

To designate the different provinces and countries we use the following codes: LU: Lugo;, C: Coruña, PO: Pontevedra, LE: León, AS: Asturias, CT: Cantabria NA: Navarra, LR: La Rioja, G: Gipuzkoa, AR: Araba, BI: Bizkaia; GI: Girona, B: Barcelona, LL: Lleida, T: Tarragona, Z: Zaragoza, HU: Huesca, TE: Teruel, V: Valencia, CS: Castellón, A: Alacant, MU: Murcia; IB: Illes Balears, BU: Burgos, VA: Valladolid; LE: León; ZA: Zamora, SA: Salamanca, AV: Ávila, SO: Soria; SG: Segovia, M: Madrid; CU: Cuenca, AB: Albacete; GU: Guadalajara, TO: Toledo, CR: Ciudad Real; CC: Cáceres, BA: Badajoz, CO: Córdoba, SE: Sevilla, H: Huelva, CA: Cádiz, MA: Málaga, AL: Almería; GR: Granada;; J: Jaén, Countries: Portugal (PT) France (FR) Italy (IT) Germany (GE) Hungary (HU) Israel (IS) Sweden (SE) Poland (PL), United Kingdom (UK).

In Spain, this year, summering birds have been very scarce:

02/05/21: at Torralba de Oropesa (TO) Elisa Vazquez.

07/05/21: 1 at Riobobos weir (SA) Ángel López.

14/05/21: 1 at Caminreal (TE) Antonio Torrijo.

16/05/21: 3 at Gallocanta (Z) Antonio Torrijo.

23/05/21: 1 at Tornos (TE) Juan C. Bellido.

07/06/21: 2 at Santoña lagoon (NA), also observed on 8<sup>th</sup>, 10<sup>th</sup> & 12<sup>th</sup>: María Díaz, Rosario Mendoza, Juan M. Pérez, David Cantalejo, Jon Irztzagorria, Jesús Méndez.

10/06/21: 1 at Cazalegas (TO) Francisco Rodríguez (ARDEIDAS).

18/07/21: 1 at Ejea de los Caballeros (Z) Ángel Franca.

24/07/21: 2 at Gallocanta lagoon (Z) Antonio Torrijo.

18/07/21: 1 at Ejea de los Caballeros (Z) Ángel Franca.

21/08/21: 1 at Mendixur (AR) Julen Santacristina.

12/09/21: 1 at Ejea de los Caballeros (Z) Ángel Franca.



Image nº 1: Crane at Ejea de los Caballeros (Z). Photo: Ángel Franca

## AUTUMN MIGRATION

*The first migrating flocks are seen in September:*

18/09/21: 55 migrating over La Bujeda (GU) Javi de la Paz; heard at Mazuecos (GU) DALMA; 1 at Chica lagoon, Villafranca de los Caballeros (TO) Ignacio Velázquez.

19/09/21: 100 over Moscardón (TE) José A. Bendo; 1 at Pitillas lagoon (NA) Alberto Pastoriza.

21/09/21: 2 Valereña rice fields, Ejea de los Caballeros (Z) Sandra Martínez.

25/09/21: 32 circling over Torija (GU) Juanma Pérez-García; 5 at Pitillas lagoon (NA) Gonzaga Santesteban.

29/09/21: 30 over Logroño (LR) Maribel Gutiérrez.

01/10/21: 1 at Chica lagoon, Villafranca de los Caballeros (TO) MCarmen Comendador.

02/10/21: 14 at La Janda (C) Maite Santos ; 3 flying over Bárcena de Cicero (CT) José A. Tielve.



Image nº 2: Flock migrating over la Bujeda (CU). Photo: Javi de la Paz



Map nº 1: First cranes in Spain up to 3 October 2021.

*At the start of the second week of October some cranes were seen coming through the Basque corridor, and migration began during the weekend*

05/10/21: 12 at Salburua (AR) Julen Santacristina; 7 over Pamplona (NA) Rajen Ayerra; 40 over San Sebastián (G) Álvaro Campuzano; 25 at La Janda (CA) Francisco Solano; heard at Torre de Miguel Sesmero (BA) Felipe Ontiveros.

