

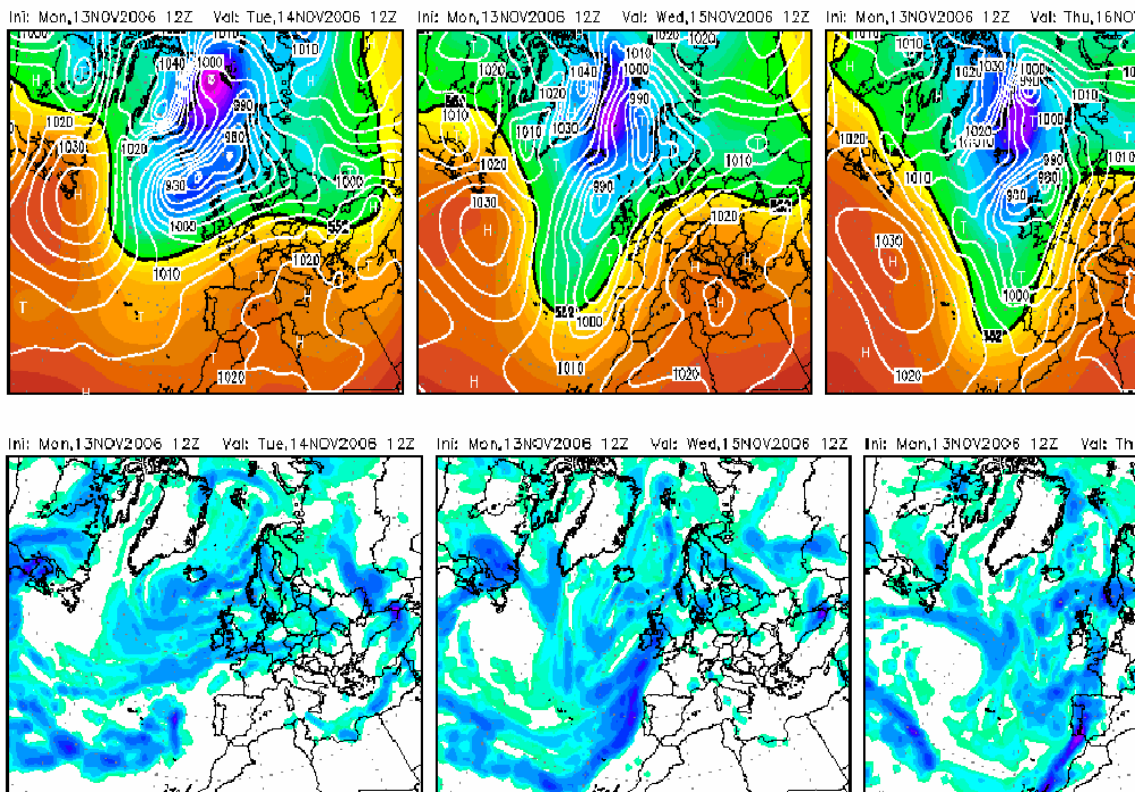


Perturbaciones Significativas 2006-.2007
CPS-Acanmet.

Jague

15-16 de noviembre-2006

Profunda vaguada que se descuelga desde el Nw sobre las islas, se ve reflejada con un frente que se asocia a una masa de origen subtropical muy húmeda en SFC, originando intensas precipitaciones en sectores del N y E de las islas, que tienen carácter tormentoso.



Evolución general de la perturbación, salida de GFS del lunes 13 de noviembre.

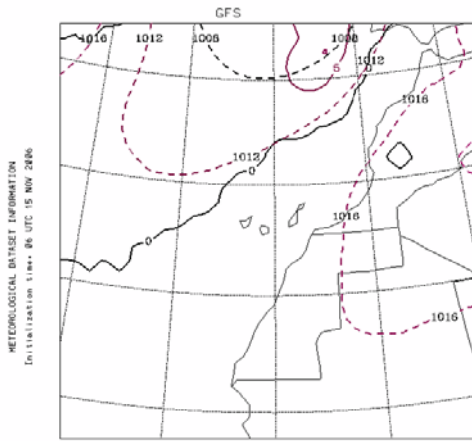
Campos miércoles 15 de noviembre.

Durante este DIA la línea frontal afecta principalmente a la Palma, donde origina una tormenta de corta duración con cantidades pequeñas de precipitación.

Perturbaciones Significativas : Jague



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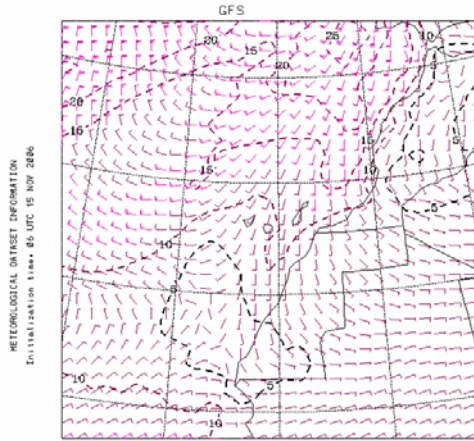
METEOLOGICAL DATASET INFORMATION
 Initialization time: 06 UTC 15 NOV 2006

MEAN SEA-LEVEL PRESSURE
 6-HOUR ACCUMULATED PRECIPITATION
 MSLP (HPA), LVL= SFC, 12 UTC 15 NOV 2006 (+ 06 H)
 TPP6 (MM), LVL= SFC, 12 UTC 15 NOV 2006 (+ 06 H)

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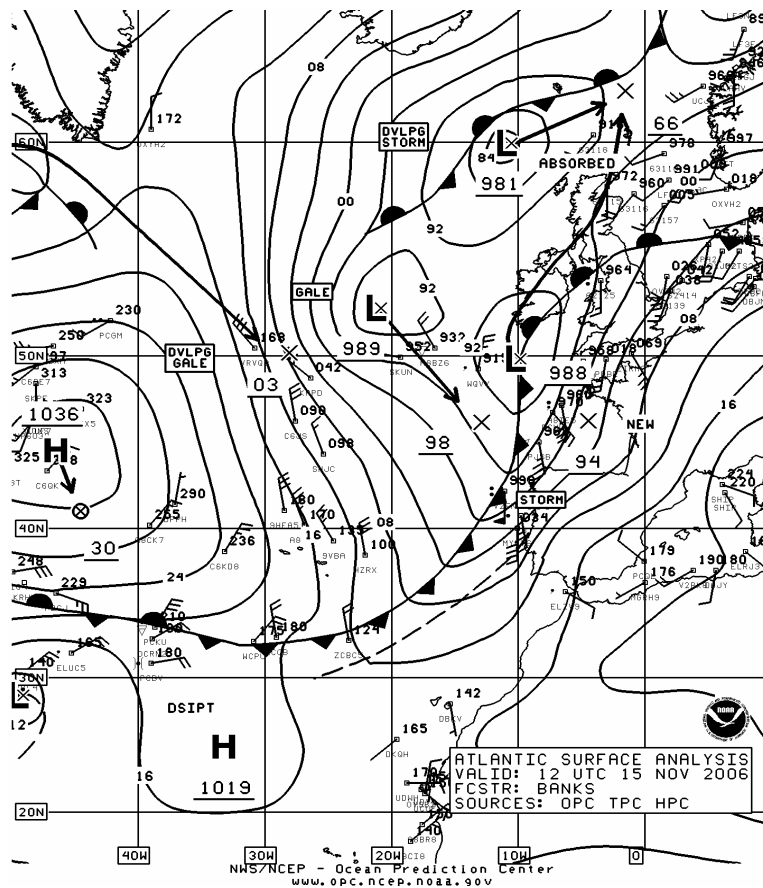


METEOLOGICAL DATASET INFORMATION
 Initialization time: 06 UTC 15 NOV 2006

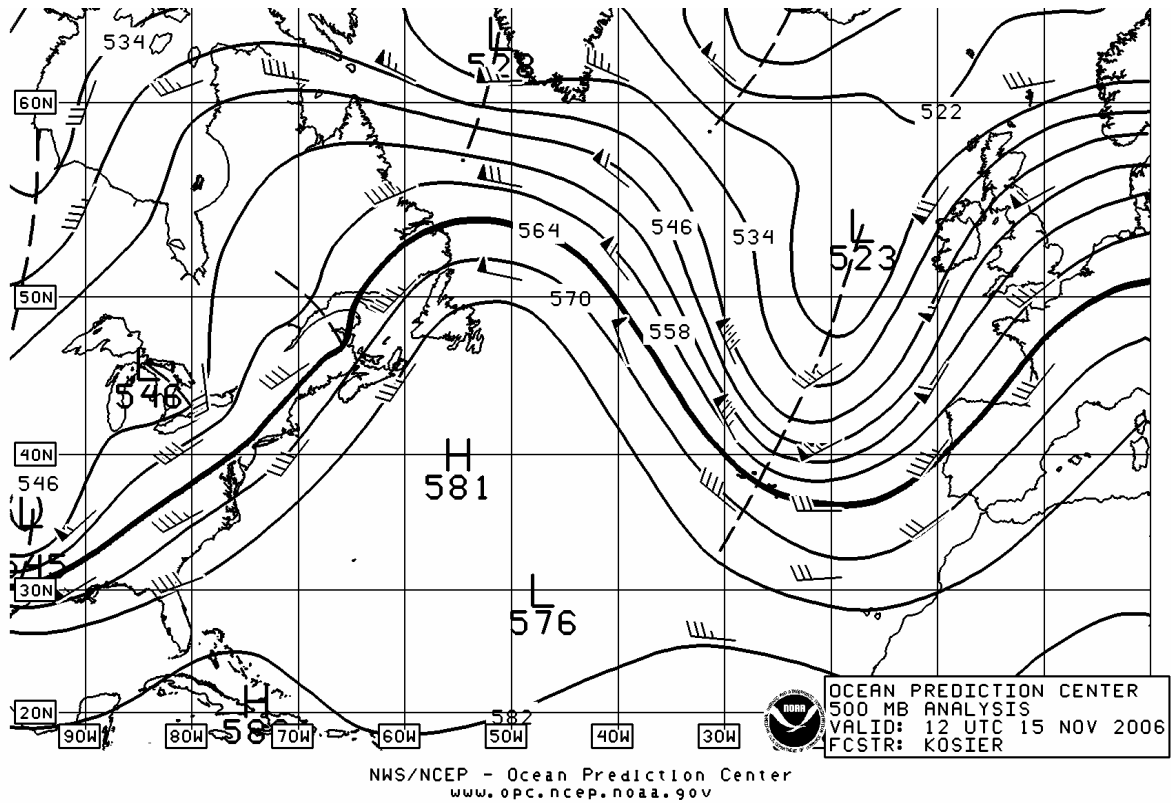
WIND SPEED
 WIND FLAGS
 WSPD (KNTS), LVL= SFC, 12 UTC 15 NOV 2006 (+ 06 H)
 FLAG (KNTS), LVL= SFC, 12 UTC 15 NOV 2006 (+ 06 H)

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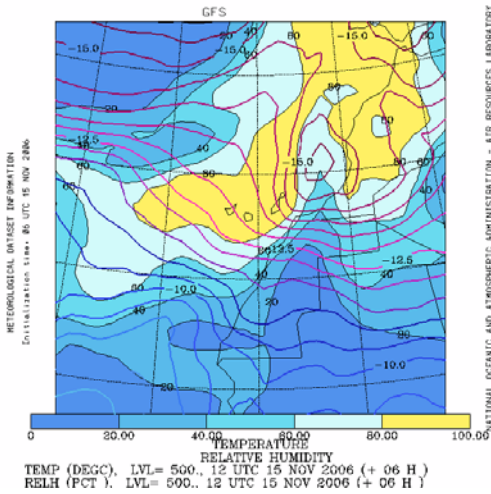
Campos de presión y precipitación en SFC, vientos en SFC, a las 12 h.



