

## **EARTHQUAKE PRONE ZONE**

25th February, 2015

LSQ 391

Shri S.P. Muddahanumegowda

Will the Minister of **EARTH SCIENCES** be pleased to state:-

- (a) whether the Indian Meteorological Department has identified and mapped the earthquake prone zones in the country;
- (b) if so, the details thereof;
- (c) the details of seismic tremors reported along with their intensity during the last three years and the current year;
- (d) whether adequate steps have been taken to deal with earthquakes, including creating awareness amongst masses; and
- (e) if so, the details thereof?

MINISTER FOR MINISTRY OF SCIENCE AND TECHNOLOGY AND MINISTRY OF EARTH SCIENCES  
(DR. HARSH VARDHAN)

(a) Yes, Madam.

(b) Bureau of Indian Standards [IS-1893 (Part- 1): 2002], based on the past seismic history, grouped the country into four seismic zones, viz. Zone-II, -III, -IV and -V. Of these, Zone V is the most seismically active region, while zone II is the least. The Modified Mercalli (MM) intensity, which measures the impact of the earthquakes on the surface of the earth, broadly associated with various zones, is as follows:

Seismic Zone	Intensity on MM scale
II (Low intensity zone)	VI (or less)
III (Moderate intensity zone)	VII
IV (Severe intensity zone)	VIII
V (Very severe intensity zone)	IX (and above)

Broadly, Zone-V comprises of entire northeastern India, parts of Jammu and Kashmir, Himachal Pradesh, Uttaranchal, Rann of Kutch in Gujarat, parts of North Bihar and Andaman & Nicobar Islands. Zone-IV covers remaining parts of Jammu & Kashmir and Himachal Pradesh, Union Territory of Delhi, Sikkim, northern parts of Uttar Pradesh, Bihar and West Bengal, parts of Gujarat and small portions of Maharashtra near the west coast and Rajasthan. Zone-III comprises of Kerala, Goa, Lakshadweep islands, remaining parts of Uttar Pradesh, Gujarat and West Bengal, parts of Punjab, Rajasthan, Madhya Pradesh, Bihar, Jharkhand, Chhattisgarh, Maharashtra, Orissa, Andhra Pradesh, Tamilnadu and Karnataka. Zone-II covers remaining parts of the country.

(c) Details of the seismic tremors reported in the country, for the last 3-years and the current year, are presented in Annexure.

(d) Yes, Madam.

(e) Guidelines have also been published by the Bureau of Indian Standards (BIS), Building Materials & Technology Promotion Council (BMTPC), Housing and Urban Development Corporation (HUDCO) and National Disaster Management Authority (NDMA) for the design and construction of earthquake resistant structures to minimize the loss of life and damage to property caused by earthquakes. Loss of life and damage of property due to earthquakes could be considerably reduced through proper planning and implementation of pre- and post-disaster preparedness and management strategies by respective State and Central Government agencies in a coordinated manner following

the above mentioned guidelines. Further, as part of pre- disaster preparedness measure, Government of India has also completed seismic microzonation studies of some of the major cities in the country such as, Jabalpur, Guwahati, Bangalore, greater Bharuch in Gujarat, Jammu in J & K, Shillong in Meghalaya, Chennai in Tamilnadu and sikkim state. These studies involving preparation of geological, geomorphological and land use maps followed by drilling, geological logging, standard penetration test and geophysical studies to demarcate the zones of least to most damage prone areas within the urban areas helps the respective town and country planning agencies to formulate perspective planning within the overall earthquake impact minimization efforts. The Government has implemented various programmes to educate and raise awareness amongst school children and general public on various aspects of earthquakes, their impacts and measures to mitigate losses.

LOK SABHA ANNEXURED UNSTARRED QUESTION NO. 391 DATED 25.02.2015  
Annexure

Details of earthquakes along with their intensity which have been detected and located in and around the country (covering the area bounded by Latitude 6<sup>o</sup>.38<sup>o</sup> N and Longitude 68<sup>o</sup>.98<sup>o</sup>E) by the Seismological Network of India Metrological Department (IMD) during the last three years and the current year.