06/10/21: 6 at Palomas (BA) José Guerra, Marc Gálvez.

07/10/21: 2 at Biota (Z) Antonio Esteban.

08/10/21: 35 over Alberiza (LR); 7 over Villalba reservoir (BA) José Leal; 50 over Busto de Bureba (BU) José A. Campos; 2 in Arguedas rice fields (NA) Rajen Ayerra.

68 cross over Lindus (FR) Ander & Jon; 2 cross Lizarreta Pass (FR) Félix Thévénet et al.

09/10/21: 20 over Daroca (Z) Agustín Gracia and land at Gallocanta reservoir (Z), where small groups continue to arrive throughout the day, Carmina Franco; 25 over Alba de Tormes (SA) Lucía Alonso (Sylvestris) 4 at La Nava lagoon (P) which then set off on migration, Andrés Alfaro, Fernando Jubete Guzón; 8 over San Pedro Manrique (SO) Juan L. Hernández; 5 over Irún (G) David Santamaría; 11 over Cabanillas del Campo and 19 over Quer (GU) (DALMA); 9, 1 juvenile, at Los Canchales reservoir (BA) Jose L Bautista, Juan A. López; 10 over the chozos de Llera (BA) Rafael Vicente; 21 over Villoria (SA) Paqui del Castillo; 5 at El Oso lagoon (AV) Juan R. Cuervo; 25 over Tudela (NA) Francisco Ahedo; 62 at Pitillas lagoon (NA); 2 at Riobos weir (SA) Tino Fernández; 3 at El Raso lagoon (VA) Rocío Gómez; 96+56 over Roncesvalles (NA) Sancho Pineda; heard over Ochagavía (NA) José Sola; 90 at La Zolina pool (NA) Gorka Gorospe; 66 over Sangüesa (NA) Gonzaga Santesteban; 4 at Llongar lagoon, Lillo (TO) María Bueno; 12 over Tembleque (TO) José López; 3 at Navalcán reservoir (TO) Luis J Martínez, Miguel

Martínez; 30 over Cabanillas del Campo (GU) J Luis Ramos; 100 over the Fluvià river, Besalú (GI) Michael Lockwood; 3 over Barcelona, Xavi Larnuy; 78+65 over Navarrete (LR) Álvaro Saramián; 89 over Sotos de Alfaro (LR) Ignacio Gámez, Javier Robres; 1 at Las Tablas de Daimiel National Park (CR) Cuevas Ruíz; 6 at Villafáfila (ZA) Miguel A.G.M., Juan J. González, Alfonso Rodrigo; 32 over Pamplona (NA) Rajen Ayerra; 203 over Monteagudo de las Vicarías reservoir (SO) Fernando Chaguaceda, Marian Ramos; 9 at Valdecañas reservoir, Bohonal de Ibor (CC) César Clemente; passage over Calatayud (Z) Ángel Suazo; 2 flocks over Yunquera de Heneres (GU) DALMA; 3 over Castellò d'Empuries (GI) Jean Bisetti; 23 over Olot (GI) Oriol Clarabuch; 16 over Valdelcubo (GU) Sergio Pérez; 20 over Olóriz (NA) Santiago Serrano.