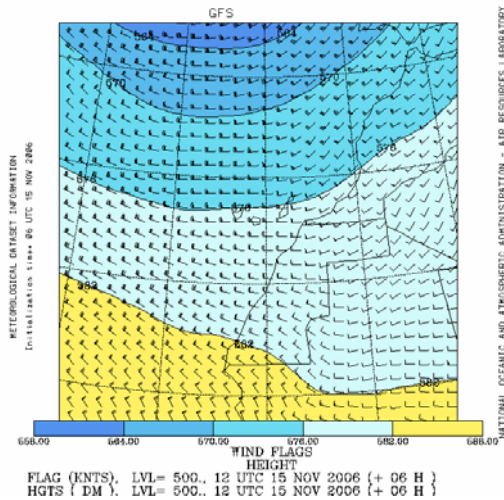
Perturbaciones Significativas : Jague



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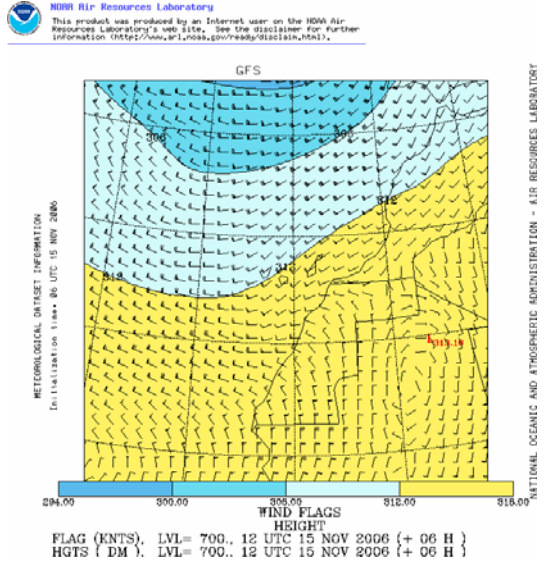
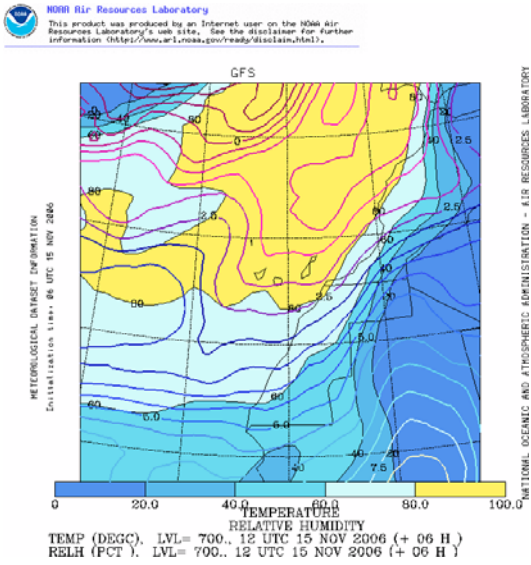


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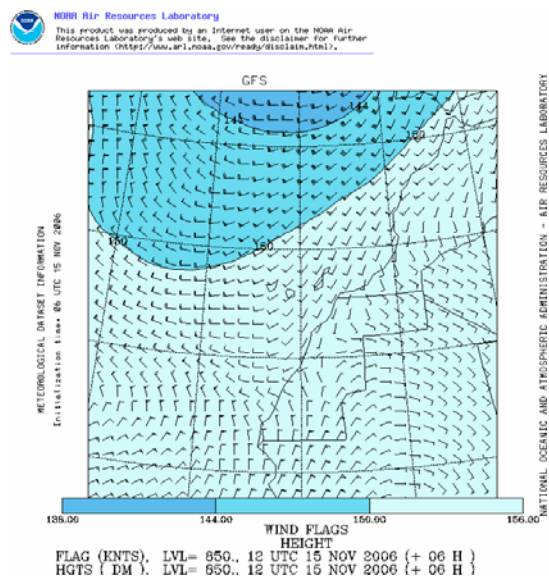
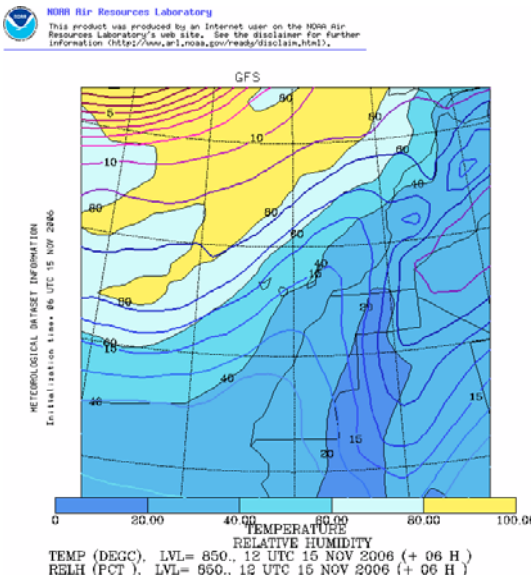


Topografía en 500 hp; humedad, temperatura, geopotencial y vientos a las 12h. Obsérvese el máximo de humedad en esa cota.

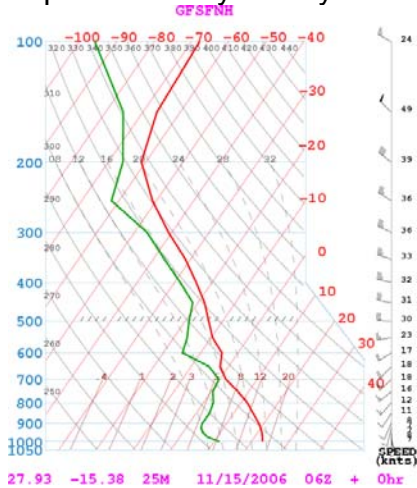
Perturbaciones Significativas : Jague



Isohipsa de 700 hp: temperatura, humedad, vientos y geopotencial.

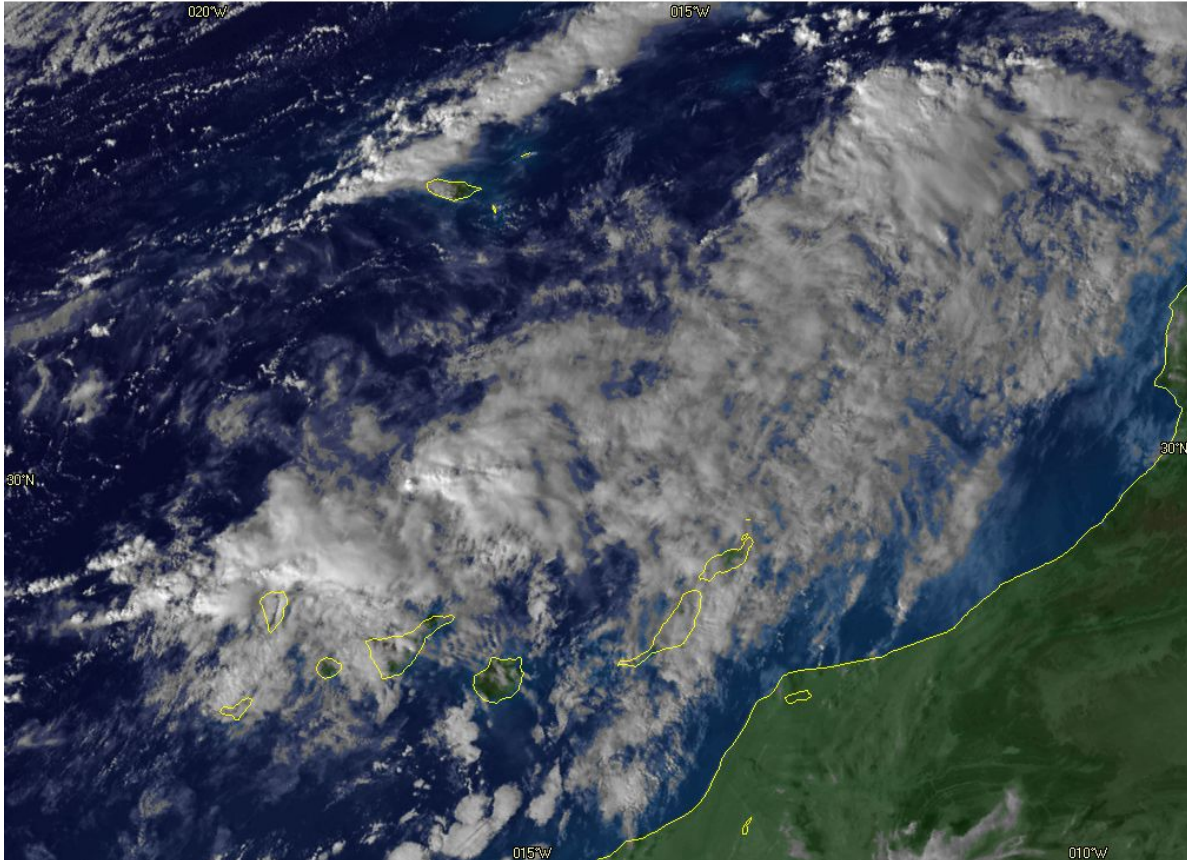


Isohipsa de 850 hp: temperatura, humedad, vientos y geopotencial...A las 06h, la advección de humedad en las capas medias y altas ya es considerable.



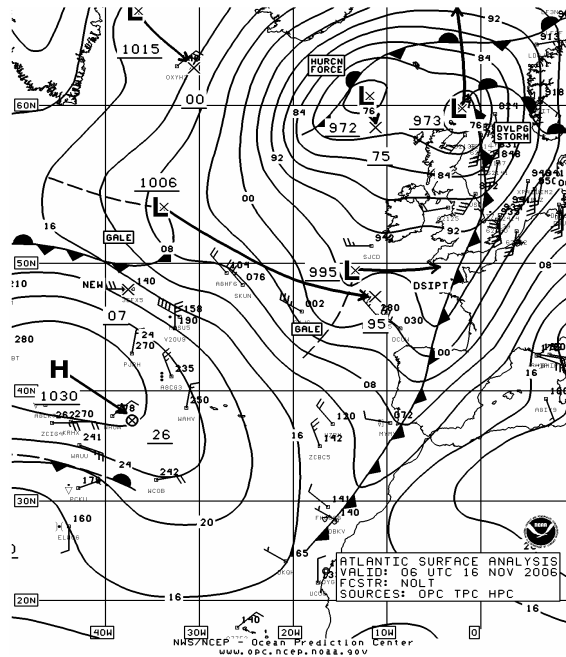
Perturbaciones Significativas : Jague

CanarysiHRV.did
Meteosat 8 [MSG-1] HRIT (visible) - Wednesday, 15 November 2006 @ 15:00:00 (GMT+0:00) - Visible, 0.7µm

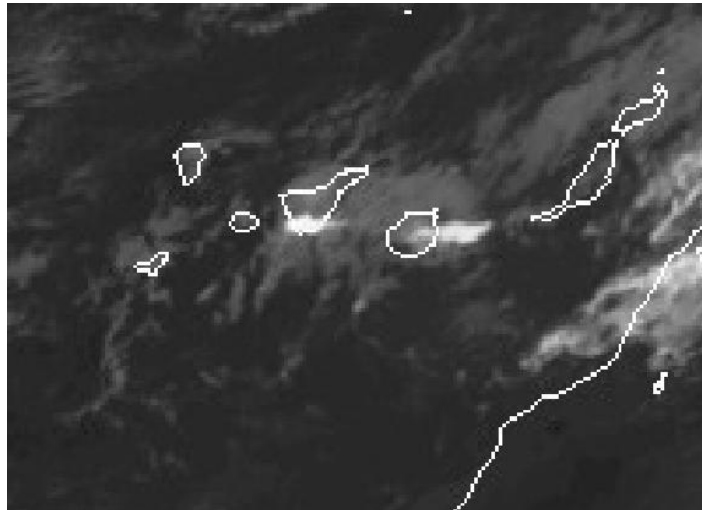


Llegada de la nubosidad frontal a las islas, 15 de noviembre a las 15h, visible.

Campos DIA 16 de noviembre

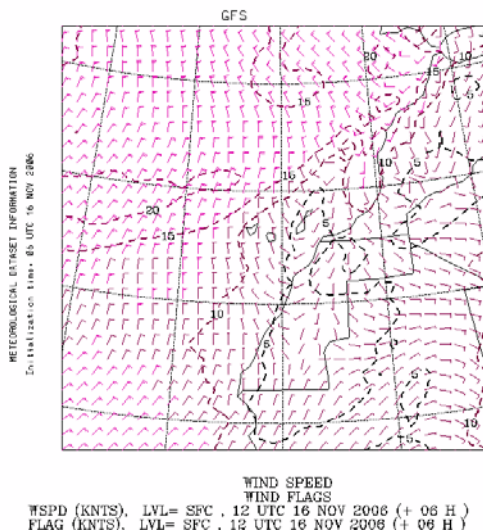


masa de aire muy húmeda e inestable da lugar a la formación de nubosidad de gran desarrollo vertical sobre las islas, que afecta a diferentes zonas con intensos chubascos tormentosos. La masa de aire anterior, calida y seca es sustituida repentinamente por la advección húmeda frontal, desencadenándose los fenómenos descritos. Se puede hablar de una frontogenesis sobre las islas centrales. La consecuencia es acumulados entre 50 y 100 l en numerosos puntos del relieve del N de ambas islas.

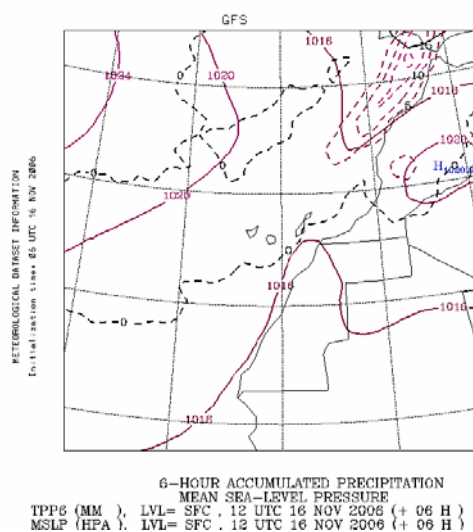


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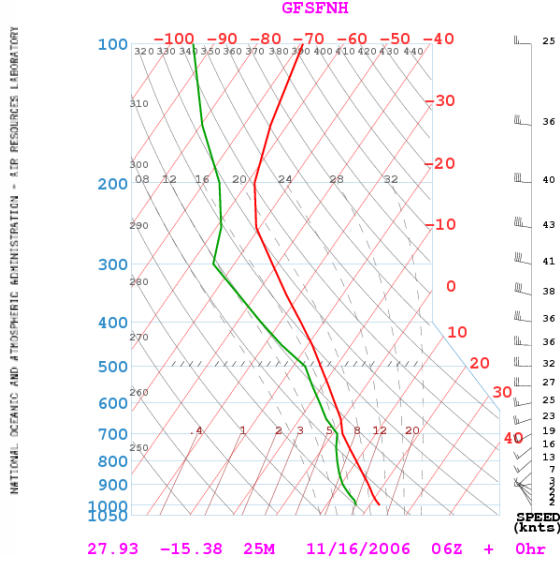
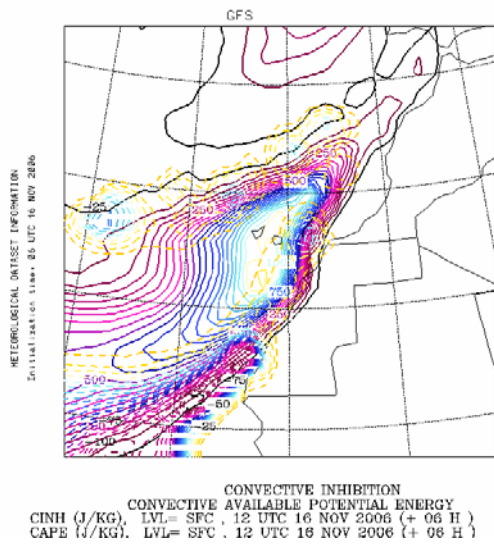


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Situación en SFC: vientos, presión, precipitación. Obsérvese el brusco cambio de la dirección de viento en SFC.

