



FESURF
FEDERACIÓN ESPAÑOLA DE SURF

RANKING NACIONAL 2016 - SURF OPEN

RANKING	NOMBRE	CCAA	Conil(3*)	Tapia(3*)	Realejos(2*)	CE2016(6*)	Pantín(2*)	Somo(3*)	Razo(3*)	TOTAL
1	LUIS DIAZ URREJOLA	CAN			1000	2236		938		4174
2	VICENTE ROMERO	GAL		1022		2600				3622
3	Juanjo FERNANDEZ	AND	777	854		1898				3529
4	Carlos FERNANDEZ	AND	1204	700		1300			1022	3526
5	MIGUEL CASTRILLON	AND	1400			1040		504		2944
6	Julen EGUIGUREN	EUS		1400		1300				2700
7	Juan FERNANDEZ	GAL				1040	670	700	938	2678
8	Miguel Perez-Moneo	GAL		700		936	1000		630	2636
9	DIEGO SUÁREZ DIAZ	CAN			450	1300		777		2527
10	PABLO SOLAR	CNT			870	1586				2456
11	Dani GARCIA	CNT				1742		630		2372
12	Gonzalo GUTIERREZ	CNT				1443		700		2143
13	Lenni JENSEN	CAN			610	1443				2053
14	Jose María DE PAZ	GAL			390	988	450	504	560	2052
15	Nico GUIACOMUCCI	AND	854			1170				2024
16	Endika GARAI	EUS	1022					854	560	1876
17	Kalany DA SILVA	CAN			500			560	777	1837
18	Patrick MAINSTONE	CNT				1170		630		1800
19	Miguel BETEGÓN	CNT				1170		560		1730
20	Luis ANSIN	GAL					860		854	1714
21	Guillermo CARRACEDO	GAL	560					560	560	1680
22	Diego ALVAREZ	GAL		938					700	1638
23	Ruben VITORIA	EUS				936		700		1636
24	Ethan EGUIGUREN	EUS				1586				1586
25	Pablo MONTERO	GAL				910	610			1520
26	Martin CORTIJO	GAL					730		700	1430
27	Alberto REIMUNDE	GAL							1400	1400
28	Borja MALVAR	GAL					450		854	1304
29	Adrián FERNANDEZ	EUS				1300				1300
30	Saul CARRERA	GAL					555		700	1255
31	Yael PEÑA SUÁREZ	CAN			555			700		1255
32	JOHN JUNIOR	EUS		1204						1204
33	ANGELO BONOMELLI	ITA						1204		1204
34	Eric REBIERE	GAL							1204	1204
35	Luis RODRIGUEZ	GAL				1170				1170
36	Ruben SANMARTIN	GAL					500		630	1130
37	Mateo SACO	GAL					500		630	1130
38	Milo CASTELO	GAL				1040				1040
39	Pablo GUTIERREZ	CNT						1022		1022
40	Antonio CASTRO	GAL				988				988
41	Antonio MARQUES	CAN				988				988
42	Ramon VARELA	GAL					450		532	982
43	Manuel CASTRO	GAL	938							938
44	IGNACIO TOUZON		854							854
45	FERNANDO PEREZ	AST		854						854
46	Iker AMATRIAIN	EUS						854		854
47	JUAN SANCHEZ		777							777
48	DANIEL AZNAR	AST		777						777
49	CLAYTON DE VALGAS			777						777
50	NICCOLO AMORROTTI	ITA						777		777
51	Roi FERNANDEZ	GAL							777	777
52	ALEJANDRO DIAZ LUQUE	CAN			730					730
53	TIAGO MARINHO	AND	700							700
54	PEPE FERNANDEZ	AND	700							700
55	JAIRO BARRAL			700						700
56	DANIEL VELASCO		700							700
57	COQUE VILLAMIL			700						700