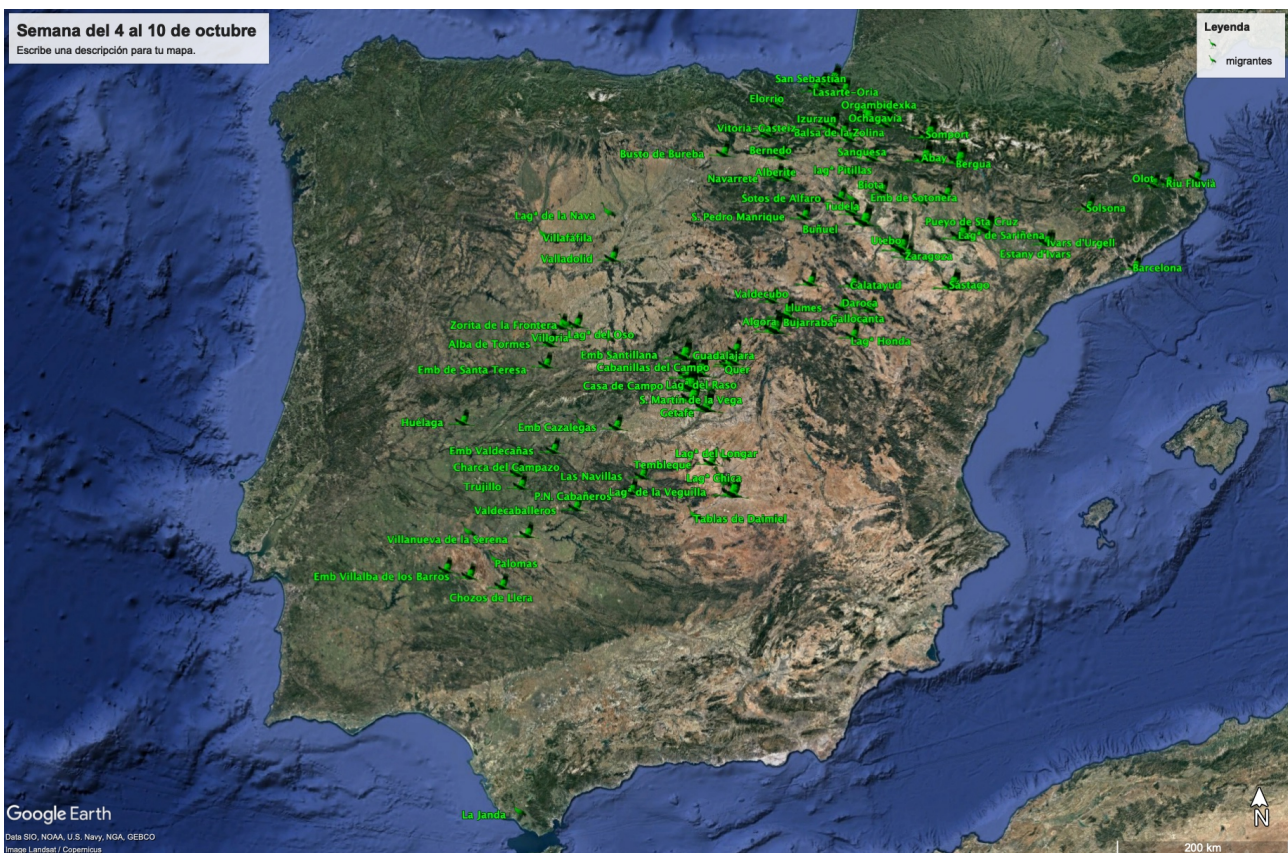
*646 cross the Organbideska Pass (FR) Johan Meurailon et al.*