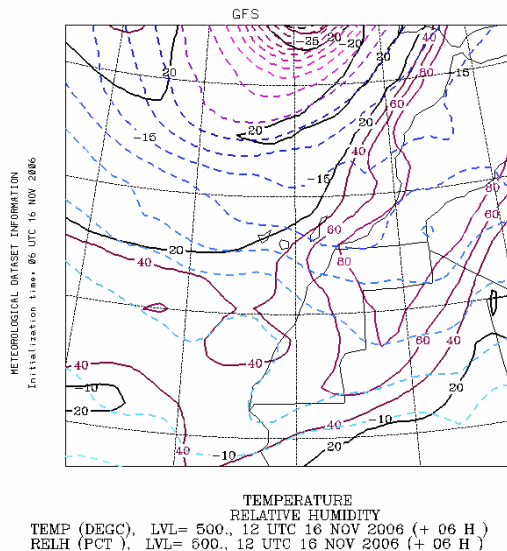
Perturbaciones Significativas : Jague

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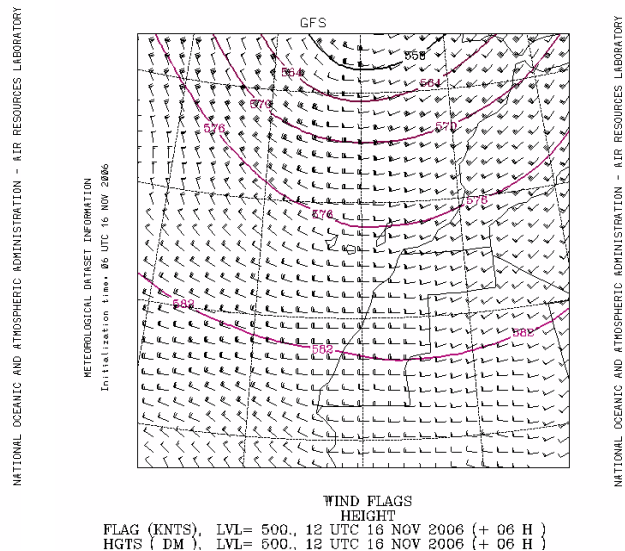


Campos de CAPE para el mediodía del DIA 16. Sondeo previsto para ese DIA a las 06z: a diferencia del DIA anterior, la saturación en los niveles bajos es suficiente y los desarrollos pueden darse con facilidad, funcionando como mecanismos de disparos las brisas y las convergencias a sotavento, en unión al débil flujo del NW.

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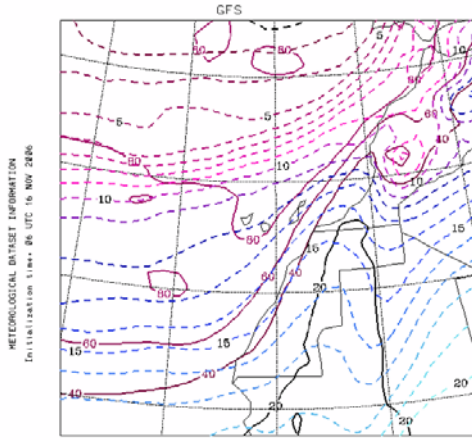
NARR Air Resources Laboratory
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Situación en 500 hp. La inestabilidad térmica no es muy acusada, siendo suficiente la excelente calidad de la masa de aire arrastrada por el frente sobre las islas para justificar la formación de las tormentas.

Perturbaciones Significativas : Jague

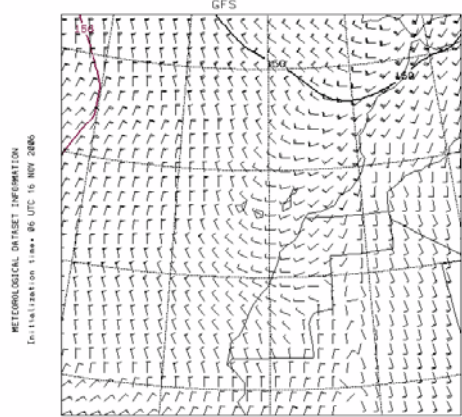
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TEMPERATURE
 RELATIVE HUMIDITY
 TEMP (DEGC), LVL= 850., 12 UTC 16 NOV 2006 (+ 06 H)
 RELH (PCT), LVL= 850., 12 UTC 16 NOV 2006 (+ 06 H)

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WIND FLAGS
 HEIGHT
 FLAG (KNTS), LVL= 850., 12 UTC 16 NOV 2006 (+ 06 H)
 HGTS (DM), LVL= 850., 12 UTC 16 NOV 2006 (+ 06 H)

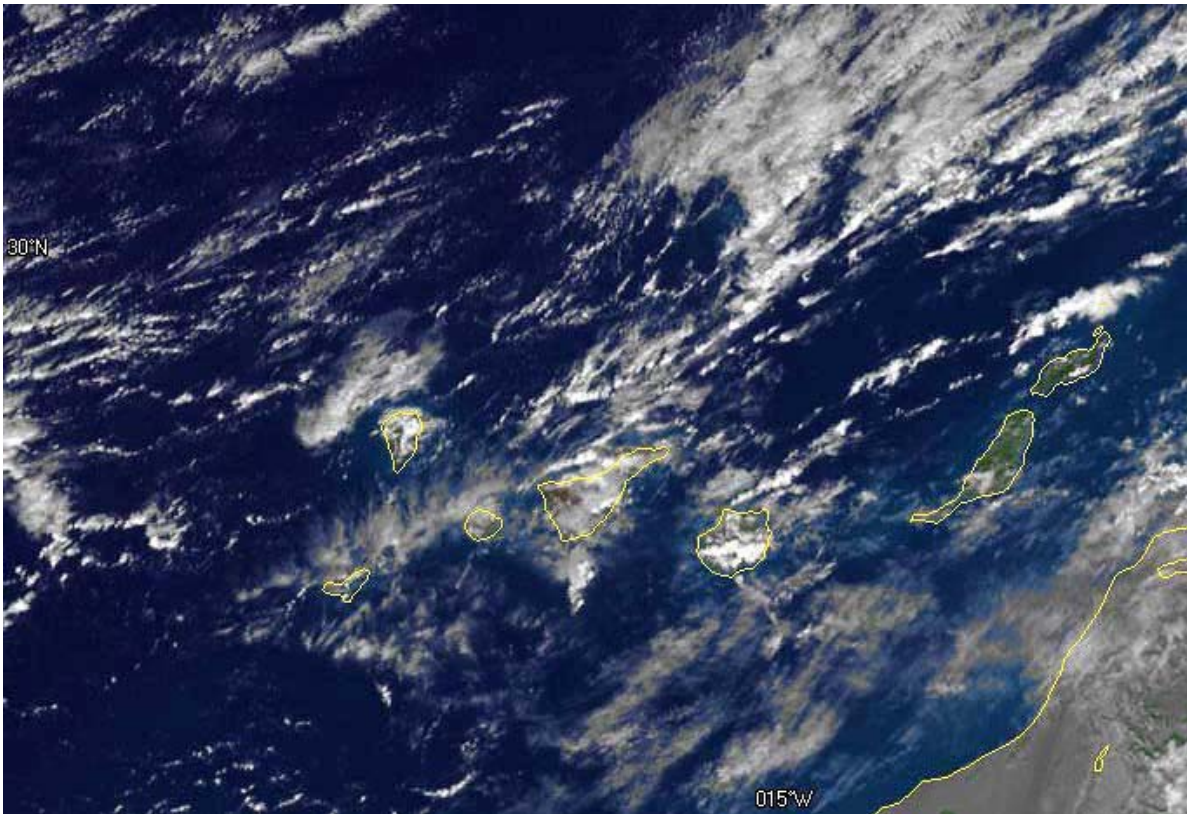
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Idem en la cota de 850 hp

STRIKE	NOISE	BEARING 187°		
Strikes/min	Close/min	Noises/min		
11	9	8		
Total Strikes	Total Close	Total Noises		
5546	498	1191		
Lightning type distribution				
	+CG	-CG	+IC	-IC
Totals	615	3296	1202	433
Ratio %	11.1	59.4	21.7	7.8
16/11/2006 13:09:03				
Squelch	0	Upload	Enabled	
Persistence	10 min	Capture	Active	
AutoRange	100 km	Receiver	Enabled	
Uptime	701:34	Peak time	Plot	
Peak rate	51/min	13:04	Strike	
Trend graph				
SEVERE 120-----150				
-----100				

Localización de descargas eléctricas a las 13.09 min. . del DIA 16. Detector de Acanmet.

Imagen de visible a esa hora, mostrando los desarrollos al sur de GC.y N de TF.





Ejemplos de la excelente nubosidad producida por la perturbación; en el S de TF, sobre el mar, cortesía de José López; sobre las Palmas, por el autor, este Cb daría un intenso chaparrón sobre el Puerto.



Imagen de radar del INM al mediodía, indicando la tormenta al S de GC, y la que afecta al valle de la Orotava. Otro núcleo se aprecia al S de TF, por convergencia a sotavento de los vientos del N con la isla.



Otros ejemplos de nubosidad de gran desarrollo vertical (CBS) en LZ (cortesía de Gustavo).

REPORTES DE PRENSA

La lluvia se lleva la calima

SEGÚN LAS PREVISIONES, LA TIERRA PODRÍA VOLVER A PARTIR DEL LUNES



(Foto: C7)

AMPLIAR

Un desprendimiento destruyó un coche en la carretera de La Aldea.

CANARIAS7

Las Palmas de Gran Canaria

Por fin hizo acto de aparición la lluvia que limpió el ambiente de la calima que durante los últimos días se había instalado en las Islas. Firgas fue uno de los municipios grancanarios que más agua recibió durante la jornada de ayer, donde se recogieron alrededor de 90 litros.

Los chubascos, de intensidad moderada, se dejaron sentir en puntos concretos de la geografía insular, especialmente en Firgas, Lomo Magullo (Telde), -Santa Lucía o Vecindario, donde además hubo abundante aparato eléctrico. En Arucas cayeron «dos palos de agua» durante la mañana que obligaron a desalojar a una veintena de trabajadores de las dependencias de Desarrollo Local.

La tromba de agua que **afectó a numerosos puntos de las medianías de Gran Canaria** ayer se dejó notar especialmente en la Cuenca de las Tirajanas, sobre todo en el casco de Santa Lucía, donde se midieron 22 litros por metro cuadrado, Amurga y Fataga (15) y Tunte, con seis litros.

En zonas del Sureste, muy afectadas por las últimas lluvias, se adoptaron precauciones ante otra posible llegada del agua y, así, por ejemplo, se colocaron sacos de arena en las rotondas del Cruce de Arinaga y, en la zona de playa, los vecinos instalaron plásticos a la entrada de los garajes. En Telde, sobre las cuatro de la tarde, hizo su aparición una lluvia torrencial que convirtió en ríos las calles del municipio, especialmente en las zonas de El Ejido, Calero, Cruce de Melenara y las zonas altas de Lomo Magullo, con gran

aparato eléctrico. En la cumbre, hubo niebla y lluvia mansa.

Desde ayer por la tarde ya se empezó a estabilizar la nubosidad, con lo que se espera que hoy no continúen las lluvias, según las previsiones del Grupo de Prevención y Vigilancia del Centro Meteorológico. Además, este organismo señala que a partir del lunes entrará en altura una depresión que, en función de cómo se sitúe, podría volver a traer calima o lluvia.

La lluvia provocó desprendimientos que obligaron a cerrar la carreteras entre Agaete y La Aldea, como mínimo hasta la mañana de hoy, y la de San José del Álamo, aunque esta última se abrió al tráfico media hora después tras subsanar los desperfectos causados por la caída de un muro.

TOPICS SOBRE JAGUE EN EL FORO CANARIASMET

Comentarios Jueves 16 de Noviembre

<http://meteo.viajesinsular.es/viewtopic.php?t=5127&postdays=0&postorder=asc&start=0>

Comentarios Miércoles 15 de Noviembre

<http://meteo.viajesinsular.es/viewtopic.php?t=5122&highlight=jague>

Comentarios Preliminares

<http://meteo.viajesinsular.es/viewtopic.php?t=5111>

Resumen Precipitaciones

<http://meteo.viajesinsular.es/viewtopic.php?t=5133>

Convección en las Palmas

<http://meteo.viajesinsular.es/viewtopic.php?t=5129>

En el sur de GC

<http://meteo.viajesinsular.es/viewtopic.php?t=5132>

Acumulados pluviometricos- perturbación Jague.

ESTACION	isla	TOTAL LITROS
San Miguel Geneto	TF	35,6
Los Rodeos	TF	116
Arafo	TF	13,1
La Laguna-Verdellada	TF	55
Las Palmas.Triana	GC	10
La Gallega Noble	TF	11,4
Finca España-La Laguna	TF	30
Barroso-Orotava	TF	60
Playa Blanca	LZ	0,6
Santa Cruz TF	TF	8
La Orotava	TF	63
San Mateo	GC	78
La Laguna	TF	44
Tacoronte	TF	107
Roque los Muchachos	LP	4,8
La Esperanza	TF	69,4
Las Palmas-Alcaravaneras	GC	11
Arucas	Gc	25,8
San Sebastian	GO	20,6
Frontera	HIE	9,6
Antigua	FV	0,6
Tinajo	LZ	7,6
Mazo	LP	6
Tegueste	TF	32
Almatriche	GC	22
Teror	GC	40
Puntallana	LP	74
Fontanales	GC	117
Moya	GC	55
Cortijo Pavon	GC	50
Fataga	GC	78,7
Ayagaures	GC	56
Artenara	GC	47,5

DATOS RED DE ESTACIONES DEL CABILDO DE TF.