58	Antonio FERNANDEZ		700						700
59	ARNAU RIERA	CAT						700	700
60	Damian MORO	CAN			670				670
61	WILLY ALVAREZ	AND	630						630
62	NACHO RODRIGUEZ			630					630
63	LUIS BERENGUER		630						630
64	LANDER SANCHEZ			630					630
65	KIKE SUAREZ	AST		630					630
66	JOSEBA BERASATEGUI			630					630
67	GUILLERMO PALACIOS		630						630
68	ANTONIO GAMERO	AND	630						630
69	Marcelino BOTIN	CNT					630		630
70	Nestor GARCIA	CNT					630		630
71	LEO ZAMBRANO	GAL						630	630
72	Jose DIEGUEZ	GAL				610			610
73	DAVID ROBERT DIAZ	CAN			610				610
74	Derick REY	GAL						560	560
75	NORBERTO DELA ROSA		560						560
76	JUAN M GODINO		560						560
77	JAVIER ARAGON	AND	560						560
78	IGNACIO GONZALEZ		560						560
79	GONZALO CREMADES	AND	560						560
80	ALBERTO FERNANDEZ	AND	560						560
81	Ricardo DIEGO						560		560
82	EÑAUT SALABERRIA	EUS					560		560
83	ALEX BAUDUIN	CAN					560		560
84	TOMAS ZARRAONANDIA	EUS					560		560
85	ALESSANDRO PUI						560		560
86	SAUL TORRES RUANO	CAN			555				555
87	Pablo ROMERO	GAL				555			555
88	JAVIER RODRIGUEZ	GAL						532	532
89	CHUMI GARCIA	GAL						532	532
90	JAVIER ALONSO		504						504
91	FELIX FERNANDEZ		504						504
92	ALVARO MARTIN		504						504
93	ALEJANDRO ANGULO		504						504
94	Borja CUETO	CNT					504		504
95	Javier VIDANIA	CNT					504		504
96	JON SAN PEDRO						504		504
97	ARITZ MEDILUZE						504		504
98	JULIAN CUELLO	CAN			500				500
99	IVAN GONZALEZ	CAN			500				500
100	Ignacio GUIASOLA	GAL				500			500
101	Gorka Arizmendi	GAL				500			500
102	AYOZE FERNÁNDEZ	CAN			500				500
103	MALTE MAPPES	CAN			450				450
104	J. ALEXANDER MENDOZA	CAN			450				450
105	FRANCISCO SAENZ	CAN			450				450
106	AITOR FUENTES PAVÓN				450				450
107	AIRAM DE JUAN PEREZ				450				450
108	RUBEN ESTEBAN	CNT					448		448
109	NACHO SEBASTIA						448		448
110	FILIPPO ORSO						448		448
111	JESUS BEAR						448		448
112	DANIELE GUZZONE						420		420
113	LANDER DAVILA						420		420
114	LUIS BOLADO						420		420
115	Nacho ANSIN	GAL				400			400
116	Manuel BLANCO	GAL				400			400
117	Xose Picatoste	GAL				390			390
118	VITO VORPAHL	CAN			390				390
119	Pedro ACEBAL	GAL				390			390
120	MOISES DOMINGUEZ	CAN			390				390
121	JOSE MANUEL RUIZ GARCÍA	CAN			390				390
122	JOSE CARLOS RAMOS	CAN			390				390
123	CRISTIAN PORTELLI	CAN			390				390