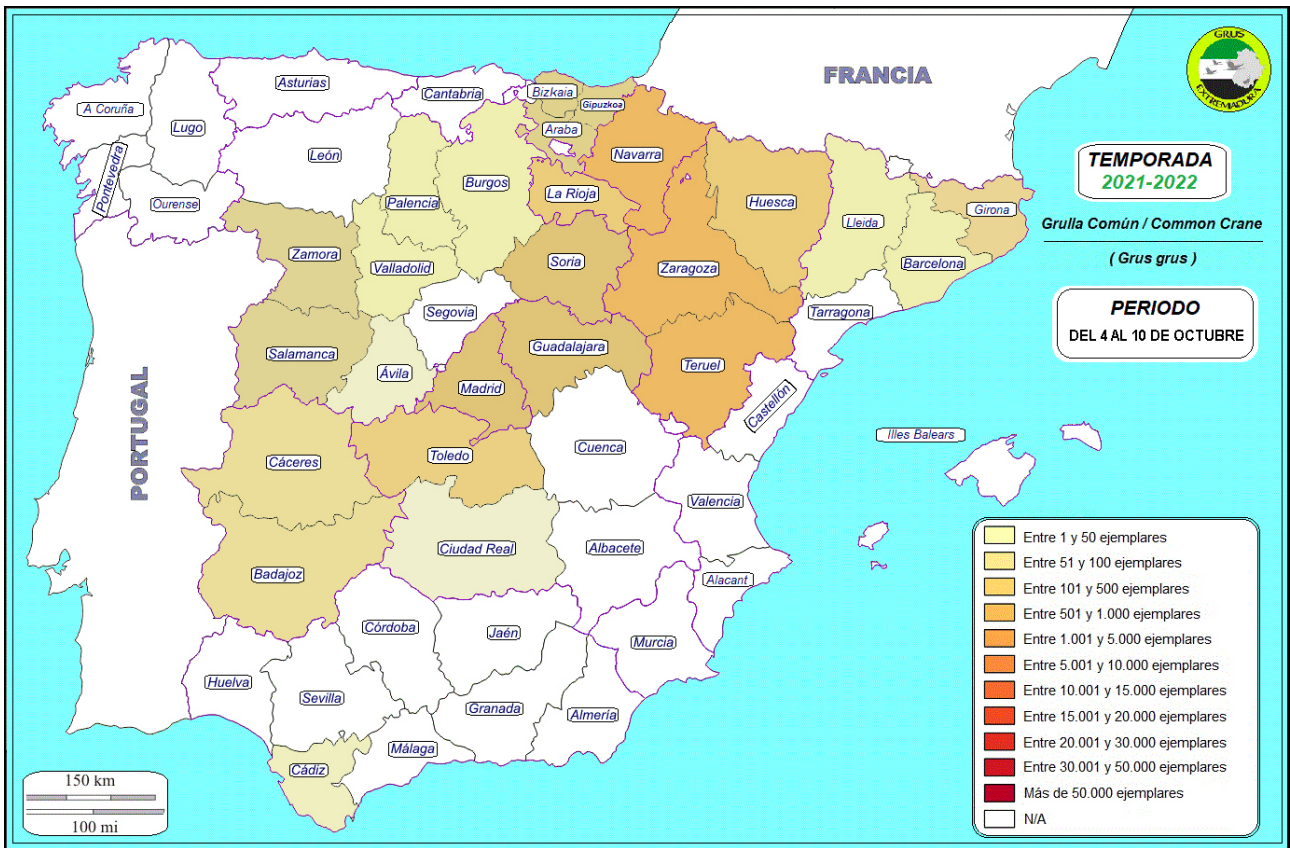
Image nº 3: Cranes at Los Canchales reservoir (BA). Photo: Juan A. López.

10/10/21: At 2:10h a flock over Lasarte-Oria (G) José R. Labrador; 3 at La Aldea del Obispo (CC) Neil Renwick; 63 at dawn at Peña Hueca lagoon, Villacañas (TO) Ángel Velasco; 570 at dawn at Gallocanta lagoon (Z/TE) and 11 at La Zaida lagoon (Z) Antonio Torrijo; 15 over Solsona (LL) Laia Ximenis, Lluís Brotons; 58 at Villafáfila nature reserve (ZA) and 15 migrating, Cristian Osorio; 8 over Villanueva de la Serena (BA) Manuel Gómez; 3 over Zorita de la Frontera (SA) Néstor Conde; 86 over Elorrio (BI), Aitor Zabala, which are then seen over Vitoria-Gasteiz (AR) Beñat Guevara; 9 at Santa Teresa reservoir (SA) Vicente G. Garrudo; 3 (family group) over Valdecaballeros (BA) José M<sup>a</sup> Traverso; 10 at Sotonera reservoir (HU), 1 juvenile, Juan C. Alberó; 380 leave on migration from Gallocanta (TE) and fly over Honda lagoon (GU) Antonio Torrijo; 52 over Bernedo (AR); 50 over Barluenga (HU) Juan C. Alberó; 23 over Getafe (M) Isabel Paulos, Fernando Paulos,