108,2 mm en Palo Blanco-Realejos
102,0 mm en Benijos-La Orotava
92,9 mm en Aguagarcía-Tacoronte
88,0 mm en Ravelo-El Sauzal
80,5 mm en la Suerte-La Orotava
78,2 mm en Redondo-Icod de los Vinos
76,7 mm en Llanito Perera-Icod de los Vinos
74,1 mm en la Matanza de Acentejo
73,4 mm en la Guancha-Costa
69,2 mm en la Victoria de Acentejo
68,0 mm en el Ratiño-La Orotava
55,0 mm en Tegueste
47,5 mm en el Rincón de la Orotava
37,7 mm en Tierra del Trigo-Los Silos
30,2 mm en el Palmar de Buenavista
29,2 mm en Santa Úrsula
22,4 mm en Buenavista del Norte
19,1 mm en Santiago del Teide
16,6 mm en Barranco de Badajoz-Güimar
15,2 mm en Barranco Llanitos-Guía Isora
14,5 mm en Tejina
12,1 mm en el Bueno-Arico
10,2 mm en Lomo de Mena-Güimar
8,0 mm en Barranco Ortiz-Arico
7,9 mm en Los Llanos de San Juan-Arico(costa)
6,8 mm en el Pozo de Guía de Isora
5,6 mm en Morra del Tanque-Güimar
5,1 mm en Topo Negro-Güimar
4,2 mm en Charco del Pino-Granadilla
2,9 mm en Bodegas Abona-Arico
2,4 mm en Playa San Juan-Guía Isora
1,8 mm en Vilaflor
1,3 mm en el Pinalete de Granadilla
0,6 mm en Guargacho-las Galletas
0,3 mm en Chío-Guía Isora

RESUMEN

La perturbación “Jague” se considero significativa por:

1. La asociación de una linea frontal asociada a una borrasca situada muy lejos del archipiélago con una masa de aire subtropical muy humedo e inestable, resto de una borrasca en desaparición que se encontraba muy al SW de las Azores; la presencia de estas influencias tropicaloides dan lugar a episodios importantes durante el otoño con frecuencia;
2. La interaccion de dichas masas de aire con el relieve de TF y GC, dando lugar a precipitaciones muy efectivas y la presencia de fenómenos tormentosos, que dejan importantes acumulados sobre el relieve.

ANEXOS

RADIOSONDEOS

60018 Guimar-Tenerife Observations at 00Z 15 Nov 2006

PRES hPa	HGHT m	TEMP C	DWPT C	RELH %	MIXR g/kg	DRCT deg	SKNT knot	THTA K	THTE K	THTV K
1003.0	111	20.2	16.6	80	11.98	325	1	293.1	327.4	295.2
1000.0	129	21.2	18.4	84	13.50	350	1	294.4	333.1	296.7
991.0	207	20.8	18.8	88	13.98	331	1	294.7	334.9	297.2
925.0	803	21.4	7.4	40	7.03	190	5	301.2	322.4	302.5
921.0	841	21.6	6.6	38	6.68	190	5	301.8	322.0	303.0
850.0	1531	17.2	3.2	39	5.70	185	6	304.1	321.7	305.2
831.0	1724	16.0	3.0	42	5.75	201	7	304.9	322.6	305.9
775.0	2304	10.9	1.8	53	5.65	250	11	305.5	323.0	306.5
700.0	3150	3.4	0.0	78	5.50	240	15	306.2	323.3	307.2
699.0	3161	3.3	-0.1	79	5.48	240	14	306.2	323.2	307.2
679.0	3393	1.2	-1.4	82	5.10	255	17	306.5	322.4	307.4
619.0	4132	-5.3	-5.8	96	4.03	266	22	307.2	319.9	307.9
606.0	4298	-6.3	-9.9	76	2.99	269	23	307.9	317.5	308.5
603.0	4337	-6.1	-16.1	45	1.81	269	23	308.6	314.6	308.9
587.0	4546	-7.9	-16.9	48	1.74	273	24	308.9	314.7	309.2
583.0	4600	-7.9	-17.9	45	1.61	274	24	309.5	314.9	309.8
580.0	4640	-7.5	-28.5	17	0.63	274	25	310.4	312.6	310.5
576.0	4693	-7.8	-29.2	16	0.60	275	25	310.7	312.8	310.8
556.0	4966	-9.1	-32.6	13	0.45	265	27	312.2	313.9	312.3
542.0	5164	-10.1	-35.1	11	0.36	268	31	313.4	314.7	313.4
534.0	5278	-10.9	-30.9	18	0.55	269	33	313.7	315.7	313.8
530.0	5335	-11.5	-15.0	75	2.26	270	34	313.7	321.3	314.1
527.0	5379	-11.1	-27.1	25	0.79	270	34	314.7	317.5	314.8
521.0	5467	-11.7	-38.7	9	0.26	270	33	315.0	316.0	315.0
500.0	5780	-13.9	-32.9	18	0.48	270	31	316.0	317.8	316.1
484.0	6026	-15.9	-32.9	22	0.50	270	28	316.5	318.4	316.6
483.0	6042	-16.0	-32.7	22	0.51	270	28	316.6	318.4	316.7

Perturbaciones Significativas : Jague

442.0	6705	-21.1	-24.4	75	1.21	274	41	318.3	322.5	318.5
437.0	6789	-20.3	-21.4	91	1.59	274	42	320.3	325.9	320.6
432.0	6874	-20.9	-22.1	90	1.51	275	44	320.7	326.0	321.0
400.0	7440	-24.5	-26.9	80	1.06	265	35	323.1	326.9	323.3
385.0	7712	-26.5	-29.4	77	0.88	265	29	323.9	327.2	324.1
337.0	8658	-33.6	-38.0	65	0.43	290	33	326.9	328.5	327.0
319.0	9048	-36.5	-41.5	60	0.32	295	33	328.0	329.2	328.1
312.0	9201	-37.5	-44.5	48	0.23	297	33	328.7	329.6	328.7
301.0	9447	-39.7	-52.7	24	0.10	300	33	329.0	329.4	329.0
300.0	9470	-39.9	-52.9	24	0.09	300	33	329.0	329.4	329.0
288.0	9743	-42.4	-54.5	25	0.08	300	37	329.3	329.6	329.3
250.0	10690	-51.1	-60.1	33	0.05	285	40	330.0	330.2	330.0
215.0	11643	-59.8	-65.2	49	0.03	280	39	331.1	331.2	331.1
200.0	12100	-63.9	-67.6	60	0.02	280	48	331.4	331.5	331.4
197.0	12193	-64.5	-68.4	58	0.02	280	49	331.9	332.0	331.9
196.0	12224	-64.7	-68.7	58	0.02	282	49	332.1	332.1	332.1
189.0	12445	-65.3	-70.4	49	0.02	300	52	334.6	334.6	334.6
178.0	12811	-66.3	-73.3	37	0.01	300	56	338.7	338.8	338.7
170.0	13090	-66.3	-74.6	30	0.01	295	61	343.2	343.2	343.2
164.0	13308	-66.3	-75.7	26	0.01	295	46	346.7	346.8	346.7
150.0	13850	-66.3	-78.3	17	0.01	300	51	355.7	355.7	355.7
147.0	13972	-66.2	-79.1	15	0.01	290	46	358.0	358.0	358.0
138.0	14355	-65.7	-81.7	9	0.00	290	57	365.3	365.3	365.3
129.0	14762	-66.1	-83.1	8	0.00	300	37	371.7	371.8	371.7
111.0	15670	-66.9	-86.3	5	0.00	290	46	386.5	386.5	386.5
100.0	16300	-67.5	-88.5	4	0.00	295	24	397.1	397.1	397.1
96.0	16547	-67.1	-88.7	3	0.00	275	21	402.5	402.5	402.5
91.0	16871	-66.6	-89.0	3	0.00	290	27	409.7	409.7	409.7
87.0	17143	-66.2	-89.2	3	0.00	280	19	415.9	415.9	415.9
85.0	17284	-65.9	-89.3	3	0.00	240	11	419.1	419.1	419.1
84.0	17356	-65.8	-89.4	2	0.00	230	12	420.8	420.8	420.8
77.0	17883	-65.0	-89.9	2	0.00	280	22	433.1	433.1	433.1
76.4	17930	-64.9	-89.9	2	0.00	278	21	434.2	434.2	434.2
74.0	18123	-65.8	-91.2	2	0.00	270	17	436.4	436.4	436.4
71.0	18374	-66.9	-92.8	2	0.00	245	20	439.2	439.2	439.2
70.4	18426	-67.1	-93.1	1	0.00	245	22	439.8	439.8	439.8
70.0	18460	-66.9	-91.9	2	0.00	245	24	440.9	440.9	440.9
69.0	18548	-65.6	-91.8	2	0.00	245	25	445.5	445.5	445.5
66.8	18746	-62.7	-91.7	1	0.00	256	23	456.0	456.0	456.0
62.8	19124	-65.3	-94.3	1	0.00	276	18	458.3	458.4	458.3
62.0	19203	-65.0	-94.1	1	0.00	280	17	460.7	460.7	460.7
61.0	19304	-64.6	-93.9	1	0.00	255	8	463.6	463.6	463.6
59.0	19509	-63.9	-93.4	1	0.00	235	10	469.8	469.8	469.8
56.0	19831	-62.7	-92.7	1	0.00	245	18	479.6	479.6	479.6
52.0	20288	-61.0	-91.7	1	0.00	275	23	493.8	493.8	493.8
51.0	20408	-60.5	-91.4	1	0.00	280	19	497.5	497.6	497.5
50.0	20530	-60.1	-91.1	1	0.00	280	17	501.4	501.4	501.4
49.0	20657	-59.8	-90.8	1	0.00	280	10	505.1	505.2	505.1
47.0	20918	-59.0	-90.3	1	0.00	245	4	512.9	512.9	512.9
45.0	21191	-58.3	-89.8	1	0.00	245	10	521.1	521.1	521.1
44.0	21332	-57.9	-89.5	1	0.00	260	10	525.4	525.4	525.4
41.0	21775	-56.7	-88.6	1	0.00	205	14	539.1	539.1	539.1
40.0	21930	-56.3	-88.3	1	0.00	215	15	544.0	544.0	544.0
38.0	22255	-56.9	-88.9	1	0.00	195	17	550.4	550.4	550.4
37.5	22338	-57.1	-89.1	1	0.00	197	16	552.0	552.1	552.0
37.0	22424	-56.6	-88.7	1	0.00	200	14	555.4	555.4	555.4
35.0	22779	-54.6	-87.1	1	0.01	210	29	569.4	569.5	569.4
32.4	23271	-51.9	-84.9	1	0.01	230	24	589.4	589.5	589.5
30.0	23770	-50.7	-84.7	1	0.01	250	18	605.8	605.9	605.8
29.0	23991	-50.4	-84.4	1	0.01	245	19	612.5	612.6	612.5
28.0	24220	-50.1	-84.1	1	0.01	220	23	619.5	619.6	619.5
26.7	24530	-49.7	-83.7	1	0.01	242	29	629.1	629.3	629.1
26.0	24703	-49.8	-83.8	1	0.01	255	32	633.6	633.7	633.6

Perturbaciones Significativas : Jague

25.6	24804	-49.9	-83.9	1	0.01	253	30	636.2	636.3	636.2
25.0	24960	-47.2	-82.0	1	0.02	250	28	648.4	648.5	648.4
24.9	24987	-46.7	-81.7	1	0.02	254	28	650.4	650.6	650.4
24.0	25229	-47.2	-82.0	1	0.02	295	27	655.9	656.1	655.9
22.0	25803	-48.4	-82.6	1	0.02	290	16	669.0	669.2	669.0
21.1	26078	-48.9	-82.9	1	0.02	259	17	675.3	675.5	675.3
21.0	26109	-48.8	-82.9	1	0.02	255	17	676.6	676.8	676.6
20.0	26430	-47.7	-82.7	1	0.02	270	15	689.4	689.6	689.4
19.0	26773	-46.9	-82.0	1	0.03	290	13	702.2	702.5	702.2
18.0	27135	-46.0	-81.2	1	0.03	230	11	715.9	716.2	715.9
17.0	27517	-45.0	-80.5	1	0.04	270	11	730.7	731.1	730.7
16.0	27923	-44.0	-79.6	1	0.04	265	13	746.7	747.2	746.7
15.0	28355	-43.0	-78.8	1	0.05	265	18	764.1	764.7	764.1
14.0	28816	-41.9	-77.8	1	0.07	245	19	783.1	783.9	783.2
13.7	28961	-41.5	-77.5	1	0.07	239	21	789.2	790.1	789.2
13.0	29314	-43.8	-79.1	1	0.06	225	26	793.3	794.0	793.4
12.6	29524	-45.1	-80.1	1	0.05			795.8	796.4	795.8