124	DAVID EFREN GARCÍA	CAN			360					360
125	TONI BENITEZ GONZALEZ	CAN			360					360
126	Tim ELTER	CAN			360					360
127	RIC-LEON HERZ	CAN			360					360
128	MIGUEL VALDÉS	CAN			360					360
129	MARCO MARTIN MEDINA	CAN			360					360
130	MANOLO POCHIERO	CAN			360					360
131	JACK KEENAN	CAN			360					360
132	FYNNLEE JOE MILLER COOLEY	CAN			360					360
133	ENRIUE CARMONA	CAN			360					360
134	ANTONIO HIRSCH	CAN			360					360
135	ANDONI LEÓN VARELA	CAN			360					360
136	VICTOR SANCHEZ PEREZ	CAN			300					300
137	LUCAS BUATOIS	CAN			300					300
138	LIAM DUNKERBECK	CAN			300					300
139	JUAN MANUEL BARRERA	CAN			300					300
140	GILLES NOAH RESE	CAN			300					300
141	ERIK VILLABONA	CAN			300					300
142	ALEJANDRO HERNANDEZ	CAN			300					300
143	ABRAHAM VIERA	CAN			300					300



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FEDERACIÓN ESPAÑOLA DE SURF

RANKING NACIONAL 2016 - SURF FEMENINO

RANKING	NOMBRE	CCAA	Conil(3*)	Tapia(3*)	Realejos(2*)	CE2016(6*)	Arucas(3*)	Pantin(2*)	Somo(3*)	Razo(3*)	TOTAL
1	Julia GAMERO	AND	1400			1443		670	630	1022	3865
2	Isabel GUNDÍN	GAL				1300		1000	1022	1400	3722
3	Laura GONZALEZ-COVIELLA	CAN			1000	1300	1400				3700
4	Madi AIZPURUA	EUS				1742			1400		3142
5	Nadia EROSTARBE	EUS				2236			854		3090
6	LUCIA MACHADO	CAN			610		1204		854		2668
7	June DEL CAMPO	EUS		938		1040			683		2661
8	Melania SUAREZ	CAN			730	1898					2628
9	INES HERNANDEZ	CNT		1400					1204		2604
10	Ariane OCHOA	EUS				2600					2600
11	Anne CALDERON	CNT		854		1040			630		2524
12	Nerea DONAIRE	AST		1022		1300					2322
13	Elizabet TACORONTE	CAN			555	988	777				2320
14	LAURA DE LOS REYES	CAN			500		938		777		2215
15	Violeta SANCHEZ	CNT				1170			777		1947
16	Noive CEBALLOS	CNT				1170			630		1800
17	Jodie de ARMAS	CAN			610	1170					1780
18	Raquel ESTEBAN	CNT				1040			630		1670
19	Angela AYESA	CNT				988			630		1618
20	Lucía MARTIÑO	AST				1586					1586
21	Garazi SANCHEZ	EUS				1586					1586
22	TAYRY HERNANDEZ CUENCA	CAN			500		1022				1522
23	Sara URESTRI	EUS				1443					1443
24	Belen BOTIN	CNT				1300					1300
25	ITZIAR HERNANDEZ	CAN			450		777				1227
26	Alba RODRIGUEZ Lloves	GAL		1204				860		938	1204
27	RAQUEL NOWELL	AND	1204								1204
28	Cristina IGLESIAS	GAL				1040				1204	1040
29	ARACELI GOMEZ		1022								1022
30	ANA SOFIA BETANCOR	CAN			400				546		946
31	NATALIA CALVO		938								938
32	Marta SANTIAGO								938		938
33	ELIZABET DÍAZ	CAN			870		777				870
34	MARIA ORTIZ	AND	854								854
35	Claudia DIAZ	AND	854								854
36	LAURA LACALZADA GONZALEZ	CAN					854				854
37	MARIA MIRANDA LEON	CAN					854				854
38	Laura SOTO	GAL								854	854
39	Gabriela SERNA	GAL								854	854
40	Maren DEL CAMPO	EUS							777		777
41	Monica PINTOS	GAL						730			730
42	INDIRA HERNANDEZ HERNANDEZ	CAN					683				683
43	Alejandra GARCIA	EUS							683		683
44	Carmen MIER	AST							683		683
45	SOFIA DE TOMAS ASCANIO	CAN			670						670
46	MARA SEAQUEST								630		630
47	Maria PLATERO	GAL						610			610
48	ELENA MORENO	CAN			555						555
49	CHUKY TOLEDO								546		546
50	NICOLE GERLAND	CAN			500						500
51	FRANCESCA CAMBONI	CAN			500						500
52	Marcela MACHADO	CAN			450						450
53	CAHORA ROMERO	CAN			450						450
54	BONY EMILIA SANCHEZ	CAN			450						450
55	DANIELA BOLDINI	CAN			400						400