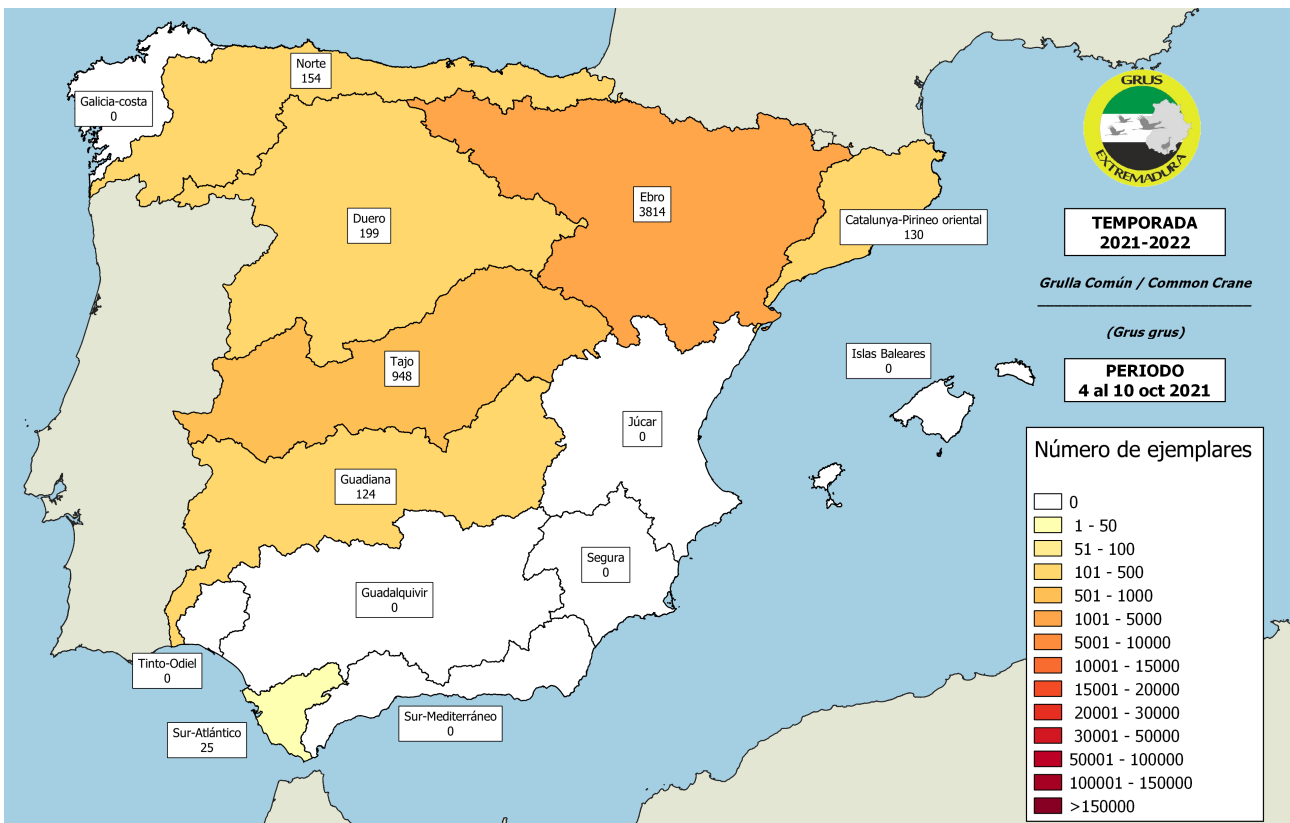
Carlos Paulos (DALMA); 100 over Bergue (HU) Raúl Navarro; 105 over Bujarradal (GU) Jorge (DALMA); 10 circling over Sariñena lagoon (HU) Eduardo Gracia; 46 over Sástago (Z) Daniel Enfedaque; 60 over Utebo (Z) Ignacio J. Romero; 60 over Pueyo de Santa Cruz (HU) Conchi Esteban; 3 at Txingudi (G) Juan F. Esparcia; 10 at Los Canchales reservoir (BA) Gonzalo Valencia; 1 at La Vequilla lagoon (CR) Pepe Buendía; 1 at Chica lagoon, Villafranca de los Caballeros (TO); 1 at Santillana reservoir (M) Jorge García; 40 over Somosaguas (M) Sofía Borop; 110 over San Martín de la Vega (M) José Liarte, María Liarte; 80 over Algora (GU) Ángel Vela; 100 over Buñuel (NA) Patricia Andrés; 5 over Izurzun (NA) Samuel Aunió; 120 over Auritz-Burguete (NA) and 70 over Burguete (NA) Gorka Gorospe; 100 over the Sierra de Alono (HU) María Durán; passage over Abay (HU) Daniel Barceló; 50 over Barluenga (HU) Juan C. Albero; at least 1,000 arrive at Gallocanta (Z/TE) throughout the day, Antonio Torrijo; 25 at Navalcán reservoir (TO) Gustavo Hernández (ARDEIDAS); 166 roost at Sotonera reservoir (HU) Esther Yera, Silvia Duque, Juan Muñoz; 108 in three flocks over Guadalajara and 57 over Cabanillas del Campo (GU) Juan Luís (DALMA); 3 over Valladolid, Rocío Gómez; 15 over Santa Cruz de la Sierra (CC) Carmen Pérez-Aloe; 18 over Huélaga (CC) Miguel Todón; 20 at Cabañeros National Park (CR) Juan Segura; 2 over Las Navillas (TO) Javier Nicolau; 9 at Cazalegas reservoir (TO) Christophe Pontegnie; 25 over San Sebastián de los Reyes (M) Inés Garrido; 57 over Llumes (Z) Ángel Jaime; 28 over Zaragoza, Thomas Rickfeider; 35 at Estany d'Ivars (LL) M<sup>a</sup> José Ochoa, María Mira, Sergi Sales, Carles Serrano, Jaume Albeigès; 1 at Castellò d'Empuries (GI) Aleix Comas; 1 over Torralba de Oropesa (TO) César Clemente; 18 at Tablas de Daimiel National Park (CR) Diane Appels, 120 over Colmenar Viejo (M) ANAPRI, which roosted at El Pardo reservoir; 31 at Los Canchales reservoir (BA) Raúl Pérez; 17 at Alange reservoir (BA) Raúl Granados.