Station information and sounding indices

Station number: 60018
 Observation time: 061115/0000
 Station latitude: 28.31
 Station longitude: -16.37
 Station elevation: 111.0
 Showalter index: 1.65
 Lifted index: -2.58
 LIFT computed using virtual temperature: -3.02
 SWEAT index: 81.41
 K index: 30.90
 Cross totals index: 17.10
 Vertical totals index: 31.10
 Totals totals index: 48.20
 Convective Available Potential Energy: 487.74
 CAPE using virtual temperature: 550.59
 Convective Inhibition: -287.09
 CINS using virtual temperature: -234.10
 Equilibrium Level: 320.58
 Equilibrium Level using virtual temperature: 319.30
 Level of Free Convection: 718.11
 LFCT using virtual temperature: 727.27
 Bulk Richardson Number: 23.79
 Bulk Richardson Number using CAPV: 26.85
 Temp [K] of the Lifted Condensation Level: 287.56
 Pres [hPa] of the Lifted Condensation Level: 900.27
 Mean mixed layer potential temperature: 296.36
 Mean mixed layer mixing ratio: 11.84
 1000 hPa to 500 hPa thickness: 5651.00
 Precipitable water [mm] for entire sounding: 29.06

60018 Guimar-Tenerife Observations at 12Z 15 Nov 2006

PRES hPa	HGHT m	TEMP C	DWPT C	RELH %	MIXR g/kg	DRCT deg	SKNT knot	THTA K	THTE K	THTV K
1001.0	111	24.6	10.6	41	8.08	225	3	297.7	321.5	299.1
1000.0	114	24.4	10.4	41	7.97	195	5	297.6	321.1	299.0
988.0	219	23.7	9.7	41	7.68	195	10	297.8	320.6	299.2
935.0	697	20.3	6.3	40	6.42	225	11	299.1	318.4	300.3
925.0	790	19.6	5.6	40	6.20	215	9	299.3	318.0	300.5
890.0	1121	17.4	3.5	39	5.54	205	20	300.4	317.2	301.4
886.0	1160	17.2	3.2	39	5.46	212	20	300.6	317.2	301.6

Perturbaciones Significativas : Jaque

877.0	1247	18.2	3.2	37	5.52	229	19	302.5	319.4	303.5
874.0	1276	18.0	3.1	37	5.51	235	19	302.6	319.4	303.6
850.0	1514	16.4	2.4	39	5.38	240	19	303.3	319.9	304.3
790.0	2121	11.3	1.0	49	5.22	230	28	304.3	320.5	305.3
751.0	2541	7.8	-0.0	57	5.11	245	39	305.0	320.8	305.9
700.0	3124	3.0	-1.4	73	4.96	265	31	305.8	321.2	306.7
694.0	3193	2.4	-1.5	76	4.95	265	32	305.8	321.2	306.7
656.0	3646	-1.9	-2.4	96	4.91	263	32	306.0	321.3	306.9
616.0	4143	-5.4	-5.6	99	4.12	260	33	307.5	320.5	308.3
606.0	4272	-6.3	-6.4	99	3.93	255	33	307.9	320.4	308.6
584.0	4559	-7.5	-8.2	95	3.55	245	33	309.7	321.1	310.4
560.0	4884	-8.9	-10.2	90	3.15	250	30	311.8	322.1	312.4
547.0	5066	-9.7	-11.4	87	2.94	275	31	313.0	322.7	313.6
518.0	5487	-11.5	-14.1	81	2.50	275	31	315.7	324.1	316.2
506.0	5669	-12.3	-15.2	79	2.33	264	28	316.9	324.8	317.4
502.0	5729	-12.3	-16.1	73	2.19	260	27	317.6	325.1	318.0
500.0	5760	-12.3	-16.5	71	2.12	260	26	318.0	325.2	318.4
474.0	6164	-14.8	-19.9	65	1.68	270	24	319.8	325.6	320.1
449.0	6575	-17.3	-23.3	60	1.31	275	26	321.6	326.3	321.9
407.0	7303	-22.7	-30.7	48	0.73	283	30	323.8	326.5	323.9
400.0	7430	-23.7	-30.7	53	0.75	285	31	324.1	326.9	324.2
364.0	8114	-29.5	-33.2	70	0.64	290	42	325.2	327.6	325.3
334.0	8723	-33.7	-40.8	49	0.33	295	52	327.5	328.8	327.6
326.0	8894	-34.9	-42.9	44	0.27	293	51	328.2	329.2	328.2
321.0	9002	-35.9	-44.9	39	0.22	291	50	328.2	329.1	328.3
300.0	9470	-40.1	-48.1	42	0.16	285	46	328.7	329.4	328.8
264.0	10318	-47.5	-54.1	47	0.09	290	41	330.1	330.5	330.1
250.0	10680	-50.7	-56.7	49	0.07	295	45	330.6	330.9	330.6
237.0	11027	-53.7	-59.7	48	0.05	302	48	331.1	331.3	331.1
231.0	11189	-55.0	-61.0	47	0.05	305	49	331.6	331.8	331.6
200.0	12100	-62.1	-68.1	44	0.02	290	52	334.3	334.4	334.3
198.0	12162	-62.3	-68.3	44	0.02	290	53	334.9	335.0	334.9
195.0	12257	-59.3	-67.3	35	0.02	290	55	341.2	341.3	341.2
182.0	12681	-61.1	-70.7	27	0.02	290	64	345.0	345.1	345.0
161.0	13435	-64.3	-76.7	17	0.01	310	57	352.0	352.0	352.0
150.0	13870	-66.1	-80.1	13	0.00	310	41	356.0	356.1	356.0
142.0	14200	-68.2	-82.2	12	0.00	300	29	358.0	358.1	358.0
140.0	14285	-68.7	-82.7	12	0.00	295	31	358.6	358.6	358.6
129.0	14775	-68.7	-83.1	11	0.00	295	39	367.1	367.1	367.1
117.0	15360	-68.6	-83.7	10	0.00	315	36	377.6	377.6	377.6
112.0	15621	-68.6	-83.9	9	0.00	305	26	382.4	382.4	382.4
106.0	15951	-68.5	-84.2	9	0.00	315	22	388.5	388.6	388.5
100.0	16300	-68.5	-84.5	8	0.00	275	21	395.1	395.1	395.1
97.0	16482	-68.7	-84.6	9	0.00	280	27	398.1	398.2	398.1
94.0	16669	-68.9	-84.6	9	0.00	260	18	401.3	401.3	401.3
88.0	17063	-69.4	-84.8	9	0.00	265	20	408.0	408.0	408.0
83.0	17412	-69.8	-84.9	10	0.00	225	10	414.1	414.1	414.1
82.0	17485	-69.9	-84.9	10	0.00	238	12	415.3	415.3	415.3
80.0	17634	-68.9	-84.1	10	0.00	265	15	420.3	420.3	420.3
77.0	17864	-67.3	-82.8	10	0.01	255	17	428.2	428.2	428.2
71.8	18285	-64.5	-80.5	9	0.01	262	16	442.8	442.9	442.8
70.0	18440	-65.7	-82.7	8	0.01	265	15	443.5	443.5	443.5
68.0	18617	-65.3	-82.3	8	0.01	245	12	448.0	448.1	448.0
63.0	19084	-64.3	-81.3	8	0.01	255	24	460.2	460.2	460.2
58.6	19527	-63.3	-80.3	8	0.01	252	18	472.0	472.1	472.0
56.0	19808	-62.4	-79.7	8	0.01	250	14	480.1	480.2	480.1
52.0	20267	-61.0	-78.8	8	0.02	210	12	493.6	493.8	493.6
50.0	20510	-60.3	-78.3	8	0.02	230	18	500.9	501.1	501.0
46.0	21030	-59.6	-77.0	9	0.02	230	20	514.8	515.0	514.8
45.0	21168	-59.4	-76.7	9	0.03	215	24	518.5	518.7	518.5
43.0	21451	-59.0	-76.0	9	0.03	225	30	526.3	526.5	526.3
42.7	21495	-58.9	-75.9	9	0.03	228	29	527.5	527.7	527.5
40.0	21909	-55.7	-72.7	10	0.05	255	18	545.4	545.8	545.4

Perturbaciones Significativas : Jague

38.2	22201	-53.5	-70.5	11	0.07	267	24	558.3	558.9	558.3
37.0	22407	-53.2	-70.5	10	0.08	275	28	564.1	564.7	564.1
36.0	22584	-53.0	-70.5	10	0.08	285	22	569.1	569.7	569.1
35.0	22766	-52.8	-70.5	10	0.08	260	10	574.3	575.0	574.3
34.0	22953	-52.5	-70.5	10	0.08	240	7	579.7	580.4	579.7
33.0	23145	-52.3	-70.5	9	0.09	290	10	585.3	586.0	585.4
32.0	23344	-52.0	-70.5	9	0.09	285	12	591.2	591.9	591.2
31.0	23549	-51.8	-70.5	9	0.09	225	18	597.3	598.0	597.3
30.0	23760	-51.5	-70.5	9	0.09	220	23	603.6	604.4	603.7
28.0	24209	-51.6	-70.0	9	0.11	250	14	615.3	616.2	615.3
27.0	24446	-51.7	-69.7	10	0.12	233	13	621.5	622.5	621.6
26.0	24693	-48.8	-67.7	9	0.16	215	11	636.5	637.9	636.6
25.9	24718	-48.5	-67.5	9	0.17	217	11	638.0	639.5	638.1
24.0	25219	-49.5	-69.1	8	0.15	255	12	649.2	650.5	649.2
23.0	25498	-50.1	-69.9	8	0.13	200	17	655.5	656.7	655.5
22.6	25614	-50.3	-70.3	8	0.13	208	17	658.1	659.3	658.1
21.0	26098	-48.1	-69.9	6	0.15	240	16	678.5	679.9	678.6
20.0	26420	-46.7	-69.7	6	0.16	230	12	692.5	694.0	692.5
19.9	26453	-46.5	-69.5	6	0.16	230	13	694.1	695.7	694.1
19.0	26759	-47.4	-69.9	6	0.16	225	20	700.6	702.2	700.6
18.1	27080	-48.3	-70.3	6	0.16	234	17	707.5	709.1	707.5
18.0	27117	-48.2	-70.3	6	0.16	235	17	708.9	710.5	708.9
17.0	27499	-47.2	-70.0	6	0.18	245	18	723.7	725.5	723.8
16.0	27904	-46.2	-69.8	5	0.20	260	18	739.7	741.7	739.8
15.0	28335	-45.1	-69.5	5	0.22	240	19	757.1	759.4	757.2
14.0	28795	-43.9	-69.2	4	0.24	265	17	776.2	778.8	776.3
13.0	29290	-42.6	-68.9	4	0.27	275	10	797.2	800.2	797.3
12.3	29660	-41.7	-68.7	4	0.30	306	18	813.2	816.6	813.4
12.0						320	21			

Station information and sounding indices

Station number: 60018
 Observation time: 061115/1200
 Station latitude: 28.31
 Station longitude: -16.37
 Station elevation: 111.0
 Showalter index: 4.25
 Lifted index: 4.24
 LIFT computed using virtual temperature: 4.25
 SWEAT index: 160.54
 K index: 26.70
 Cross totals index: 14.70
 Vertical totals index: 28.70
 Totals totals index: 43.40
 Convective Available Potential Energy: 0.00
 CAPE using virtual temperature: 0.00
 Convective Inhibition: 0.00
 CINS using virtual temperature: 0.00
 Bulk Richardson Number: 0.00
 Bulk Richardson Number using CAPV: 0.00
 Temp [K] of the Lifted Condensation Level: 278.78
 Pres [hPa] of the Lifted Condensation Level: 790.18
 Mean mixed layer potential temperature: 298.20
 Mean mixed layer mixing ratio: 7.31
 1000 hPa to 500 hPa thickness: 5646.00
 Precipitable water [mm] for entire sounding: 27.49

60018 Guimar-Tenerife Observations at 00Z 16 Nov 2006

PRES	HGHT	TEMP	DWPT	RELH	MIXR	DRCT	SKNT	THTA	THTE	THTV
hPa	m	C	C	%	g/kg	deg	knot	K	K	K