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FEDERACIÓN ESPAÑOLA DE SURF

RANKING NACIONAL 2016 - BODYBOARD OPEN

RANKING	NOMBRE	CCAA	CONIL(2*)	Razo(2*)	CE2016 GALDAR (6*)	GALICIA (3*)	TOTAL
1	Juan SANDE	GAL		1000	1300	854	3154
2	Yeray MARTINEZ	CAN			2600		2600
3	Nicolas NIETO	GAL		860	1040	700	2600
4	Alvaro JURADO	AND	1400		1170		2570
5	Brais GONZALEZ	GAL			1040	1204	2244
6	Diego CABRERA	CAN			2236		2236
7	Jesus SUAREZ	AND	1022		1170		2192
8	Kevin ORIHUELA	CAN			1898		1898
9	Ignacio REMENTERIA	AND	854		936		1790
10	Carlos MEGINO	GAL		730		1022	1752
11	Ruyman REY	CAN			1742		1742
12	Eduardo RODRIGUEZ	CAN			1586		1586
13	Acaymo MARTIN	CAN			1586		1586
14	Iago DIAZ	GAL		555		938	1493
15	Aitor OJEDA	CAN			1443		1443
16	Aitor MARTIN	CAN			1443		1443
17	Ignacio GARCIA	GAL				1400	1400
18	Luis PEREZ	CNT			1300		1300
19	Diego BORGES	CAN			1300		1300
20	Abian PERDOMO	CAN			1300		1300
21	Alfonso ARGIBAY	GAL		670		630	1300
22	Alvaro GOLPE	GAL		610		630	1240
23	DAVID CAMACHO	AND	1204				1204
24	Octavio GONZALEZ	CAN			1170		1170
25	Juan Daniel QUINTANA	CAN			1170		1170
26	Samuel BRITO	CAN			1040		1040
27	Miguel SOLIVERES	CAN			1040		1040
28	Jonathan VEGA	CAN			1040		1040
29	Eleazar GUTIERREZ	CAN			1040		1040
30	Borja GRANADOS	CAN			1040		1040
31	Bencomo PLACERES	CAN			1040		1040
32	Daniel ROBLIZO	AND	938				938
33	Ruben DOMINGUEZ	CAN			936		936
34	Paul LECOUEY	CAN			936		936
35	Jeeremia OJEDA	CAN			936		936
36	Ivan MANSO	GAL			936		936
37	Estefan MARTINEZ	CNT			936		936
38	Daute PERDOMO	CAN			936		936
39	Borja HERNANDEZ	CAN			936		936
40	Taxvi RIVAS	AND	854				854
41	Xan PAZOS	GAL				854	854
42	Ricardo ESTUPIÑAN	CAN			832		832
43	Nestor PEREZ	CAN			832		832

44	Daniel MARTIN	CAN			832		832
45	Airam PERERA	CAN			832		832
46	Carlos SANTANA	CAN			780		780
47	Ayoze RODRIGUEZ	CAN			780		780
48	Alejandro PEREZ	CAN			780		780
49	SERGIO GARCIA	AND	777				777
50	Jaime ORTA	AND	777				777
51	Alberto ROBLIZO	AND	777				777
52	Julián FERNANDEZ	GAL				777	777
53	Fernando FDEZ-COUTO	GAL				777	777
54	Jorge BRUQUETAS	GAL				700	700
55	Adrián FORMOSO	GAL				700	700
56	Bruno MARTIN	GAL				700	700
57	Jose HARTO	GAL				630	630
58	Javier FIDALGO	GAL				630	630
59	Iván TABOADA	GAL		610			610
60	Pedro MENDEZ	GAL				560	560
61	Andrés SANTALLA	GAL				560	560
62	Santiago MARTINEZ	GAL		555			555
63	Pablo LOSADA	GAL		555			555
64	Juan PIÑEIRO	GAL				546	546
65	Uxio RODRIGUEZ	GAL		488			488
66	Jose CASAS	GAL		488			488



