

*The entry of cranes continues, especially in the first days of the week, and throughout the week the migratory intensity decreases, which could be caused by the arrival of a generalized rainy front, which also influenced visibility and detection of flocks.*

14/11/22: Nocturnal flock over Irún (G) José F. Esparcia; 23,500 at dawn at Gallocanta lagoon (TE/Z) Antonio Torrijo; 22 over Amposta (T) Ferrán Latre; 62 over Ivars d'Urgell lagoon (LL); 2 over Pollença, Mallorca (IB) Miguel Recro; 150 over Boadilla (M) Juan C. Paniagua; 100 over Guadalajara Nicolás Durán; 50 over Yunquera de Henares (GU) towards Marchamalo, Isabel & Fernando; 310 over the River Adaja (AV) Juan R. Cuervo; 7 over Aldeanueva de Atienza (GU) Mario (DALMA); 15 in dehesa and 3 at Garbayuela pond (BA) Julian Cendrero; 40 over Cabanillas del Campo (GU) José L. Arias (DALMA); 45 over Sotos de Alfaro (LR) Jesús Ucha; 30 over Autol (LR) Naty Castellet; 410 leave La Loteta reservoir (Z) Esther Charles; 50 over Majadahonda (M) Juan C. Paniagua; 14 over La Veguilla lagoon, Alcázar de San Juan (CR) Vicky García; 60 over Chica lagoon, Villafranca (TO) Carmen Comendador; 3 over Cercedilla (M) Alberto Pantoja; 20 over Muñico (AV) José M<sup>a</sup> García; 7 over Logroño (LR) Pedro Sáenz; 22 over Malpartida de Cáceres (CC) Alicia Casillas; 52 over Alfaro (LR); large flock over Guadalajara, Isabel & Fernando; 1 over Cuzcurrita de Río Tirón (LR) Paula Benito; 4 (1 juvenil) in rice fields at Capdesaso (HU) Eduardo Gracia; 53 over Ugena (TO) Conchita Torres; 300 over Riglos (HU) Pablo Vallés; 12 in Odiel marshes (H) Joaquín Vázquez; 23 over Sant Cugat del Vallès (B) Enric Ortega; 2 over Vilanova i la Geltrú (B); Tim Johnson; 30 over Caldes de Malavella (B) Daniel Bonnici; 12 at Bujaraloz (Z) Conchi Escanilla; 70 over Atapuerca (BU) José M<sup>a</sup> Ayuela; 17 over Villatoro (BU) Fidel Martín; 14 over Burgos, Marco Alonso, Rafael Díez; heard at Guadalajara, Javi Rejos (DALMA); 2 over Fuente del Maestre (BA) Rubén Ramos; 299 over Valdegallo (Z) José L. Tella; 4 over Tomelloso (CR) Joaquín Jiménez; 40 over Miranda de Ebro (BU) José L. Cobo; 20 over Cogollos (BU) and 15 over Lerma (BU) Israel Yáñez; 3 at the estuary of the River Antas (AL) Milenka Djukanovich, Jorge J. Rueda; 622 at La Zolina reservoir (NA) Cuevas Ruiz; 18 over Mendixur (AR) Jon Iratzagorria; 174 over Ávila and 9 over Fresno y La Pelmaza (AV) Alfonso Guío; 4 at La Pedraza reservoir, Guadalix de la Sierra (M) Jesús Ruiz; 150 over Boadilla del Monte (M); 50 over Majadahonda (M) 150 over Lozoya (M); 57 over Moratalaz (M) Alberto Pantoja; 17 at Tablillas del Záncara (CR) Pedro Bustamante; 31 at Arroyoconejos reservoir (BA) Antonio Núñez; 50 over Barajas (M) Delfín González; 623 go to roost at La Colada reservoir (CO) Juanma Sánchez; 60 at Fuente de Piedra lagoon (MA) Antonio Tamayo, Francis Mediavilla; 50 over Guadalajara, Fernando Alonso (DALMA); nocturnal passage at 22:17h over Barasain (NA) Jerzy Wojtysiak; 153 at Monteagudo de Las Vicarias reservoir (SO) Pilar Abad; 25 over El Pardo (M) Marco Escuredo (GOEP); 480 over Arnedo (LR) Yolanda Hernández; 300 over Valverde de Rioja (LR) José Benedí; 25 over Montmell (T) Andy Elliot; heard at Talarn (LL) Jordi Casfillò; 40 over Granada, Andrés Rojas; 22 in s'Albufera natural park, Mallorca (IB) Dani Zamora, Daniel Hinckley; 47 over Punta Nati, Menorca (IB) Teresa Subiza; 14 in Salobrar natural park, Mallorca (IB) Petra Jensen; 20 over Villar de Corneja (AV) José Jiménez; 50 over Torrejón de Ardoz (M) Mireia A.F.; 300 at Valdecaballeros reservoir (BA); 8 over Rincón de Ballesteros (CC) Francis Martín; 6 over Madrid, Juan C. Hidalgo, Elena Baonza; 100 over Majadahonda (M) Rafael Hidalgo; 180 over Villanueva de la Cañada (M) Edmundo Bell; 34 at Villamayor reservoir, Valdemorillo (M) Manuel Vega; 50 at Lagartera (TO) César Clemente; 50 over Torrejón de Ardoz (M) Mireia A.F.; 390 at La Janda lagoon (CA) Laura Rollán; 10 at Aldea de Cuenca (CO) José Cañas; 80 over Villaviciosa de Odón (M) Mark