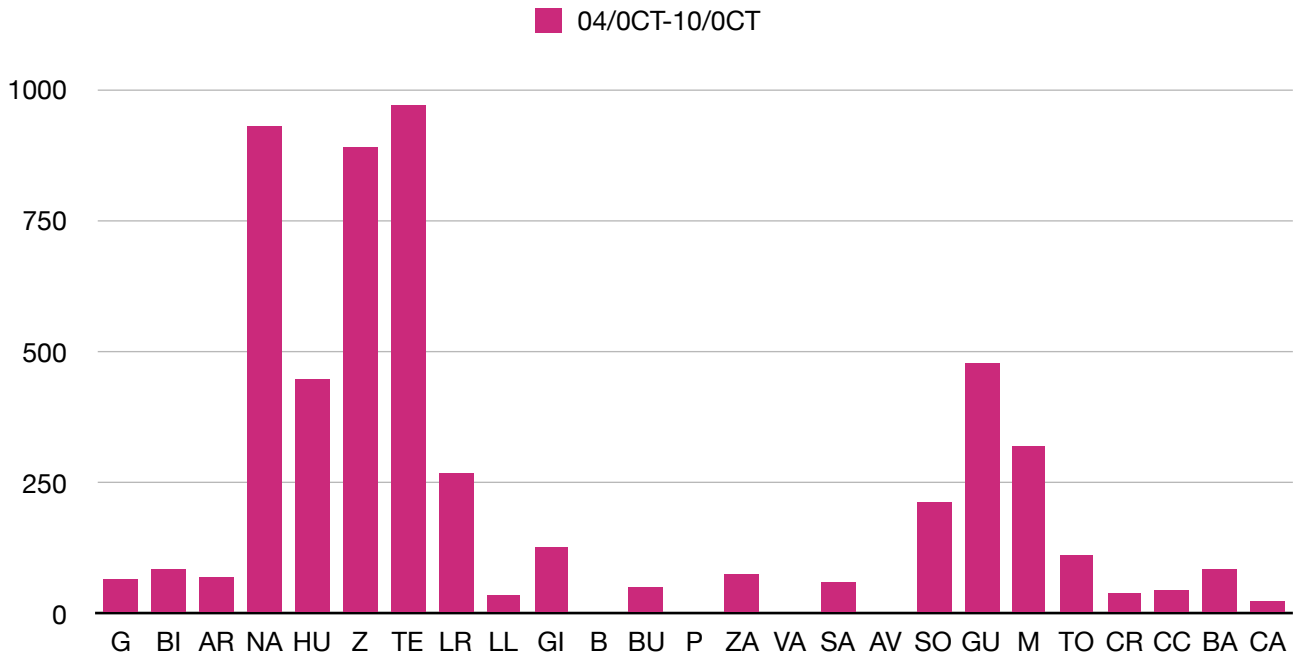
Map nº 2: Crane observations during the week 3 to 1