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FEDERACIÓN ESPAÑOLA DE SURF

RANKING NACIONAL 2016 - BODYBOARD FEMENINO

RANKING	NOMBRE	CCAA	Realejos(2*)	Arucas(3*)	CE2016 GALDAR (6*)	TOTAL
1	Ilenia SUAREZ	CAN	730	1022	2236	3988
2	Teresa PADILLA	CAN	1000	1400	1586	3986
3	SARA RIVERO ROQUE	CAN	610	1204	1898	3712
4	Lara ASCANIO	CAN	860		2600	3460
5	Laura DEMETRIO	CAN			1742	1742
6	Alicia SANTANA	CAN			1586	1586
7	MARIA JOSE MIRANDA PEREZ	CAN		938		938
8	CELIA PERERA ÁLVAREZ	CAN	670			670
9	ANDREA MAROA FRANCISCO	CAN	610			610



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FEDERACIÓN ESPAÑOLA DE SURF

RANKING NACIONAL 2016 - DROPKNEE

RANKING	NOMBRE	CCAA	Andrin(3*)	CE2016 GALDAR (6*)	TOTAL
1	Brais GONZALEZ	GAL	938	1898	2836
2	Hugo HERNANDEZ	CAN		2600	2600
3	Kevin ORIHUELA	CAN		2236	2236
4	Alberto BARROSO	CAN		1742	1742
5	Alejandro REYES	CAN		1586	1586
6	Paul LECOUEY	CAN		1586	1586
7	Carlos SANTANA	CAN		1443	1443
8	Joab RODRIGUEZ	CAN		1443	1443
9	Jonny LANZOS	AST	1400		1400
10	Estefan MARTINEZ	AST		1300	1300
11	Aitor MARTIN	CAN		1300	1300
12	Jesus SUAREZ	AND		1300	1300
13	Diego BORGES	CAN		1300	1300
14	Rafael LEÓN	AST	1204		1204
15	Jose Antonio CATALAN	AND		1170	1170
16	Aridane GONZALEZ	CAN		1170	1170
17	Hector GONZALEZ	CAN		1170	1170
18	Jose A VIAÑA	CNT	1022		1022



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FEDERACIÓN ESPAÑOLA DE SURF

RANKING NACIONAL 2016 - LONGBOARD OPEN

RANKING	NOMBRE	CCAA	CONIL(3*)	CE2016(6*)	Pantín(2*)	Razo(3*)	Moya(3*)	TOTAL
1	Alberto FERNÁNDEZ	AND	1400	2600				4000
2	Jesús BUSTO	GAL		1443	1000	1204		3647
3	Juan VILLASANTE	AND	1204	2236				3440
4	Jorge CABRERA	CAN		1586			1204	2790
5	Iago FORMOSEL	GAL			860	1400		2260
6	Maria LAFUENTE	GAL		1300	730			2030
7	Jordy MACHADO	CAN		1898				1898
8	Tino AJA	CNT		1742				1742
9	Nicolas GARCIA	AST		1586				1586
10	MIGUEL ORTEGA MONTENEGRO	CAN					1400	1400
11	Juan Francisco CABRERA	GAL					1022	1022
12	Willy ALVAREZ	AND	1022					1022
13	Lois RODRIGUEZ	GAL				1022		1022
14	Gonzalo CREMADES	AND	938					938
15	Adrian SEOANE	GAL				938		938
16	Joel RODRIGUEZ	CAN					938	938
17	Roberto LORENZO	CAN					854	854
18	Rodolfo NAVARRO	GAL				854		854
19	Gorka SANCHEZ	CAN					854	854
20	Rafael RIVERO	GAL			670			670



