Monfragüe National Park (CC) Sergio Mayordomo, César Quijada; 308 over Monfragüe National Park (CC) Xabier Vázquez, Juan F. Fernández; 400 over Arrocampo reservoir (CC) Fátima Garrido, Toni Pons; 600 over Escalona (TO) John Muddeman; 2,684 arrive at Sotonera reservoir (HU), where there are 10,000 birds, José M. Canudo, Jorge Lardiés; 4,956 go over La Loteta reservoir (Z) and 2,727 that were migrating come down to roost, María Berna; 39 roost at El Hoyo lagoon (AV) Arón Blázquez; 100 over Torellò (B) Susanna Crosas; 110 over Sant Vincent de Torellò (B) Lluís Copete; 300 over Aranjuez (M) Diego Martínez, Silvia Wandosell; 50 over Torrejón de Velasco (M) Jesús Ruiseño; 1 at El Raso lagoon (VA) Toni Alonso; 35 over Valladolid, José L. Gallego; 20,000 over Longues (Z) Ricardo Pérez; 54 over Bartuenga (HU) Juan C. Albero; 30 over Huesca, Lourdes Hernández; 542 over Cabanillas del Campo (GU) José M<sup>a</sup> Gómez, Fernando Gómez (DALMA); 80 over Jirueque (GU) E. Peina (DALMA); 200 over Les Planes de Hostoles (GI) Ignasi Llover; 450 over Sangüesa (NA) Jon Sola; 1,356 over Pamplona (NA) Teresa Subiza, Rajen Ayerra; 1,394 over Loza reservoir (NA) Julen Santa Cristina; 180 over Abay (HU) David Barceló; 200 over Patones (M) Clara Álvarez; 2,000+ go over Ugena (TO) Juan Torres; 2,100 over Campueñas (GU) Carmelo (DALMA); 20 over the River Guadalupejo (CC) Jacqueline Cartigny; 18 at Ivars lagoon (LL) Quim Minoves; 700 over Pamplona (NA) Patxi Andueza; 140 over Monfragüe (CC) Raúl Granados; 3,000 over Daroca (Z) Adrián Sánchez; 50 over Torrejón de Velasco (M) Jesús Risueño; 500 over Calatañazor (SO) Virginia Marco; 300 over Navalcarnero (M) Jorge García; 33,000 have gone over Navarra, Jesús Mari Lekuona *et al.*

-25/02/23: 37,000 at dawn at Gallocanta lagoon (TE/Z) Antonio Torrijo; 4,500 at El Cubillo lagoon (SO) Juan L. Hernández; 400 over El Higuera (CO) José Cañas; 100 over Colmenar Viejo (M) Sol Senise; 4,600 have roosted at Yesa reservoir (Z) Javier Artieda; 1,800 over Villafranca de los Caballeros (TO) Germán Loarces; 3,500 at Buendía reservoir (GU) José L. Ramos (DALMA); 314 over Zaragoza, Francisco J. Sampietro; 6 at El Taray lagoon (TO) Ángel Velasco; 1,000 over Zuera (Z) María Berna; 99+77 over Bujaraloz (Z) Conchi Esteban; 600 over Molina de Aragón (GU) Fernando Alonso; 450 have roosted at Guarrera lagoon (SO) and 2,500 over Tardajos de Duero and Alconaba (SO) Juan L. Hernández; 1,500 over Ontinar del Salz (HU) Jorge Lardiés; 3,000 over Fombuena (Z) Dianka (DALMA); 80 over Leganés (M) Alfredo Mirat; 230 over Zaragoza, 80 over Alagón (Z) and 30 over La Loteta (Z) Federico Sancho; 700 arrive at Buendía reservoir (GU) Carlos Arroyo (DALMA); 720 over El Carrascalejo (BA) Agapito J. Verde; 155 over Zaragoza, José A. Domínguez; 45 over Beteta Gorge (CU) Fernando Alonso; several thousand arrive at Sotonera reservoir (HU) Irene Marina; 7,691 leave on migration from Sotonera reservoir, but only around 1,200 manage to cross the Pyrenees and the rest return, Francisco Quesada, Silvia Duque, María Berna *et al.*; 438 over Cabanillas del Campo (GU) Fernando Gómez; 110 over Mata de Alcántara (CC) Fernando Sánchez; 449 over Cabanillas del Campo (GU) DALMA; 850 over Lizoain (NA) Juan I. Deán; 320 over Castellò d'Empuries (GI) Ponç Feliu; 73 over Palau-Saverdera (GI) Samid S.C.; 50 over Castellnou de Bages (B) Bernat Ferrer; 20 over Girona, David Fumosas; 130 over Vic (B) Pau Baucells, Lluís Prat; heard at Santa María de Besora (B) Jordi Faus; 780 over Torellò (B) Jordi Erra; 249+116 over Linyola (LL) Xavi Escobar; 218 over Alguaire (LL) Xavi Escobar, Enric Ortega; 2 in Sueca marsh (V) Joan Balfagón, Andrés Balfagón, Marcos Resl, Gullém de los Sotos; 116 over Catellnou de Sesna (LL) Marc Gálvez; 54 over Timoneda d'Alfès (LL) Patrick Finch; 18 over Plans dela Unilla (LL) Pablo Pascual; 63 over Loreto reservoir (HU) Jorge Lardiés 280 over Alto de Isona (NA) Gorka Gorospe; 80 over Lóguida

(NA) Miguel Minondo; 255 over Las Bardenas Reales (NA) Sara Gómez; 300 over San Jorge (HU) Jorge Lardés; 80 over La Puntaza de Remolinos (Z) Esther Charles; 700 over Utebo (Z) Alfredo Sánchez; 1,850 over El Galacho de Justibol (Z) Javier J. Vallina, Jorge Peláez; 40 over Zaragoza, Jorge Anaud; 429 over Movera (Z) José M. Sancho; 155+170 over Zaragoza, José A. Domínguez, Thomas Rickfelder; 10,000 over Daroca (Z) Adrián Sánchez; 30 over Alique (Z); 1 at Santillana reservoir (M) Jesús Ríos; 200 over Albarreal de Tajo (TO) Christophe Pontegnie; 7 over Arrocampo reservoir (CC) Sam Thomas, Jacques Turner-Moss; 2,450 over Magasca plains (CC) Seppo Hjerppe; 2 over Peña Falcón, Monfragüe National Park (CC) Sergio Mayordomo, César Clemente, Antonio Méndez, Martín López, Ángel L. Méndez; 29 over Trujillo (CC) Carmen Pérez-Aloe; 5,300 over Loza reservoir (NA) Javi Sola, Jon Sola; 40 over Egües (NA) Ángel Larube; 16,000+ have gone over Navarra, Jesús Mari Lekuona *et al.*

-26/02/23: 400 in rice fields at Capdesaso (HU) Eduardo Gracia; 16 at La Nava lagoon (P) Fernando Jubete Guzón; 30 over Sant Martí d'Albars (B) Jordi Clavell; 946 over Castellò d'Empuries (GI) Ramón Aguilar; 25 over Roses (GI) Ramón Homs; 170 over Pals (GI) Joachim Camps; 16 over Santa Cristina d'Aro (GI) Rosa Martínez; 11 over Folgueroles (B) Pep Nogué; 335 over Sant Agustí de Lluçanès (B) Feli Guardado; 150 over Sant Pere de Torellò (B) Susanna Crosas; 90 over Huesca, Juan C. Alberó, Jorge Lardiés; 2,000 at Yesa reservoir (Z) Sara Gomes; 500 at Buendía reservoir (CU) Ricardo Rodríguez.