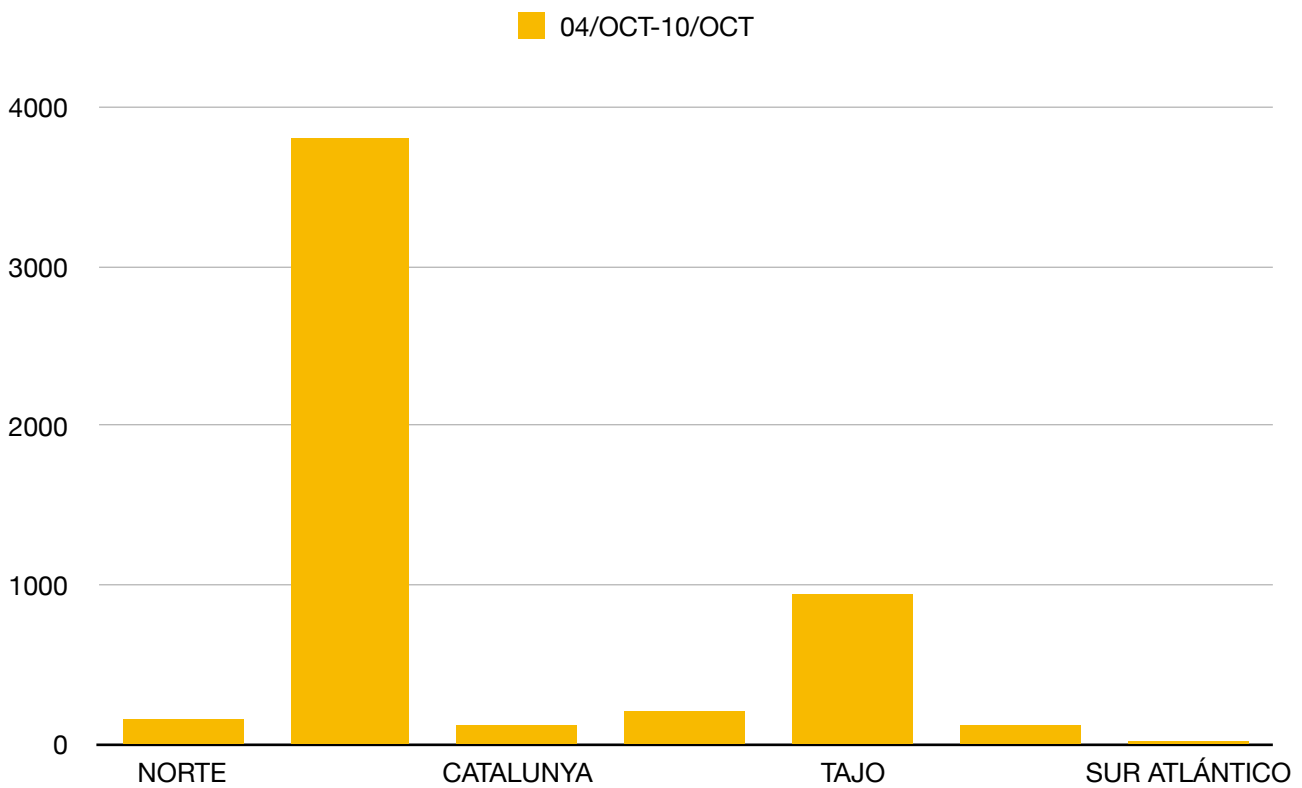
Map nº:3: Crane migration by provinces. October 4 to 10



Map nº 4; Migration by water catchment areas. October 4 to 10



Graphic nº 1: Migration by provinces, October 4 to 10



Graphic nº 2: Migration by water catchment areas. October 4 to 10