Year	Month	Day	Origin-time (in UTC)			Lat. ( <sup>o</sup> N)	Long. ( <sup>o</sup> E)	Depth (km.)	Magni tude (Richter Scale)
			Hr	Min	Sec				
2012	1	1	2	35	19.6	23.5	91.8	15	4.4
	1	2	15	18	17.2	34.37	75.04	15	3.4
	1	3	12	13	56.7	33.83	76.2	30	2.9
	1	3	17	32	31.2	8.14	92.14	12	4.7
	1	3	20	36	52	35.71	77.42	33	3.9
	1	4	16	31	22.1	33.69	74.63	15	4.2
	1	4	21	50	37.7	19.73	72.9	10	2.8
	1	5	11	13	15.8	36.3	71.74	33	4.1
	1	6	5	28	47.7	25.32	96.99	15	4.2
	1	7	15	33	7.5	29.76	79.95	10	2.7
	1	8	1	16	55.7	35.85	69.93	93	4.1
	1	9	10	41	11.3	30.22	80.23	10	3.1
	1	10	12	53	31.5	25.32	93.98	10	3.3
	1	11	8	59	39.9	29	82.32	37	3.4
	1	11	13	7	16	27.42	95.68	13	3.2
	1	11	19	23	50	31.95	77	10	3
	1	11	22	23	18.6	25.15	94.77	15	4.5
	1	13	1	26	12.8	30.3	80.56	10	3.6
	1	13	21	25	6.5	36.62	71.02	93	4.3
	1	13	22	49	55.7	36.16	70.22	81	5.1
	1	14	19	41	54	24.24	94.34	35	3.1
1	15	21	58	48.7	35.77	69.76	33	4.1	
1	16	5	1	21.2	29.72	78.9	10	3.6	

1	16	20	5	13.1	26.34	96.64	33	3.2
1	19	0	46	49.7	29.47	82.09	10	4
1	19	21	33	8.8	36.03	69.34	33	4.2
1	20	21	28	54.7	10.81	91.82	14	4.1
1	22	4	38	22.2	28.79	76.78	14	3
1	28	23	24	52.5	28.82	76.75	15	3.7
1	29	0	6	16	36.49	71.23	98	4.1
1	29	21	37	5.5	28.84	76.75	10	3.2
1	30	20	17	0.5	24.52	94.58	30	3.3
1	30	22	58	4	7.31	93.85	47	4.5
2	1	4	40	48.4	27.05	75.46	10	2.2
2	1	23	40	33	23.26	92.72	23	3.4
2	2	11	29	13.1	10.2	84.24	30	4.1
2	3	0	58	2.2	35.63	70.63	33	4.3
2	3	23	32	11.1	36.37	71.04	105	4.5
2	4	16	23	25.5	31.49	77.67	10	2.4
2	4	19	22	24.2	36.26	69.96	63	4.6
2	4	19	40	21.2	24.69	94.95	33	3
2	5	2	45	53.9	31.98	74.86	10	3
2	5	3	16	17.1	23.41	93.99	15	3.8
2	8	15	4	26.1	26.26	96.04	10	3.6
2	8	19	22	34.5	14.23	80.18	8	3.4
2	9	19	17	32	30.94	78.31	10	5
2	10	15	16	51.7	26.13	94.18	10	3.2
2	10	15	45	14.1	26.08	94.19	10	4.3
2	11	17	9	31	27.02	92.62	13	3.2
2	12	6	40	23.1	29.45	80.37	10	2.8
2	12	12	7	30.7	36.39	71.02	30	3.7
2	12	13	57	9.1	22.24	94.49	10	3.5
2	12	22	20	1.5	28.75	76.82	16	2.6
2	14	1	47	21.7	17.44	80.61	10	2.9
2	14	7	0	11.1	10.4	92.96	20	4.1
2	14	13	48	42.7	27.34	88.15	10	3.6
2	15	6	26	53.7	28.7	76.81	16	2.6
2	15	18	31	57.9	6.51	92.49	12	5
2	16	4	7	16.1	36.13	70.07	113	4.8
2	17	11	38	47.9	22.93	94.2	15	3.4
2	17	15	44	18	32.67	83.29	22	5
2	18	8	46	45.7	32.31	70.58	30	4.6
2	18	18	54	56.2	25.02	95.18	16	3.6
2	20	13	52	35	35.86	79.7	10	4.5

