

Correspondence between the L91 and L137 model levels

Correspondence between the L91 and L137 model levels showing the values of full level pressure, p_L91 and p_L137, respectively, for a surface pressure of 1013.250 hPa.

For a description of how model levels should be interpreted see the [IFS Documentation Part III - Chapter 2, Section 2.2.1](#).

N (L91)	p_L91 [hPa]	N (L137)	p_L137 [hPa]
1	0.0100	1	0.0100
2	0.0299	2	0.0255
		3	0.0388
3	0.0568	4	0.0575
		5	0.0829
4	0.1015	6	0.1168
5	0.1716	7	0.1611
		8	0.2180
6	0.2768	9	0.2899
7	0.4285	10	0.3793
		11	0.4892
8	0.6396	12	0.6224
		13	0.7821
9	0.9244	14	0.9716
10	1.2985	15	1.1942
		16	1.4535
11	1.7781	17	1.7531
		18	2.0965
12	2.3800	19	2.4875
13	3.1209	20	2.9298
		21	3.4270
14	4.0176	22	3.9829
		23	4.6010
15	5.0860	24	5.2851
16	6.3417	25	6.0388
		26	6.8654
17	7.7988	27	7.7686
		28	8.7516
18	9.4706	29	9.8177
19	11.3688	30	10.9703
		31	12.2123
20	13.5037	32	13.5469
		33	14.9770
21	15.8844	34	16.5054
22	18.5179	35	18.1348
		36	19.8681
23	21.4101	37	21.7076
24	24.5653	38	23.6560
		39	25.7156
25	27.9860	40	27.8887
		41	30.1776

26	31.6736	42	32.5843
27	35.6281	43	35.1111
		44	37.7598
28	39.8481	45	40.5321
29	44.3310	46	43.4287
		47	46.4498
30	49.0732	48	49.5952
31	54.0701	49	52.8644
		50	56.2567
32	59.3150	51	59.7721
33	64.7978	52	63.4151
		53	67.1941
34	70.5061	54	71.1187
35	76.4292	55	75.1999
		56	79.4496
36	82.5725	57	83.8816
37	88.9589	58	88.5112
38	95.6172	59	93.3527
		60	98.4164
39	102.5813	61	103.7100
40	109.8913	62	109.2417
41	117.5942	63	115.0198
		64	121.0526
42	125.7453	65	127.3487
43	134.3981	66	133.9170
44	143.5909	67	140.7663
		68	147.9058
45	153.3538	69	155.3448
46	163.7180	70	163.0927
47	174.7166	71	171.1591
		72	179.5537
48	186.3837	73	188.2867
49	198.7556	74	197.3679
		75	206.8078
50	211.8697	76	216.6166
51	225.7656	77	226.8050
52	240.4844	78	237.3837
		79	248.3634
53	256.0690	80	259.7553
54	272.5644	81	271.5704
55	290.0175	82	283.8200
		83	296.5155
56	308.4773	84	309.6684
57	327.9948	85	323.2904
		86	337.3932
58	348.6233	87	351.9887
59	370.4182	88	367.0889

		89	382.7058
60	393.4375	90	398.8516
61	417.7337	91	415.5387
		92	432.7792
62	443.3441	93	450.5858
63	470.1659	94	468.9708
		95	487.9470
64	497.9584	96	507.5021
65	526.4620	97	527.5696
66	555.3989	98	548.0312
		99	568.7678
67	584.4855	100	589.6797
68	613.4989	101	610.6646
		102	631.6194
69	642.2899	103	652.4424
70	670.7310	104	673.0352
71	698.7032	105	693.3043
		106	713.1631
72	726.0656	107	732.5325
73	752.6718	108	751.3426
		109	769.5329
74	778.4036	110	787.0528
75	803.1575	111	803.8622
76	826.8141	112	819.9302
		113	835.2358
77	849.2512	114	849.7668
		115	863.5190
78	870.3798	116	876.4957
79	890.1341	117	888.7066
		118	900.1669
80	908.4403	119	910.8965
81	925.2226	120	920.9193
		121	930.2618
82	940.4415	122	938.9532
		123	947.0240
83	954.0914	124	954.5059
		125	961.4311
84	966.1707	126	967.8315
		127	973.7392
85	976.6735	128	979.1852
86	985.6311	129	984.2002
		130	988.8133
87	993.3027	131	993.0527
		132	996.9452
88	999.8373	133	1000.5165
89	1005.1222	134	1003.7906
		135	1006.7900

90	1009.1459	136	1009.5363
91	1012.0494	137	1012.0494