Perturbaciones Significativas : Jague

1001.0	111	22.2	17.5	75	12.73	320	3	295.3	332.0	297.5
1000.0	111	22.2	17.4	74	12.66	320	3	295.4	331.9	297.6
967.0	402	20.4	18.1	87	13.70	350	3	296.4	336.1	298.8
931.0	729	18.4	14.1	76	10.98	24	4	297.6	329.6	299.5
925.0	785	18.6	12.6	68	10.00	30	4	298.3	327.7	300.1
883.0	1183	17.8	6.8	49	7.06	25	3	301.5	322.8	302.8
850.0	1507	15.0	6.0	55	6.94	20	3	301.9	322.8	303.1
825.0	1759	12.7	5.7	63	7.02	290	1	301.9	323.2	303.2
814.0	1872	11.6	5.6	67	7.05	288	4	302.0	323.3	303.3
792.0	2101	11.4	4.4	62	6.66	283	11	304.1	324.5	305.4
775.0	2280	10.0	3.7	65	6.47	280	16	304.6	324.4	305.8
747.0	2584	7.7	2.5	69	6.15	250	16	305.3	324.2	306.4
713.0	2968	4.8	0.9	76	5.77	245	21	306.1	324.0	307.2
700.0	3120	3.6	0.3	79	5.62	250	23	306.4	323.9	307.5
651.0	3704	-0.3	-2.5	85	4.90	270	27	308.4	323.8	309.3
619.0	4109	-3.1	-4.5	90	4.45	269	28	309.7	323.9	310.6
611.0	4212	-2.1	-7.1	69	3.69	269	28	312.0	324.0	312.7
534.0	5267	-11.1	-11.2	99	3.06	266	32	313.5	323.6	314.1
500.0	5770	-14.7	-14.8	99	2.44	265	33	315.1	323.2	315.5
473.0	6188	-17.9	-18.1	98	1.96	266	37	316.1	322.8	316.5
469.0	6252	-16.7	-19.8	77	1.71	266	38	318.4	324.3	318.7
458.0	6430	-17.9	-25.9	50	1.02	267	40	319.1	322.7	319.2
434.0	6831	-20.5	-22.7	83	1.43	268	44	320.7	325.7	321.0
412.0	7214	-23.7	-28.7	63	0.87	269	48	321.4	324.6	321.6
400.0	7430	-25.1	-27.7	79	0.99	270	50	322.3	325.9	322.5
382.0	7762	-27.7	-29.2	87	0.90	270	50	323.1	326.4	323.3
373.0	7932	-28.3	-32.6	67	0.67	270	51	324.5	327.0	324.7
300.0	9450	-40.7	-47.7	47	0.17	270	53	327.9	328.6	327.9
284.0	9822	-43.5	-51.5	41	0.12	267	56	329.1	329.5	329.1
271.0	10134	-46.1	-54.4	38	0.09	265	58	329.8	330.1	329.8
252.0	10617	-50.1	-59.0	34	0.05	280	53	330.8	331.0	330.8
250.0	10670	-50.5	-59.5	34	0.05	275	53	330.9	331.1	330.9
243.0	10854	-52.1	-61.1	33	0.04	273	53	331.2	331.3	331.2
219.0	11517	-56.2	-63.5	39	0.03	265	51	334.8	335.0	334.8
214.0	11665	-57.1	-64.1	41	0.03	268	51	335.6	335.8	335.6
200.0	12090	-58.3	-68.3	27	0.02	275	52	340.3	340.4	340.3
188.0	12479	-60.9	-69.9	29	0.02	281	46	342.2	342.2	342.2
179.0	12787	-58.5	-71.5	17	0.01	285	42	350.9	351.0	350.9
163.0	13371	-61.2	-75.8	13	0.01	285	38	355.8	355.8	355.8
150.0	13890	-63.7	-79.7	10	0.00	255	34	360.1	360.2	360.1
147.0	14014	-64.9	-80.9	9	0.00	257	34	360.2	360.2	360.2
115.0	15492	-69.5	-84.8	9	0.00	275	30	377.9	377.9	377.9
103.0	16155	-71.5	-86.5	9	0.00	243	27	386.1	386.1	386.1
100.0	16330	-71.3	-86.3	9	0.00	235	26	389.7	389.7	389.7
95.5	16601	-73.3	-87.3	10	0.00	250	27	391.0	391.0	391.0
92.0	16825	-72.3	-86.7	10	0.00	265	29	397.1	397.1	397.1
88.0	17091	-71.1	-85.9	10	0.00	260	26	404.5	404.5	404.5
84.0	17369	-69.9	-85.2	9	0.00	300	24	412.4	412.4	412.4
82.0	17513	-69.3	-84.8	9	0.00	280	18	416.6	416.6	416.6
80.0	17661	-68.6	-84.3	9	0.00	265	20	420.9	420.9	420.9
77.0	17890	-67.6	-83.7	9	0.00	270	34	427.6	427.6	427.6
74.0	18127	-66.6	-83.0	8	0.01	275	30	434.7	434.7	434.7
70.0	18460	-65.1	-82.1	8	0.01	260	23	444.8	444.8	444.8
67.0	18729	-63.5	-81.5	7	0.01	260	20	453.8	453.8	453.8
65.0	18915	-62.5	-81.1	7	0.01	225	14	460.1	460.1	460.1
64.0	19011	-61.9	-80.9	6	0.01	215	15	463.3	463.4	463.3
63.0	19108	-62.3	-81.1	6	0.01	205	15	464.6	464.6	464.6
62.0	19206	-62.7	-81.3	7	0.01	205	19	465.9	465.9	465.9
59.0	19512	-63.9	-81.9	7	0.01	250	20	469.8	469.9	469.8
58.9	19522	-63.9	-81.9	7	0.01	249	20	470.0	470.0	470.0
56.0	19836	-62.2	-80.5	7	0.01	230	24	480.7	480.8	480.7
52.0	20296	-59.6	-78.4	7	0.02	250	25	496.9	497.0	496.9

Perturbaciones Significativas : Jague

51.0	20417	-59.0	-77.9	7	0.02	265	13	501.2	501.4	501.2
50.0	20540	-58.3	-77.3	7	0.02	235	9	505.7	505.8	505.7
49.0	20668	-57.1	-75.1	8	0.03	241	9	511.4	511.6	511.4
45.5	21135	-59.3	-77.3	8	0.02	262	10	517.0	517.2	517.1
45.0	21205	-59.3	-77.3	8	0.02	265	10	518.8	519.0	518.8
44.0	21346	-59.2	-77.4	8	0.02	280	10	522.4	522.5	522.4
43.0	21490	-59.1	-77.5	8	0.02	0	0	526.0	526.2	526.0
41.0	21790	-58.9	-77.6	7	0.02	165	10	533.7	533.9	533.7
39.2	22072	-58.7	-77.7	7	0.02	189	17	541.1	541.2	541.1
38.0	22270	-56.2	-75.2	7	0.04	205	22	552.3	552.6	552.3
36.4	22545	-52.7	-71.7	8	0.07	208	27	568.1	568.6	568.1
35.0	22798	-53.5	-72.5	8	0.06	210	32	572.5	573.0	572.5
34.2	22947	-53.9	-72.9	8	0.06	219	30	575.2	575.6	575.2
32.0	23375	-53.9	-72.9	8	0.06	245	24	586.2	586.7	586.2
30.0	23790	-53.9	-72.9	8	0.07	255	31	597.1	597.7	597.1
29.0	24012	-53.2	-72.5	8	0.07	260	24	604.8	605.4	604.8
27.0	24481	-51.8	-71.6	8	0.09	250	24	621.2	622.0	621.2
26.0	24729	-51.1	-71.1	7	0.10	230	16	630.0	630.9	630.1
25.0	24986	-50.3	-70.7	7	0.11	240	16	639.4	640.4	639.4
24.0	25254	-49.5	-70.2	7	0.12	200	15	649.2	650.3	649.2
22.0	25825	-47.8	-69.1	7	0.16	280	14	670.6	672.1	670.7
21.0	26130	-46.9	-68.5	7	0.18	205	11	682.4	684.1	682.5
20.0	26450	-45.9	-67.9	7	0.21	260	13	694.9	696.9	695.0
18.0	27152	-45.1	-68.7	5	0.20	220	10	718.6	720.7	718.7
17.5	27340	-44.9	-68.9	5	0.20	227	11	725.1	727.2	725.2
17.0	27533	-45.2	-69.7	5	0.19	235	12	730.3	732.2	730.4
16.0	27936	-45.7	-71.2	4	0.16	295	10	741.3	743.0	741.4
15.0	28364	-46.3	-73.0	3	0.13	240	10	753.2	754.6	753.2
14.0	28823	-46.9	-74.8	3	0.11	260	5	766.0	767.2	766.1
13.1	29264	-47.5	-76.5	2	0.09	224	24	778.7	779.7	778.7
13.0	29315	-47.3	-76.6	2	0.09	220	26	781.1	782.1	781.1
12.0	29847	-45.1	-78.1	1	0.08			806.9	807.8	807.0

Station information and sounding indices

Station number: 60018
 Observation time: 061116/0000
 Station latitude: 28.31
 Station longitude: -16.37
 Station elevation: 111.0
 Showalter index: 0.24
 Lifted index: -5.16
 LIFT computed using virtual temperature: -5.37
 SWEAT index: 138.99
 K index: 32.40
 Cross totals index: 20.70
 Vertical totals index: 29.70
 Totals totals index: 50.40
 Convective Available Potential Energy: 1038.15
 CAPE using virtual temperature: 1107.15
 Convective Inhibition: -77.49
 CINS using virtual temperature: -50.07
 Equilibrium Level: 228.19
 Equilibrium Level using virtual temperature: 228.00
 Level of Free Convection: 814.65
 LFCT using virtual temperature: 829.02
 Bulk Richardson Number: 34.43
 Bulk Richardson Number using CAPV: 36.71
 Temp [K] of the Lifted Condensation Level: 289.74
 Pres [hPa] of the Lifted Condensation Level: 925.74
 Mean mixed layer potential temperature: 296.22
 Mean mixed layer mixing ratio: 13.02
 1000 hPa to 500 hPa thickness: 5659.00
 Precipitable water [mm] for entire sounding: 35.88

60018 Guimar-Tenerife Observations at 12Z 16 Nov 2006

PRES	HGHT	TEMP	DWPT	RELH	MIXR	DRCT	SKNT	THTA	THTE	THTV
hPa	m	C	C	%	g/kg	deg	knot	K	K	K
1003.0	111	23.0	17.0	69	12.30	130	3	295.9	331.5	298.1
1000.0	127	22.4	16.4	69	11.87	140	1	295.6	329.9	297.7
937.0	689	18.2	14.3	78	11.06	210	10	296.8	329.1	298.8
925.0	800	17.4	13.9	80	10.90	195	7	297.1	328.9	299.0
850.0	1517	11.4	10.5	94	9.46	115	5	298.1	325.9	299.8
843.0	1586	10.6	10.1	97	9.29	95	4	297.9	325.2	299.6
811.0	1909	9.1	8.9	99	8.91	0	0	299.6	326.1	301.3
805.0	1970	8.8	8.7	99	8.84	353	0	300.0	326.2	301.6
730.0	2771	3.9	3.5	98	6.80	265	7	303.1	323.7	304.3
722.0	2862	3.3	3.0	98	6.60	290	12	303.4	323.5	304.6
713.0	2964	2.7	2.3	97	6.37	270	21	303.8	323.3	305.0
701.0	3103	1.8	1.4	97	6.08	270	19	304.3	323.0	305.4
700.0	3115	1.6	0.8	94	5.83	270	19	304.2	322.1	305.3
687.0	3266	0.6	-3.5	74	4.32	280	20	304.8	318.2	305.5
680.0	3348	0.6	-6.9	57	3.36	285	20	305.6	316.3	306.3
677.0	3383	0.6	-8.4	51	3.01	283	20	306.0	315.7	306.6
671.0	3455	0.4	-5.6	64	3.77	278	20	306.6	318.5	307.3
650.0	3709	-0.2	-13.4	36	2.10	260	21	308.6	315.6	309.0
642.0	3808	-0.5	-16.5	29	1.65	260	17	309.4	315.0	309.8
632.0	3933	-1.4	-19.4	24	1.31	260	13	309.8	314.3	310.1
620.0	4085	-2.5	-23.0	19	0.98	280	14	310.3	313.7	310.5
613.0	4175	-3.1	-25.1	16	0.82	281	14	310.6	313.4	310.7
591.0	4463	-5.1	-18.1	35	1.56	284	13	311.5	316.8	311.8
580.0	4608	-6.3	-20.6	31	1.29	285	12	311.8	316.2	312.1
537.0	5204	-11.1	-30.8	18	0.55	260	21	313.0	315.0	313.1
520.0	5452	-13.1	-35.1	14	0.37	278	20	313.5	314.9	313.5
514.0	5540	-13.3	-38.9	10	0.26	285	19	314.2	315.2	314.3
500.0	5750	-13.9	-47.9	4	0.10	275	25	316.0	316.4	316.1
492.0	5873	-14.5	-49.7	3	0.08	270	26	316.7	317.1	316.8
487.0	5950	-14.9	-50.9	3	0.07	270	26	317.2	317.5	317.2
400.0	7410	-25.9	-60.9	2	0.03	280	28	321.2	321.4	321.2
371.0	7951	-30.5	-56.5	6	0.05	280	35	322.1	322.3	322.1
359.0	8184	-31.7	-66.7	2	0.01	280	38	323.6	323.6	323.6
347.0	8425	-33.3	-49.3	19	0.12	280	41	324.5	325.1	324.6
332.0	8733	-36.1	-45.4	38	0.20	280	45	324.8	325.6	324.8
325.0	8881	-37.5	-43.5	53	0.25	279	45	324.9	325.9	324.9
318.0	9032	-38.5	-48.5	34	0.15	278	44	325.5	326.1	325.6
300.0	9430	-41.9	-48.9	46	0.15	275	43	326.2	326.8	326.2
271.0	10106	-47.9	-52.9	56	0.10	266	42	327.1	327.5	327.1
254.0	10527	-51.8	-57.6	50	0.06	260	42	327.5	327.8	327.5
250.0	10630	-52.7	-58.7	48	0.06	260	42	327.6	327.8	327.6
241.0	10866	-54.9	-60.9	47	0.04	263	39	327.7	327.9	327.7
234.0	11054	-55.6	-62.5	42	0.04	265	37	329.4	329.6	329.4
226.0	11276	-56.5	-64.5	36	0.03	269	40	331.4	331.5	331.4
200.0	12050	-57.9	-74.9	10	0.01	285	49	340.9	340.9	340.9
199.0	12082	-57.9	-75.2	9	0.01	285	50	341.3	341.4	341.3
173.0	12961	-59.1	-85.1	2	0.00	290	47	353.3	353.3	353.3
170.0	13071	-59.3	-86.3	2	0.00	287	46	354.8	354.8	354.8
151.0	13809	-62.1	-92.0	1	0.00	265	41	362.1	362.1	362.1
150.0	13850	-62.3	-92.3	1	0.00	265	40	362.6	362.6	362.6
144.0	14097	-63.3	-92.7	1	0.00	280	38	365.0	365.0	365.0
108.0	15834	-70.7	-95.7	1	0.00	275	32	382.4	382.4	382.4
100.0	16290	-70.3	-94.3	2	0.00	270	29	391.6	391.6	391.6
97.0	16472	-69.4	-94.4	2	0.00	260	30	396.9	396.9	396.9
92.0	16789	-67.8	-94.5	1	0.00	270	32	406.1	406.1	406.1
85.9	17200	-65.7	-94.7	1	0.00	243	35	418.3	418.3	418.3
83.0	17408	-65.6	-94.6	1	0.00	230	36	422.6	422.6	422.6