Davis; 80 over Calera y Chozas (TO) Fernando E. Navarrete; 65 over Las Ventas Con Peña Aguilera (TO) Javier Gómez.



Image nº: Cranes over Punta Nati, Menorca (IB). Photo: Teresa Subiza.

15/11/22: 9 over Llanos de la Velada (TO) Adrián Illescas (ARDEIDAS); 4 in rice fields at Capdesaso (HU) Eduardo Gracia; 350 set off from La Loteta reservoir (Z) Esther Charles; 37 between Galinduste (SA) and Armenteros (SA) Vega Bermejo; 52+92 over Cabanillas del Campo (GU) José L. Arias (DALMA), Luis Miguel (DALMA); 12 over Guadalajara, Carlos Arroyo; 100 over Yunquera de Henares (GU) Fernando Gómez (DALMA); 10 over Fontanar (GU); 35 over Guadalajara, Isabel & Fernando; 50 over Calahorra (LR) Jesús Ucha; 12 over Logroño (LR) Ignacio Gámez; 112 circling over Pozuelo de Aragón (Z) Esther Charles; 47 at Bujaraloz (Z) Conchi Esteban; 18 over Olías del Rey (TO) Joaquín; 10 over Alba de Tormes (SA) Gonzalo Criado; 1,583 roost at El Hoyo lagoon (AV) José M<sup>a</sup> García; 16 over Cabanillas del Campo (GU) José M<sup>a</sup> Gómez (DALMA); 9 over Albarreal de Tajo (TO) Marco Ansón; 58 over Vitoria/Gasteiz (AR) Azaitz Unanue, EBB; 4 over Esclet (GI) Daniel Bonnici; 15 over Quinto (Z) Alfredo Sánchez; 300 at La Nava lagoon (P) Fernando Jubete Guzón; 30 in Salobrar natural park, Mallorca (IB) Daniel Hinckley, Dani Zamora; 27 at Lagartera (TO) César Clemente; 10 over Valdelatas pinewoods (M) Pablo Pozo; 300 over Casas de San Galindo (GU) Ángel Vela; 21 over Ávila Luis J. Martín; 332 at La Zolina reservoir (NA) Jorge Nubla.