2	20	13	59	24	35.8	79.89	15	4.9
2	20	14	18	3.9	35.82	79.95	10	5.1
2	20	18	8	30	23.32	94.13	10	2.8
2	21	18	56	28.6	26.36	92.4	15	2.3
2	21	19	55	43.7	36.67	76.99	30	4
2	22	12	58	43	26.96	92.61	18	3.4
2	25	8	45	57.7	26.37	88.93	19	3.8
2	26	10	39	23.7	26.31	89.09	20	3.2
2	26	15	55	31.2	24.69	93.75	65	4.4
2	26	23	8	45.9	29.42	80.9	11	4.3
2	27	15	53	34.5	25.74	95.45	30	2.9
2	28	7	19	29.7	36.35	69.69	33	4
2	28	20	55	44.5	24.05	94.61	33	4.5
3	1	17	25	47.7	27.4	91.33	10	3.7
3	1	17	52	44.4	13.04	92.57	38	4.7
3	2	0	55	45	23.36	94.09	10	3.1
3	2	12	11	32.7	7.31	94.15	76	4.8
3	3	1	19	30.2	23	93.79	25	3.2
3	3	3	52	10.5	36.18	70.23	119	4.4
3	4	4	55	6.4	24.7	93.35	29	3.1
3	4	21	21	35.9	25.68	91.07	15	3.4
3	5	7	41	4	28.7	76.59	14	5.1
3	6	2	52	40.2	8.34	93.79	17	5.5
3	6	2	59	25.7	8.46	93.91	30	5
3	7	13	18	18.7	32.13	78.14	10	3.8
3	10	18	6	32.7	8.5	93.8	10	2.9
3	11	10	4	56.7	28.19	76.46	11	2.5
3	12	6	6	40	36.83	72.75	13	5.7
3	12	6	21	27.6	36.56	72.88	10	4.6
3	12	8	26	6.3	36.78	72.67	10	4.7
3	12	12	59	4.5	37.04	72.89	66	4.4
3	12	22	7	21.7	29.04	76.97	10	3.6
3	14	17	1	43	10.38	94.28	47	4.7
3	14	18	25	1.2	27.26	91.17	10	3.4
3	15	8	18	36.4	36.47	70.6	172	4.5
3	15	9	22	11.3	36.91	72.85	10	4.2
3	15	14	39	7.3	10.66	93.91	33	4.1
3	15	14	55	57	10.4	94.05	35	4.6
3	15	17	3	32.2	36.65	71.59	90	4.6
3	16	7	7	19.2	10.44	94.12	35	4.7
3	18	2	56	11.5	23.72	90.25	44	4.5

3	18	17	23	57.7	24.94	92.3	30	3.6
3	19	20	36	22	28.93	82.31	10	4.1
3	20	10	18	49.7	9.59	93.39	15	4.9
3	21	14	50	35.7	21.42	72.31	10	2.5
3	22	12	54	22.7	36.15	68.18	10	4.3
3	23	7	48	23.5	36.72	70.61	180	4.4
3	24	7	45	17.5	28.52	76.75	18	3
3	25	0	39	22.7	23.52	93.81	30	3.6
3	25	5	46	53.2	25.82	92.9	15	3.2
3	25	9	31	5	27.66	92.75	10	3.4
3	25	10	6	16.7	33.82	89.49	10	4.4
3	25	12	38	52.2	36.19	70.61	90	4.6
3	27	4	49	27.2	11.24	78.58	11	3.6
3	27	21	55	1.2	32.69	95.04	11	4.2
3	27	23	40	12.6	26.12	87.79	27	5
3	28	18	26	22.2	32.67	89.02	33	4.2
3	29	0	23	22	21.64	94.39	14	4.5
3	30	21	21	48.7	22.98	94.08	22	3.1
3	31	4	16	51	36.75	71.08	199	5.2
4	1	4	50	14.8	37.83	71.84	30	4
4	1	11	44	8.6	27.09	95.32	10	3.4
4	1	19	25	8.3	25.53	95.22	30	3.1
4	2	15	30	7.4	37.45	71.64	79	4.8
4	4	1	10	26.7	28.76	76.84	18	2.4
4	5	5	45	34.5	37.02	71.44	117	4.4
4	5	22	9	52.2	25.67	95.32	30	4.1
4	6	5	5	6	36.41	70.71	33	4.1
4	9	18	25	36.2	37.08	71.69	33	3.7
4	9	21	4	17.7	23.99	94.29	31	3
4	10	0	52	18.2	31.24	77.08	13	3.7
4	10	8	8	36.5	34.59	82.48	34	4.5
4	10	8	25	44.5	34.57	83.64	35	4
4	10	19	7	7.5	21.69	94.08	20	3.9
4	11	7	0	49.2	18.56	71.35	19	3.5
4	12	14	47	25.1	27.26	92.19	10	3.4
4	13	10	11	54.4	25.33	94.88	85	4.5
4	14	3	22	58.7	23.08	70.54	10	4
4	14	3	44	2.7	23.97	93.94	21	3.3
4	14	5	27	41.2	17.4	73.81	12	4.9
4	14	6	17	19.2	17.3	73.71	15	4
4	14	16	5	30.2	24.97	91.18	12	3