Perturbaciones Significativas : Jague

80.0	17631	-65.5	-94.5	1	0.00	255	29	427.3	427.3	427.3
78.0	17784	-65.4	-94.4	1	0.00	240	26	430.6	430.6	430.6
74.0	18103	-65.3	-94.3	1	0.00	250	16	437.4	437.4	437.4
71.0	18354	-65.1	-94.1	1	0.00	235	21	442.9	442.9	442.9
70.0	18440	-65.1	-94.1	1	0.00	240	21	444.8	444.8	444.8
67.0	18708	-64.2	-94.1	1	0.00	260	22	452.3	452.4	452.3
66.7	18735	-64.1	-94.1	1	0.00	259	22	453.1	453.1	453.1
62.0	19187	-62.7	-93.0	1	0.00	250	30	465.8	465.8	465.8
60.0	19390	-62.0	-92.5	1	0.00	275	28	471.6	471.6	471.6
58.0	19600	-61.4	-92.0	1	0.00	260	22	477.7	477.7	477.7
57.0	19707	-61.1	-91.8	1	0.00	270	18	480.8	480.8	480.8
53.7	20076	-59.9	-90.9	1	0.00	254	17	491.8	491.8	491.8
51.0	20397	-61.5	-91.7	1	0.00	240	17	495.4	495.4	495.4
50.3	20483	-61.9	-91.9	1	0.00	233	16	496.3	496.4	496.3
50.0	20520	-61.7	-91.7	1	0.00	230	15	497.7	497.7	497.7
49.0	20646	-60.6	-91.0	1	0.00	220	13	503.2	503.3	503.2
46.1	21028	-57.1	-89.1	1	0.00	224	22	520.4	520.5	520.4
45.0	21182	-56.6	-88.8	1	0.00	225	25	525.2	525.2	525.2
44.0	21325	-56.2	-88.4	1	0.00	215	18	529.7	529.7	529.7
40.0	21932	-54.3	-87.1	1	0.01	265	24	549.1	549.1	549.1
38.9	22110	-53.7	-86.7	1	0.01	256	20	554.9	554.9	554.9
37.7	22311	-53.9	-86.9	1	0.01	246	16	559.4	559.4	559.4
37.0	22432	-52.6	-85.9	1	0.01	240	14	565.6	565.7	565.6
36.0	22610	-50.8	-84.5	1	0.01	275	13	574.8	574.9	574.8
35.1	22774	-49.1	-83.1	1	0.01	257	9	583.4	583.5	583.4
35.0	22793	-49.2	-83.2	1	0.01	255	9	583.5	583.6	583.5
33.0	23174	-52.0	-85.3	1	0.01	190	19	586.2	586.2	586.2
32.0	23374	-53.4	-86.5	1	0.01	190	26	587.5	587.6	587.5
31.8	23415	-53.7	-86.7	1	0.01	197	24	587.8	587.8	587.8
31.0	23579	-53.0	-86.0	1	0.01	225	18	594.0	594.0	594.0
30.0	23790	-52.1	-85.1	1	0.01	225	19	602.0	602.1	602.0
29.0	24010	-52.0	-85.0	1	0.01	210	24	608.2	608.3	608.2
28.0	24237	-51.8	-84.8	1	0.01	245	17	614.8	614.9	614.8
27.0	24473	-51.7	-84.7	1	0.01	215	20	621.6	621.7	621.6
26.0	24717	-51.5	-84.5	1	0.01	225	21	628.8	628.9	628.8
25.9	24742	-51.5	-84.5	1	0.01	228	21	629.5	629.6	629.5
25.0	24973	-49.0	-82.7	1	0.02	255	17	643.2	643.4	643.2
24.7	25052	-48.1	-82.1	1	0.02	249	17	647.9	648.1	647.9
24.0	25240	-48.6	-82.5	1	0.02	235	16	651.7	651.9	651.7
23.0	25518	-49.5	-83.1	1	0.02	240	14	657.3	657.4	657.3
22.0	25808	-50.3	-83.8	1	0.02	260	2	663.2	663.3	663.2
20.0	26430	-52.1	-85.1	1	0.01	245	12	675.9	676.1	676.0
19.1	26728	-52.7	-85.7	1	0.01	236	12	683.0	683.2	683.0
19.0	26762	-52.5	-85.6	1	0.01	235	12	684.7	684.9	684.7
18.0	27118	-50.4	-84.1	1	0.02	190	13	702.1	702.3	702.1
17.0	27494	-48.1	-82.6	1	0.03	185	12	720.9	721.1	720.9
16.0	27894	-45.7	-81.0	1	0.04	205	10	741.2	741.6	741.2
15.2	28231	-43.7	-79.7	1	0.05	217	10	758.9	759.4	758.9
15.0	28321	-43.6	-79.6	1	0.05	220	10	762.1	762.6	762.1
14.0	28785	-43.1	-79.1	1	0.06	225	12	779.0	779.7	779.1
13.0	29284	-42.5	-78.5	1	0.07	250	15	797.7	798.5	797.7
12.0	29823	-43.6	-79.6	1	0.06	250	21	812.4	813.1	812.4
11.7	29993	-43.9	-79.9	1	0.06			817.1	817.8	817.1

Station information and sounding indices

Station number: 60018
 Observation time: 061116/1200
 Station latitude: 28.31
 Station longitude: -16.37
 Station elevation: 111.0
 Showalter index: -0.55
 Lifted index: -2.35
 LIFT computed using virtual temperature: -2.84

Perturbaciones Significativas : Jague

SWEAT index: 174.98
 K index: 35.00
 Cross totals index: 24.40
 Vertical totals index: 25.30
 Totals totals index: 49.70
 Convective Available Potential Energy: 660.44
 CAPE using virtual temperature: 759.32
 Convective Inhibition: -20.74
 CINS using virtual temperature: -17.23
 Equilibrium Level: 235.11
 Equilibrium Level using virtual temperature: 235.06
 Level of Free Convection: 866.66
 LFCT using virtual temperature: 871.34
 Bulk Richardson Number: 78.25
 Bulk Richardson Number using CAPV: 89.96
 Temp [K] of the Lifted Condensation Level: 287.52
 Pres [hPa] of the Lifted Condensation Level: 902.65
 Mean mixed layer potential temperature: 296.09
 Mean mixed layer mixing ratio: 11.55
 1000 hPa to 500 hPa thickness: 5623.00
 Precipitable water [mm] for entire sounding: 32.58

60018 Guimar-Tenerife Observations at 00Z 17 Nov 2006

PRES	HGHT	TEMP	DWPT	RELH	MIXR	DRCT	SKNT	THTA	THTE	THTV
hPa	m	C	C	%	g/kg	deg	knot	K	K	K
1005.0	111	18.4	13.7	74	9.89	30	5	291.1	319.3	292.9
1000.0	149	19.0	14.1	73	10.21	40	8	292.1	321.4	293.9
998.0	166	19.0	14.0	73	10.16	41	9	292.3	321.4	294.1
979.0	331	17.6	13.5	77	10.02	50	14	292.5	321.2	294.2
952.0	570	15.5	12.8	84	9.82	35	10	292.7	320.9	294.4
946.0	624	15.0	12.6	86	9.78	25	9	292.8	320.8	294.5
925.0	815	14.8	11.2	79	9.11	350	7	294.4	320.8	296.1
903.0	1019	14.0	10.1	77	8.66	335	5	295.6	320.9	297.2
861.0	1419	11.5	8.9	84	8.39	305	2	297.1	321.7	298.6
850.0	1527	10.8	8.6	86	8.31	230	4	297.4	321.9	298.9
766.0	2388	5.6	3.9	89	6.65	284	7	300.8	320.8	302.0
758.0	2474	6.2	-0.8	61	4.78	289	8	302.4	317.1	303.2
757.0	2485	6.2	-0.8	61	4.79	290	8	302.5	317.2	303.4
751.0	2550	6.6	-8.4	33	2.71	294	8	303.6	312.2	304.1
711.0	2997	4.0	-32.0	5	0.37	322	10	305.5	306.9	305.6
700.0	3123	3.0	-37.0	3	0.23	330	10	305.8	306.6	305.8
697.0	3158	2.9	-37.3	3	0.22	330	10	306.0	306.8	306.0
659.0	3608	0.9	-41.7	2	0.15	310	15	308.8	309.4	308.8
639.0	3856	-0.1	-44.1	2	0.12	312	17	310.3	310.8	310.4
616.0	4143	-2.1	-44.3	2	0.12	315	19	311.3	311.8	311.4
585.0	4546	-4.8	-44.6	3	0.12	300	19	312.7	313.2	312.8
534.0	5259	-9.7	-45.0	4	0.13	305	24	315.1	315.6	315.2
509.0	5634	-12.3	-45.3	5	0.13	298	25	316.4	316.9	316.4
500.0	5770	-13.3	-46.3	4	0.12	295	26	316.8	317.2	316.8
469.0	6243	-17.0	-50.9	4	0.08	285	28	318.0	318.3	318.0
447.0	6599	-19.8	-54.3	3	0.05	300	30	318.9	319.1	318.9
400.0	7420	-26.3	-62.3	2	0.02	300	29	320.7	320.8	320.7
360.0	8172	-33.0	-68.0	2	0.01	305	32	321.6	321.6	321.6
357.0	8232	-33.5	-68.5	2	0.01	304	32	321.6	321.7	321.6
324.0	8900	-38.9	-70.5	2	0.01	290	31	323.3	323.3	323.3
311.0	9182	-41.1	-71.3	2	0.01	285	37	323.9	324.0	324.0
300.0	9430	-43.1	-72.1	3	0.01	285	43	324.5	324.5	324.5
250.0	10630	-52.7	-71.7	8	0.01	290	48	327.6	327.6	327.6
234.0	11055	-56.3	-73.3	10	0.01	293	50	328.4	328.4	328.4
223.0	11360	-58.0	-73.3	12	0.01	295	52	330.4	330.4	330.4

Perturbaciones Significativas : Jague

221.0	11418	-58.3	-73.3	13	0.01	295	54	330.7	330.8	330.7
211.0	11711	-57.1	-73.1	11	0.01	293	57	337.0	337.0	337.0
200.0	12050	-58.1	-75.1	10	0.01	290	60	340.6	340.6	340.6
188.0	12436	-58.8	-77.5	7	0.01	290	65	345.6	345.6	345.6
156.0	13598	-60.9	-84.9	3	0.00	282	53	360.9	360.9	360.9
150.0	13840	-62.3	-86.3	3	0.00	280	51	362.6	362.6	362.6
116.0	15400	-68.6	-91.8	2	0.00	275	54	378.5	378.5	378.5
111.0	15667	-69.7	-92.7	2	0.00	285	50	381.3	381.3	381.3
100.0	16290	-69.1	-91.1	3	0.00	280	38	394.0	394.0	394.0
98.0	16411	-69.3	-91.3	3	0.00	265	37	395.9	395.9	395.9
87.9	17063	-70.1	-92.1	3	0.00	279	31	406.7	406.8	406.7
87.0	17126	-69.8	-92.2	3	0.00	280	30	408.6	408.6	408.6
84.0	17339	-68.5	-92.5	2	0.00	250	19	415.2	415.2	415.2
83.0	17412	-68.1	-92.6	2	0.00	235	20	417.5	417.5	417.5
77.0	17868	-65.6	-93.2	1	0.00	225	32	431.8	431.9	431.9
75.0	18028	-64.7	-93.5	1	0.00	255	30	437.0	437.0	437.0
72.9	18200	-63.7	-93.7	1	0.00	257	32	442.6	442.6	442.6
70.0	18450	-65.3	-94.3	1	0.00	260	34	444.4	444.4	444.4
69.6	18485	-65.5	-94.5	1	0.00	263	33	444.6	444.6	444.6
66.0	18811	-63.2	-93.0	1	0.00	295	26	456.4	456.5	456.4
61.0	19296	-59.8	-90.7	1	0.00	305	13	474.4	474.4	474.4
60.6	19336	-59.5	-90.5	1	0.00	285	10	476.0	476.0	476.0
60.0	19398	-59.7	-90.7	1	0.00	255	5	476.8	476.9	476.8
59.0	19502	-60.1	-91.1	1	0.00	190	10	478.3	478.3	478.3
55.7	19860	-61.3	-92.3	1	0.00	190	15	483.4	483.5	483.4
54.0	20052	-60.8	-91.8	1	0.00	190	17	488.8	488.8	488.8
50.0	20530	-59.7	-90.7	1	0.00	210	25	502.4	502.4	502.4
48.0	20788	-58.8	-90.0	1	0.00	230	29	510.5	510.6	510.5
46.0	21057	-57.8	-89.3	1	0.00	240	26	519.2	519.2	519.2
43.0	21483	-56.2	-88.1	1	0.00	225	21	533.1	533.2	533.1
42.5	21557	-55.9	-87.9	1	0.00	227	21	535.6	535.6	535.6
41.8	21662	-56.5	-88.5	1	0.00	229	21	536.7	536.7	536.7
40.0	21944	-53.8	-86.6	1	0.01	235	22	550.3	550.4	550.3
39.7	21992	-53.3	-86.3	1	0.01	230	21	552.7	552.7	552.7
38.0	22273	-53.8	-86.6	1	0.01	200	16	558.5	558.5	558.5
36.0	22620	-54.3	-86.9	1	0.01	235	24	565.7	565.7	565.7
34.0	22986	-54.9	-87.2	1	0.01	230	14	573.4	573.5	573.4
33.0	23178	-55.2	-87.4	1	0.01	255	10	577.5	577.5	577.5
31.6	23456	-55.7	-87.7	1	0.01	255	13	583.5	583.5	583.5
31.0	23579	-54.3	-86.7	1	0.01	255	15	590.5	590.6	590.5
30.1	23768	-52.1	-85.1	1	0.01	183	14	601.4	601.5	601.4
30.0	23790	-52.1	-85.1	1	0.01	175	14	602.0	602.1	602.0
28.0	24233	-53.5	-86.5	1	0.01	215	12	610.2	610.3	610.2
27.4	24372	-53.9	-86.9	1	0.01	191	11	612.8	612.8	612.8
27.0	24467	-53.6	-86.7	1	0.01	175	10	616.1	616.2	616.1
22.0	25792	-49.8	-83.5	1	0.02	260	4	664.6	664.8	664.6
21.0	26093	-48.9	-82.8	1	0.02	190	17	676.1	676.3	676.1
20.3	26313	-48.3	-82.3	1	0.02	197	9	684.6	684.9	684.6
20.0	26410	-49.1	-83.1	1	0.02	200	6	685.1	685.3	685.1
19.0	26745	-49.7	-83.7	1	0.02	195	10	693.5	693.7	693.5
17.3	27358	-50.7	-84.7	1	0.02	237	14	709.0	709.2	709.0
17.0	27472	-50.4	-84.4	1	0.02	245	15	713.6	713.8	713.6
15.2	28205	-48.3	-82.3	1	0.03	263	18	743.6	744.0	743.7
15.0	28293	-47.4	-81.8	1	0.03	265	18	749.6	750.0	749.6
14.3	28611	-43.9	-79.9	1	0.05	260	19	771.5	772.1	771.6
13.4	29045	-45.7	-80.7	1	0.04	253	20	779.8	780.4	779.9
13.0						250	20			