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FEDERACIÓN ESPAÑOLA DE SURF

RANKING NACIONAL 2016 - SUP OLAS OPEN

RANKING	NOMBRE	CCAA	CONIL(3*)	CE2016(6*)	Pantín(2*)	La Oliva(3*)	Razo (3*)	TOTAL
1	Guillermo CARRACEDO	GAL	1022	1898	1000		1400	4320
2	Juan DE LOS REYES	AND	1204	2236				3440
3	Gustavo LEON	CAN		1586		1400		2986
4	Pedro FERNANDEZ	GAL		936	610		1204	2750
5	Oihan AIZPURU	EUS		2600				2600
6	Yago RODRIGUEZ	GAL		988	610		938	2536
7	Jaran RODRIGUEZ	CAN		1586		938		2524
8	OLWEN GUASCON	AND	1400	1040				2440
9	Gerovan ABREU	CAN		1300		854		2154
10	Fernando PEREZ	AND	854	1170				2024
11	Jorge DOPAZO	GAL		1040			854	1894
12	Javier VALEIRAS	GAL		1040			854	1894
13	Javier ALVAREZ	AST		1170	670			1840
14	Marcos ALMÓN	GAL			730		1022	1752
16	Oscar RUIZ	CNT		1742				1742
17	Pablo VALENCIA	CAN		1443				1443
18	Felix PALMERO	CAN		1443				1443
19	Tino AJA	CNT		1300				1300
20	Juan A CALZADA	CNT		1300				1300
21	David TORRALBA	VAL		1300				1300
22	Stephan ETIENNE	CAN				1204		1204
23	Ugutx KARRERA	EUS		1170				1170
24	Alfonso MUÑIZ	AST		1170				1170
25	Jaime FERNANDEZ	AST		1040				1040
26	Iballe RUANO	CAN				1022		1022
27	Jesus dePABLOS	CNT		988				988
28	Juan BENITEZ		938					938
29	Aday CABRERA	EUS		936				936
30	Jorge VILLANUEVA				860			860
31	Oliver RODRIGUEZ		854					854
32	Francesco RAGGHIANI					854		854
33	Sevi MONTES		777					777
34	CLAUDIA DIAZ		777					777
35	Amical TIONI					777		777
36	Tanauso LEON Pérez	CAN				777		777
38	Narciso MADEDDU					777		777
39	Nicolas POMBO	GAL					777	777
40	Juan Jose RODRIGUEZ					683		683
41	Gilber BAEZ					683		683
42	Fabio DONINI					683		683
43	Beatriz PIÑAL	CNT			555			555
44	Alazne AURRECOECHEA	EUS			555			555
45	Nicolas ALONSO				555			555
46	Carlos REMIS	AST			488			488



FESURF
FEDERACIÓN ESPAÑOLA DE SURF

RANKING NACIONAL 2016 - SUP OLAS FEMENINO

RANKING	NOMBRE	CCAA	CE2016(6*)	Pantín(2*)	La Oliva (3*)	Razo(3*)	TOTAL
1	Ibaila RUANO	CAN	2600		1400		4000
2	Alazne AURRECOECHEA	EUS	2236	1000			3236
3	Beatriz PIÑAL	CNT	1898	860			2758
4	Nayra MARTINEZ	CAN	1742		1022		2764
5	CLAUDIA DIAZ	AND	1586				1586
6	Nicole BORONAT	CAN			1204		1204
7	Mar PEREZ	CAT					0
8	Aia MARTINEZ	CNT					0