4	15	2	57	34.4	37.8	71.81	50	4.9
4	16	1	45	20.1	10.52	92.93	35	4.3
4	17	15	15	53	36.68	69.8	186	4.8
4	17	21	6	7.5	24.68	94.58	30	2.9
4	19	19	36	50.2	23.12	93.71	17	2.6
4	19	19	57	20.7	25.96	90.55	12	2.6
4	19	21	5	51.5	25.48	90.68	12	2.8
4	20	10	35	1.2	25.09	92.24	16	3.5
4	20	17	25	35.2	25.04	93.3	36	2.7
4	22	4	48	28.7	24.26	94.09	15	3.4
4	22	5	51	41.4	28.36	73.11	23	2.8
4	22	23	5	8.1	7.68	94.07	49	4.7
4	24	14	57	8.6	8.73	94.07	14	5.5
4	24	15	21	4	8.67	93.76	21	4.5
4	24	18	11	11.5	24.72	93.47	30	3
4	24	19	14	38.5	8.72	94.06	15	4.8
4	24	22	9	30.7	8.54	94.1	14	4.5
4	24	23	5	4.5	26.28	93.57	35	3
4	25	2	17	58.2	25.3	93.54	12	2.7
4	25	6	55	42.4	23.9	94.71	15	3
4	25	7	42	31.7	9.73	94.04	9	5.8
4	25	7	53	15.8	8.54	94.26	12	5.4
4	25	13	33	15.8	26.91	92.98	13	3.2
4	25	18	42	28	8.37	94.04	10	4.4
4	25	19	48	21	20.24	94.76	10	2.7
4	25	22	49	58.4	36.41	82.66	12	4.5
4	26	5	54	48.7	37.48	71.82	122	4.2
4	26	7	28	31.2	24.93	93.69	11	3.1
4	27	5	49	27	36.58	71	210	4.8
4	28	18	40	17.2	26.22	92.47	15	2.7
4	29	21	53	42.7	28.02	87.95	35	3.6
4	30	13	6	56.5	14.27	93.41	35	5.4
5	1	14	30	37.7	9.68	94.06	29	4.7
5	1	22	43	11.8	26.21	92.14	16	3.8
5	2	9	44	14	26.32	90.21	12	2.8
5	2	9	57	28.2	8.83	94.02	10	4.7
5	2	10	57	29	21.95	94.12	23	4.1
5	2	19	57	43	28.3	94.13	12	3.5
5	2	23	12	15.3	28.18	76.21	10	3.5
5	3	1	18	0.2	9.67	93.43	33	5
5	3	4	59	30	8.85	93.93	24	4.8