Station information and sounding indices

Station number: 60018
 Observation time: 061117/0000
 Station latitude: 28.31
 Station longitude: -16.37

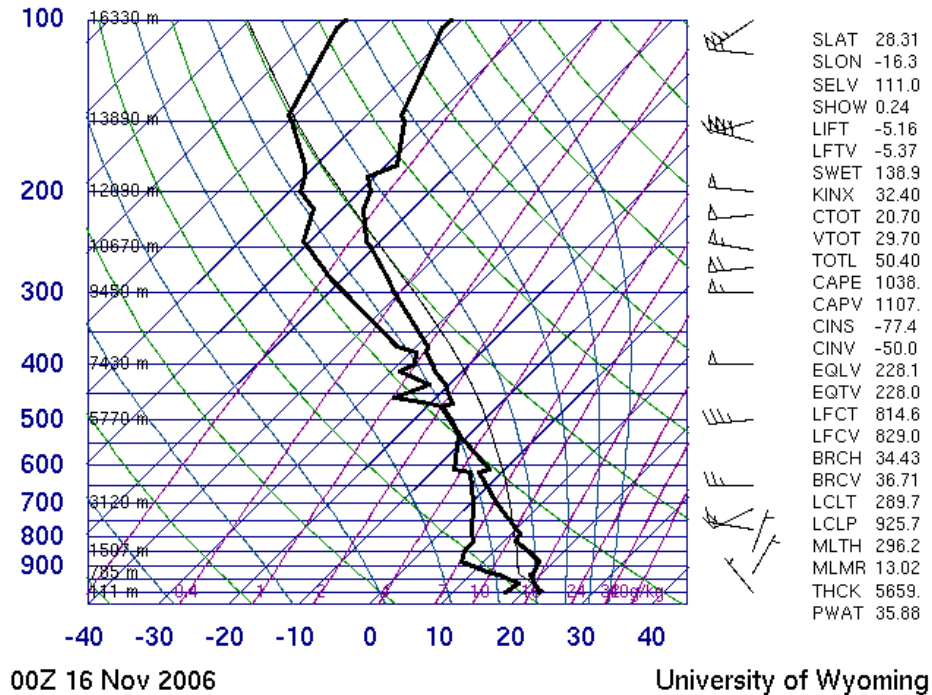
Perturbaciones Significativas : Jague

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Station elevation: 111.0
Showalter index: 2.12
Lifted index: 2.59
LIFT computed using virtual temperature: 2.26
SWEAT index: 137.19
K index: -7.30
Cross totals index: 21.90
Vertical totals index: 24.10
Totals totals index: 46.00
Convective Available Potential Energy: 0.00
CAPE using virtual temperature: 0.00
Convective Inhibition: 0.00
CINS using virtual temperature: 0.00
Bulk Richardson Number: 0.00
Bulk Richardson Number using CAPV: 0.00
Temp [K] of the Lifted Condensation Level: 285.66
Pres [hPa] of the Lifted Condensation Level: 921.26
Mean mixed layer potential temperature: 292.45
Mean mixed layer mixing ratio: 9.99
1000 hPa to 500 hPa thickness: 5621.00
Precipitable water [mm] for entire sounding: 22.80
    
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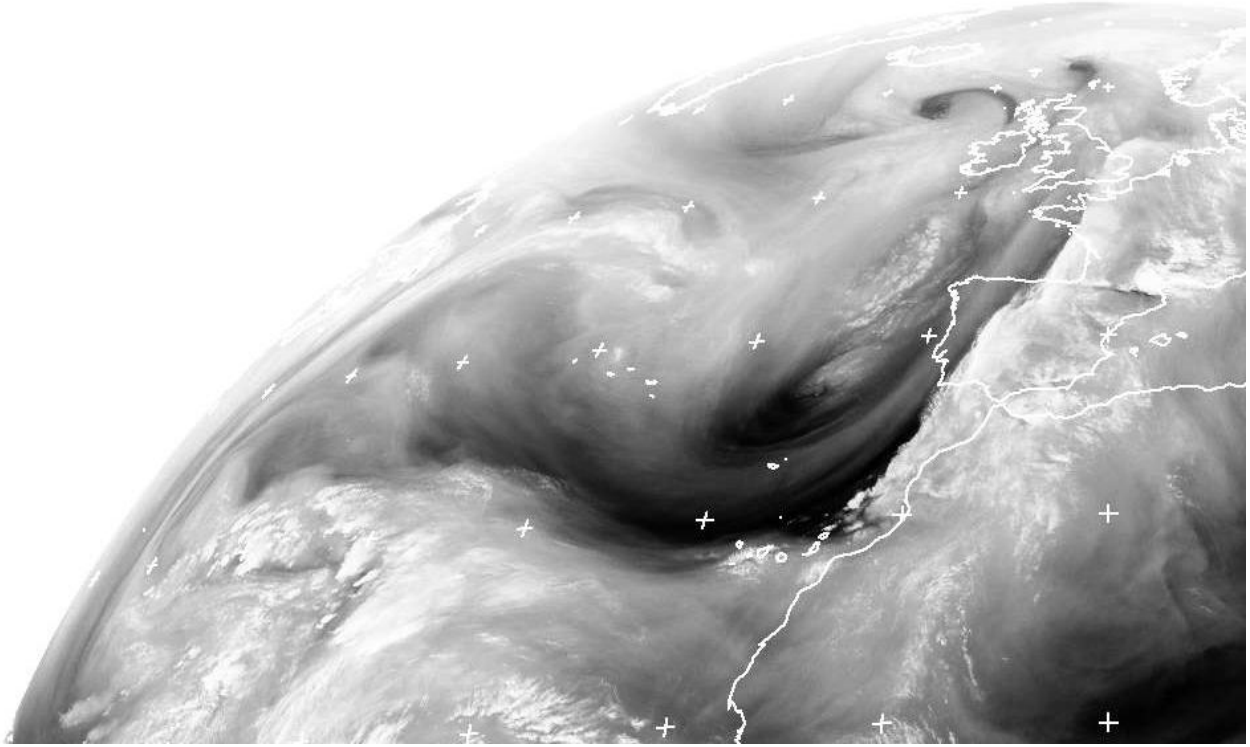
[Description of the indices.](#)

60018 Guimar-Tenerife



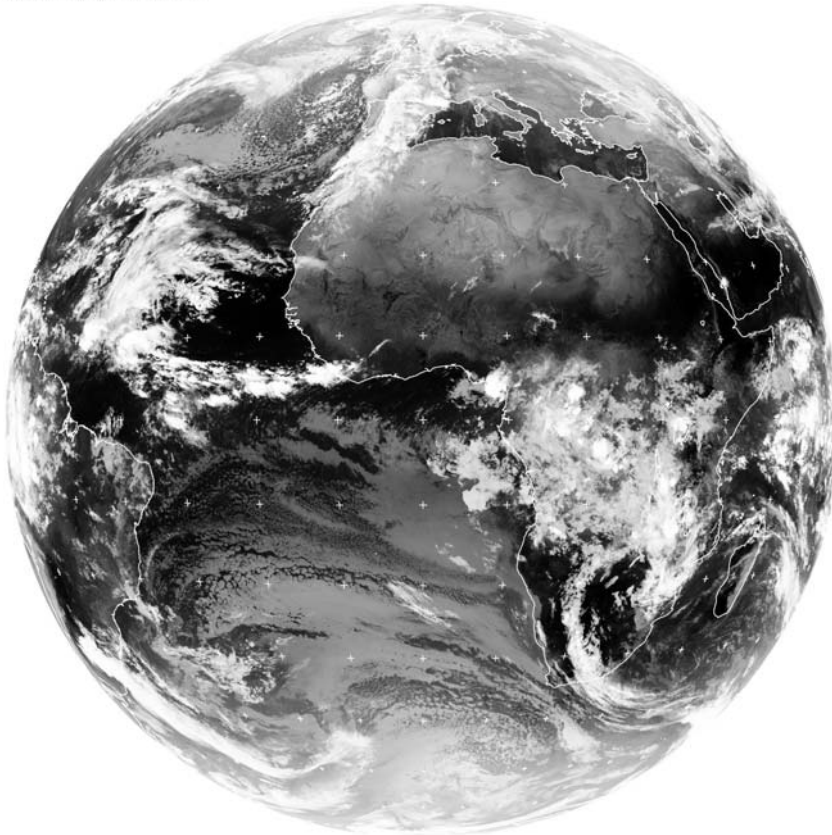
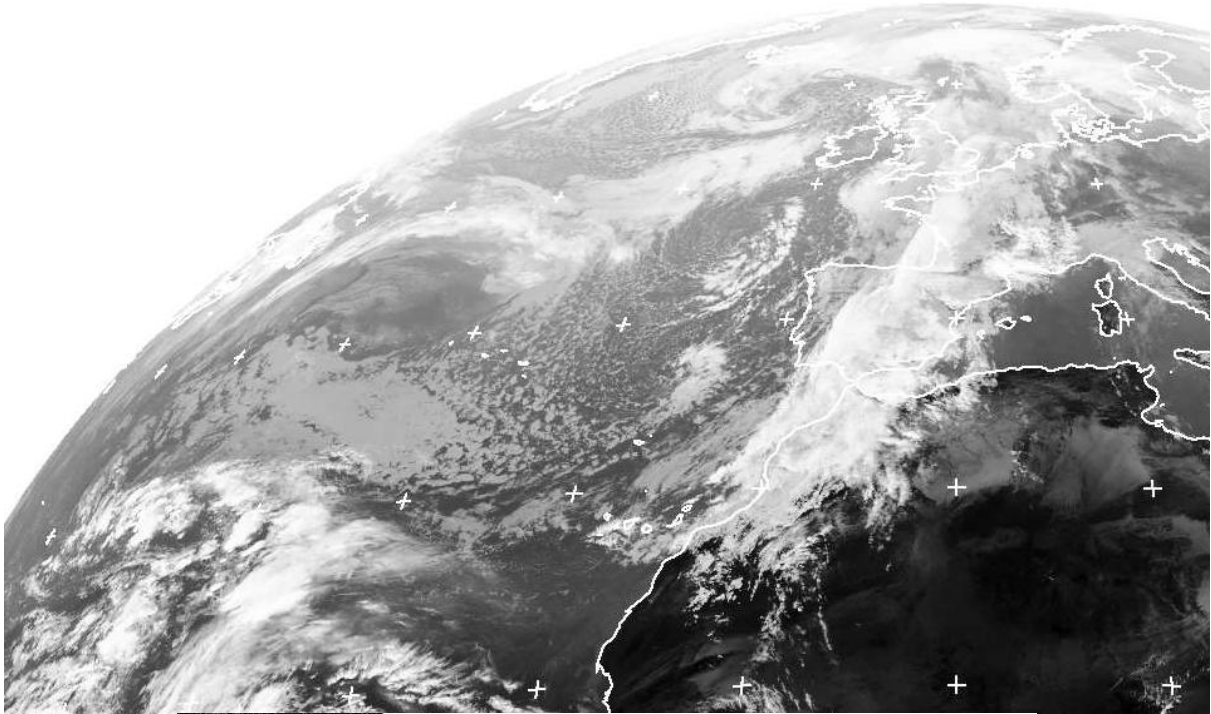
Imágenes de Satelite- Archivos Eumetsat

METSAT, NERC satellite receiving station, University of Dundee



Vapor de agua- 16 de noviembre 06h.

Elite Receiving Station, University of Dundee



Infrarrojo- 16 de noviembre, 06h.

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Fuentes : (webs publicas de Internet)

Pagina Principal de READY

Web INM

Archivo de imágenes EUTMESAT

Meteo Villaarriba

Foro Canariasmet

Sondeos-Universidad de Wyoming

Las Fichas de Perturbaciones Significativas son elaboradas por la Comsion de Perturbaciones Significativas de la Asociación Canaria de Meteorología, entidad sin animo de lucro, para colaborar en el conocimiento de la meteorología canaria.

Mas información sobre ACANMET en <http://www.acanmet.es/menu.htm>

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