TABLAS PUNTOS COPA DE ESPAÑA

	*	**	***	****	*****	*****	*****
1	500	1000	1400	1800	2200	2600	3000
2	430	860	1204	1548	1892	2236	2580
3	365	730	1022	1314	1606	1898	2190
4	335	670	938	1206	1474	1742	2010
5	305	610	854	1098	1342	1586	1830
6	291	583	816	1049	1283	1516	1750
7	277	555	777	999	1221	1443	1665
8	264	528	739	950	1162	1373	1584
9	250	500	700	900	1100	1300	1500
10	244	488	683	878	1074	1269	1464
11	237	475	665	855	1045	1235	1425
12	231	462	647	832	1016	1201	1385
13	225	450	630	810	990	1170	1350
14	219	438	613	788	964	1139	1314
15	213	425	595	765	935	1105	1275
16	207	413	578	743	909	1074	1240
17	200	400	560	720	880	1040	1200
18	197	395	553	711	869	1027	1185
19	195	390	546	702	858	1014	1170
20	193	385	539	693	847	1001	1155
21	190	380	532	684	836	988	1140
22	187	375	525	675	825	975	1125
23	185	370	518	666	814	962	1110
24	183	365	511	657	803	949	1095
25	180	360	504	648	792	936	1080
26	177	355	497	639	781	923	1065
27	175	350	490	630	770	910	1050
28	173	345	483	621	759	897	1035
29	170	340	476	612	748	884	1020
30	167	335	469	603	737	871	1005
31	165	330	462	594	726	858	990
32	163	325	455	585	715	845	975
33	160	320	448	576	704	832	960
34	157	315	441	567	693	819	945
35	155	310	441	567	693	819	947
36	153	305	427	549	671	793	915
37	150	300	420	540	660	780	900
38	147	295	413	531	649	767	885
39	145	290	406	522	638	754	870
40	143	285	399	513	627	741	855
41	140	280	392	504	616	728	840
42	137	275	385	495	605	715	825
43	135	270	380	486	594	702	810
44	133	265	371	477	583	689	795
45	130	260	364	468	572	676	780
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46	127	255	357	459	561	663	765

47	125	250	350	450	550	650	750
48	123	245	343	441	539	637	735
49	120	240	336	432	528	624	720
50	117	235	329	423	517	611	705
51	115	230	322	414	506	598	690
52	113	225	315	405	495	585	675
53	110	220	308	396	484	572	660
54	107	215	301	387	473	559	645
55	105	210	294	378	462	546	630
56	103	205	287	369	451	533	615
57	100	200	280	360	440	520	600
58	97	195	273	351	429	507	585
59	95	190	266	342	418	494	570
60	93	185	259	333	407	481	555
61	90	180	252	324	396	469	541
62	87	175	245	315	385	455	525
63	85	170	238	306	374	442	510
64	83	165	231	297	363	429	495
65	80	160	224	288	352	416	480
66	77	155	217	279	341	403	465
67	75	150	210	270	330	390	450
68	73	145	203	261	319	377	435
69	70	140	196	252	308	364	420
70	67	135	189	243	297	351	405
71	65	130	182	234	286	338	390
72	63	125	175	225	275	325	375
73	60	120	168	216	264	312	360
74	57	115	161	207	253	299	345
75	55	110	154	198	242	286	330
76	53	105	147	189	231	273	315
77	50	100	140	180	220	260	300
78	49	98	137	176	216	255	294
79	48	96	134	173	211	250	288
80	47	94	132	169	207	244	282
81	46	92	129	166	202	239	277
82	45	90	126	162	198	234	270
83	44	88	123	158	194	229	264
84	43	86	120	155	189	224	258
85	42	84	118	151	185	218	252
86	41	82	115	148	180	213	245
87	40	80	112	144	176	208	240
88	39	78	109	140	172	203	234
89	38	76	106	137	167	198	228
90	37	74	104	133	163	192	222