5	3	6	42	34	36.34	70.46	113	4.9
5	3	17	26	49	25.16	92.56	16	2.8
5	4	11	5	24.6	37.63	72.15	95	4.5
5	4	20	9	27	27.37	95.18	18	4.4
5	5	5	58	29.7	33.68	96.01	10	4.4
5	6	5	43	1	32.4	76.32	10	3.6
5	6	8	10	54.4	29.65	80.78	15	3.1
5	6	23	49	15.1	23.53	87.44	15	4.2
5	8	19	11	33.7	23.61	93.7	26	3.3
5	8	23	12	44.7	20.22	94.66	33	4.4
5	9	18	5	57.4	34.35	74.47	15	3.5
5	10	18	42	17.7	25.24	93.79	23	2.6
5	10	22	0	40	30.18	79.39	10	3.9
5	11	12	41	35.5	26.25	92.88	43	5.3
5	11	12	53	42.2	26.26	92.87	40	3.8
5	11	13	22	33	36.59	69.64	33	4.3
5	11	14	10	56.9	26.09	92.97	26	2.7
5	14	13	47	37.7	24.36	94.43	20	3.2
5	15	17	52	28.2	25.16	94.94	20	2.9
5	15	21	56	34.9	28.78	76.83	8	3
5	16	0	33	39.7	24.14	94.08	14	3.9
5	16	1	54	18.7	25.09	95.1	26	3.1
5	16	17	43	1.7	25.22	91.42	10	3
5	16	21	34	56.7	24.05	94.44	30	3
5	17	1	3	18.7	24.87	95.29	25	3.2
5	17	13	39	18.2	28.86	76.75	12	3.4
5	17	20	30	14.8	25.26	95.53	12	3.1
5	19	14	2	35	33.51	86.94	20	4.5
5	21	21	38	38.9	37.91	77.39	31	4.8
5	22	2	4	42	36.38	71.29	122	4.4
5	22	2	55	18	33.85	72.46	16	4.1
5	22	12	19	50.7	25.17	94.31	40	4
5	22	16	41	59.4	37.08	71.07	30	3.9
5	23	22	4	46.5	24.77	92.25	10	2.1
5	25	4	41	1.7	24.63	94.15	28	4
5	26	3	59	41	35.79	70.23	76	4.4
5	26	4	21	7.5	13.03	92.11	27	4.3
5	27	15	1	29.2	26.66	91.65	22	4.5
5	27	16	3	57.5	36.6	71.43	85	4.7
5	27	18	29	7.3	12.17	77.62	8	3.3
5	27	20	50	22.2	30.85	83.54	35	4.8

5	29	13	49	52.2	36.22	70.02	144	4.1
5	30	1	54	27.5	27.32	88	10	4.2
5	30	7	22	0.6	23.1	93.18	10	3.4
5	30	9	28	13.8	24.49	94.89	30	4
5	30	13	23	2.4	8.31	91.9	17	4.9
5	31	6	37	22.7	24.72	93.88	30	3.4
6	1	4	42	13.6	36.58	70.42	30	3.8
6	1	4	53	43.2	34.85	69.37	39	3.6
6	1	19	11	34.7	29.22	95.51	30	4
6	1	21	42	52	24.77	95.03	12	3.9
6	1	23	39	38	30.51	79.06	15	3.2
6	2	6	47	36.5	35.9	70.52	30	3.8
6	2	7	14	29.5	37.82	73.72	30	3.5
6	2	21	52	59.5	36.25	70.47	30	3.7
6	3	21	31	37.5	36.03	70.12	24	4.3
6	3	23	19	14.5	35.99	79.65	33	4.1
6	4	6	0	6	36.53	71.21	30	3.8
6	4	15	30	50.2	36.49	69.92	30	3.6
6	4	17	36	22.7	36.9	71.05	30	3.9
6	6	19	48	6	25.28	93.69	10	2.9
6	7	19	38	56	24.96	91.17	13	3.3
6	8	4	9	22.5	23.1	94.02	10	3.7
6	9	7	45	53.7	36.29	70.51	38	3.6
6	9	7	54	10.6	28.3	84.15	15	4.6
6	9	8	14	40.9	20.14	82.89	8	3.9
6	9	12	0	3.7	28.42	86.76	20	3.5
6	10	3	29	35.2	36.28	70.52	86	4.7
6	10	12	23	40.7	25	95.02	20	3.2
6	11	4	35	55.5	27.43	88.19	10	3.8
6	11	5	2	16	35.84	69.29	29	5.3
6	11	5	29	12.8	35.94	69.28	20	5.7
6	12	1	9	44	22.32	78.86	15	3.4
6	12	17	2	2.4	23.88	94.16	14	3.9
6	12	18	53	39.2	24.87	91.17	10	2.7
6	13	3	16	3.7	28.71	76.65	13	2.8
6	13	10	39	43	23.29	94.54	10	3.4
6	13	11	20	40	25.91	92.68	28	3.4
6	15	0	42	6.8	18.41	76.84	25	2.7
6	15	9	36	14.8	29.79	68.91	10	4.1
6	15	16	15	1.7	28.68	81.74	10	3.5
6	16	5	38	30.2	26.35	92.76	37	3.8