16/11/22: 15 over Ávila, José M<sup>a</sup> García; 22 in rice fields at Capdesaso (HU) Eduardo Gracia; >200 over Puebla de Alcocer (BA) Yasmina Annicchiarico; migration begins at 10:30h from Gallocanta lagoon (TE/Z) Antonio Torrijo; 156 at Bujaraloz (Z) Francisco J. Sampietro; 90 circling at Pozuelo de Zarzón (M) Esther Charles; 8 over Girona, Carlos Arroyo; 7 over Almenara marsh (CS) Miguel Crespo; 64 over Alfaro (LR) Rodrigo Baldera; 30 over Paniza pass (Z) Javier Domínguez; 6 over Serradilla (CC) Achilles Cods; 14 over

Deltebre (T) Mayca Martí; 25 over Valladolid, Carlos González; 394 at Lácara (BA) and 2,945 roost at Alange reservoir (BA) José A. Román; 89 over Madrid, Héctor; 86+36 over Zaragoza, Fernando Herrero, Coral Jordán; 153 at Bujaraloz (Z) Conchi Esteban; 16 over Ainzón (Z) Esther Charles; 86 over Casa de Campo, Mérida (BA) Ángel Sánchez; 8 over Plenas (Z); 10 over Terin (TE) Bianka; 4 at Caño del Juncal (SE) Steve Hutchinson; 1 at Arenas de San Juan (CR) M<sup>a</sup> José Valencia; 3 over Ávila, Juan Parra; 2 at Pas reservoir (HU) Ayla Monllor; 209 over Calahorra (LR) Javier Ochoa, Jesús Ucha; 64 over Alfaro (LR) Rodrigo Baldero; 3 at La Zolina reservoir (NA) Haritz Sarasa; 40 over Abay (HU) Daniel Barceló 85 at Boada de Campos lagoon (P) Josep Manchado, Alberto Laiz, Rafael Hermosilla, Fernando Jubete Tazo, Juana M<sup>a</sup> Guzón, Fernando Jubete Guzón; 32 over Utebo (Z) Jesús Rodríguez; 19 over Quinto (Z) Alfredo Sánchez; 300 at El Cañizar lagoon (TE) Pascual Monferrer.

*433,620 have been censused in Hesse (Marburg and Giessen) -GER-, during the migration period. Martín Kraft et al.*



Image n<sup>o</sup>: Cranes over Villagonzalo (BA). Photo: José A. Román.

17/11/22: 50 over Badenas (TE) Dianka, Laila Aranda; 2,000 at Honda lagoon, Campillo de Dueñas (GU) Antonio Torrijo; 15 over Majadahonda (M) Esther Murciano: 3 in Castellò marsh (CS) Ubaldo Fernández; 5 over Corral-Rubio (AB) Marcelo Quesada; 1,100 at El Hoyo lagoon (AV) Víctor Coello; 86 at La Nava lagoon (P) Walter Van Kerkhoven; 20 over Cabezón de Pisuerga (VA) Jesús Higuera; 250 at Sotos de Alfaro (LR) Borja Sanz; 214 roost at Santa Teresa reservoir (SA) Vicente G. Garrudo; 175 over Huesca, Pedro Torres; 360 at La Nava lagoon (P) Fernando Jubete Guzón; 9 over Herrerueta (CC) Antonio Galán; 90 over Corella (NA) Adrián M. 60 over Monreal (NA) Almudena García; 39,869 are censused at Gallocanta lagoon (TE/Z) S.A.R.G.A.

*19,488 are censused in Arjuzanx nature reserve (FR) Sophie Laugareil et al.*

18/11/22: 4 over Fuentes (CU) Nuria Chacón; 59 at Salada Grande, Alcañiz (TE) Esther Yera; 145 circling over El Pardo (M) Marcos Escuredo (GOEP); 13 over Leiva (LR) Lidia Roncero, Ignacio Gámez; 692 leave La Loteta reservoir (Z) Esther Charles; 2,560 over Villagonzalo (BA) coming from Alange reservoir; migration departures from Gallocanta lagoon (TE/Z) Carmina Franco; 52 over Torralba de Calatrava (CR) Raquel Ramiro; 150 over Medinaceli salt workings (SO) M<sup>a</sup> José M. Cenamor; 378 at Los Canchales reservoir (BA) Elvira del Viejo; 18 over Calzadilla de Los Barros (BA) José L. Bautista; 1,300 roost at Sotonera reservoir (HU) Silvia Duque, Francisco Quesada; 531 in Los Pedroches (CO) Juanma Sánchez; 76 over Cespadosa de Tormes (SA) Fernando Aranguren; 40 over Alconchel de la Estrella (CU) and 32 over Montalbanejo (CU) Joaquín Jiménez; 184 at Santa Teresa reservoir (SA) Miguel Rodríguez; 24 at Granja de Granadilla (CC), 90 at La Fresnedilla pond, Oliva de Plasencia (CC), 14 at Gabriel y Galán reservoir (CC), 78 at Zarza de Granadilla (CC), 14 at La Jarilla (CC) and 40 at El Estanco lagoon, Oliva de Plasencia (CC) Hugo Sánchez; 6 over Plasencia (CC) Alonso García; 443 at Rosarito reservoir (AV) David García; 3 at Navalcán (TO) César Clemente; 81 over Madrid, Pablo de la Nava; 270 roost at Sotos de Alfaro (LR) Borja Sanz; 4,200 roost at Borbollón reservoir (CC) Miguel Todón; 25 over Caldes de Malavella (GI) Daniel Bonnici; 5 at Ricoballo reservoir (ZA) Gary Losada; 550 in Villafáfila nature reserve (ZA) Gary Losada; 140 at Torviscal (BA) José A. Román; 10 over Sollana marsh (V) A. Torres; 18 over Cuerda del Pozo reservoir (SO) Andrés Riaguas. .

19/11/22: 102 over Almendralejo (BA) José A. Román; 582 at Villacañas (TO) Ángel Velasco; at 08:30h cranes leave from Gallocanta lagoon (TE/Z) Carmina Franco; 14+28 in rice fields at Capdesaso (HU) Eduardo Gracia; 120 over Torre de Abraham reservoir (CR) Esther Murciano, Carlos Guilli, Álvaro García; 4 at La Granjuela (CC) Pedro; 200 arrive at La Colada reservoir (CO) Carmen Valle, Candy Valle; 300 in dehesas, Los Pedroches (CO) Candy Valle; 44 over Zaragoza, Francisco J. Sampietro; 127 over Quintos de Mora (TO) Esther Murciano, Carlos Guilli, Álvaro García; 197 at Santa Teresa reservoir (SA) Vicente G. Garrudo; 2 at Castellò d'Empuries (GI) Luis Trentin; 1 at Soser (LL) Ferrán Riba; 12 roost at Villalba de los Barros reservoir (BA) Juan G. Miranda; 100 over El Pardo reservoir (M) Carlos Escuredo (GOEP); 765 at Pizarro (CC) Neil Renwick; 800 at La Janda (CA) Abel Moreno; 5 in Almenara marsh (CS) José V. Martí; 120 at Tablas de Alarcos (CR) José Gómez; 22 at La Veguilla lagoon (CR) Luis Jiménez; 200 at El Taray lagoon (TO) Jaime García, Pablo Barrero; 29 over Gerindote (TO) Cristina Gómez; 45 over Cambrillos de Guadarrama (TO) Javier Nicolau; 12 over Villaviciosa de Odón (M) Mark Davis; 120 over Serranía de Cuenca, Fernando Alonso; 385 over San Mateo de Gállego (Z) Ángela Montesinos; 43 in dehesas, La Roca de la Sierra (BA) Arturo Pérez; 123 in dehesas, La Nava de Santiago (BA) Raúl Pérez; 25 over Esparragalejo (BA) Gerardo Pizarro; 8 at Usagre (BA) Jorge Sáfora; 17 at Bienvenida (BA) José L. Bautista; 200 at Fuente de Piedra lagoon (MA) Elaine Miller; 259 circling at Sotos de Alfaro (LR) Ignacio Gámez, Jonathan; 10 at La Llosa (CS) Juan Villora; 8 Abejar (SO) Isabel Jorge; 10 Leiva (LR) José I. Sáenz; 47 at Hinojal (CC), 90 at Talaván reservoir (CC) and 17 at Camacho pond, Talaván (CC) Javier Prieta; 339 over La Pueblonueva (TO) Pedro Vergel.



Image nº: Cranes at Pizarro (CC). Photo: Neil Renwick

20/11/22: Nocturnal passage by 6 groups from 04:45h over Elorrio (G) Aitor Zabala; 3,100 have roosted at Peña Hueca and Taray lagoons, Villacañas (TO) Ángel Velasco; 114 to the south of Almendralejo (BA) José A. Román; 15 over Jarandilla (CC) Sofía Moreno; 286 at Bujaraloz (Z) Arnau Guardia; 840 at La Janda lagoon (CA) Arkadiusz Broniarek; 1,200 in dehesas, Valdecaballeros (BA) José M<sup>a</sup> Traverso; 436 over Ejea de los Caballeros (Z) Javier López; 2 at Sanlúcar la Mayor (SE) Francisco J. Salcedo; 17 over Txingudi marshes (G) José F. Esparcia; 10 over Los Blázquez (CO) Marga Martín; 8 over Ciudad Real, Raquel Ramiro; 60 over Bañón (TE) Pilar Edo; 1 over Pontón (V) Rafael Muñoz; 6 at L'Alcudia (V) Julia Cerveró; 33 at Pétrola-Corral Rubio (AB) Fernando Rico; 12 roosted at El Pardo reservoir (M), from where they set off on migration mid-morning, Marcos Escuredo; 31 at Navaseca lagoon (CR) M<sup>a</sup> José Valencia; 4 at Corta de Olivillos (SE) Paco Chiclana; 8 over Sitges (B) Enric Mozas; 8 over El Prat de Llobregat (B) Quique Carballal; 30 over Alberó (HU) Eduardo Gracia; 82 at Aldea del Cano (CC) José M<sup>a</sup> Rojo; 103 over Peñaflores de Gállego (Z) María Berna; 40 over Tafalla (NA) Juan I. Deán; 10 over Rubió (B) Enric Ortega; 6 over Cambrils (T) Marius Domingo; 23 over Basses de La Foia (T) Miguel Recro; 20 over Daganzo de Arriba (M) Jorge Díaz; 60 over Renera (GU) Susan Alcolea; 13 over Txingudi (G) Mikel Estonea; 18 at San Salvador reservoir (HU) and 11 at El Pas reservoir (HU) Victoria Torrente, Jesús Lavedán; 70 arrive at La Hoya del Pozo, Corral Rubio (AB) Raquel Mansilla; 50 circling at Pozuelo de Aragón (Z) Teresa Pueyo; 81 over Tablas de Daimiel National Park (CR) Esther Murciano; 25 over Ledesma (SA) María J. Benítez; 30 cross the Straits of Gibraltar from Tarifa (CA) Alejandro Onrubia; 20 over the River Ayuela (CC) Mariano Cabrero; 58 over Villar del Infantado (CU) Ángel Arellano; 6 at Castellò d'Empuries (GI) Valentín Jego; 10 over Rubió (B) Enric Ortega; 1,482 go to roost at El Hoyo lagoon (AV)

Cruz González, José M<sup>a</sup> García, Arón Blázquez; 15 at Isla Mayor (SE) and 1 at Aznalcázar (SE) Rafael Carmona; 63 over Salburua (AR) EBB; 1 in Río Palmones marsh (CA) José L. Garzón, Andrés Rojas; 7 at El Gosque lagoon (MA) Victoriano Mora; 76 in the Navahermosa area (MA) Miguel Juan, Ignacio Barrionuevo; 2 in El Hondo natural park (A) Jorge Peláez; 23 over Monfragüe National Park (CC) Yass Fuentes; 57 over Calzada de Oropesa (CC) Sergio Mayordomo; 300 at Castrejón reservoir (TO) Javier Nicolau; 80 over Aranjuez (M) Juan Fernández; 6 over Sureste natural park, Velilla de San Antonio (M) Juan C. Hidalgo, Elena Baonza; 20 over Valdebebas (M) Christophe Pontegnie, Carlos Fernández; 32 in Dehesa de Moncalvillo (M) Francisco Parras; 2 at Pedrezuela reservoir, Guadalix de la Sierra (M) Jesús Ruíz; 18 at San Salvador reservoir (HU) Victoria Tauste, Jesús Lavedán.