6	16	10	42	15.5	23.79	93.58	20	3.5
6	16	15	7	57.5	27.11	91.76	12	3.3
6	18	19	35	10.5	25.88	90.58	10	3.2
6	19	14	0	8.6	28.66	76.59	10	3.8
6	19	20	14	2.2	23.62	70.22	17	5
6	20	8	46	26	11.15	76.02	11	3.3
6	20	15	5	54.2	34.82	73.24	41	4.3
6	20	20	33	47	26.76	95.6	30	3.5
6	22	2	44	45.5	29.02	77.08	15	3.5
6	22	2	51	26.6	36.42	68.4	35	4
6	22	4	38	47.5	29.07	77.02	15	3.4
6	23	13	48	14.1	36.39	70.04	30	4.1
6	23	20	15	6.5	36.48	70.52	33	3.7
6	23	20	37	58.2	36.42	70.31	30	3.7
6	24	11	22	36.7	35.72	69.85	33	4.4
6	24	21	49	28.7	36.71	71.2	91	4.6
6	25	6	10	0.1	24.82	91.88	23	3.6
6	26	12	16	43.5	21.75	94.66	12	3.5
6	27	18	27	34	36.71	71.32	75	4.4
6	29	2	6	54.7	37.99	69.17	18	4.6
6	29	5	29	59.4	24.16	91.92	17	3.7
6	29	8	13	14.6	37.72	71.98	50	4.1
6	30	19	43	20.7	28.93	96.55	43	4.8
7	1	4	13	53.2	25.67	94.54	69	5.6
7	1	4	54	5.5	25.68	94.63	68	4.3
7	2	5	48	40.7	28.59	77.04	9	2
7	2	10	7	12.6	28.55	76.3	10	3.3
7	2	12	24	1	36.12	68.7	28	4.5
7	2	20	51	20.2	24.88	95.32	15	3.4
7	3	10	28	8.8	25.02	92.02	22	3.1
7	3	19	11	44.2	29.84	88.16	10	4.7
7	3	22	14	45.5	36.65	70.51	33	3.6
7	4	4	18	29.1	36.29	70.39	30	3.6
7	4	5	24	9.8	24.9	93.89	19	3.3
7	4	8	37	31.2	33.78	75.21	41	3.7
7	5	9	29	31.7	25.67	94.21	14	3.1
7	5	14	18	16.5	36.53	69.73	90	4.4
7	5	20	3	13.1	23.49	94.23	12	2.7
7	6	5	50	30	33.23	75.73	10	2.8
7	7	19	54	19.5	31.82	72.06	10	3.2
7	8	0	42	41.2	24.58	94.21	19	2.9

7	8	9	47	40.2	36.54	70.64	33	3.9
7	8	11	25	18.7	28.84	76.74	10	2.8
7	8	12	52	43.5	22.74	93.32	24	3.3
7	8	15	39	42.7	24.4	94.13	16	3.3
7	9	12	11	59.5	30.02	77.1	10	2.4
7	9	12	30	14	26.17	92.95	34	3.5
7	9	20	13	5.3	25.3	96.64	30	5.1
7	9	23	13	58.7	25.34	96.54	15	3.1
7	9	23	44	31.7	24.98	94.07	10	3.4
7	10	4	30	41.2	32.6	69.24	10	3.2
7	10	10	44	59.2	26.75	92.32	15	3.5
7	10	13	3	41.4	26.5	93.19	51	4.5
7	10	15	53	56.7	25.67	91.64	10	3.4
7	11	15	28	48.7	27.01	92.11	14	3.1
7	11	17	23	28.7	29.4	81.38	12	4
7	12	14	0	29.1	36.63	70.56	152	5.8
7	12	14	44	53.5	36.48	70.96	146	4.7
7	13	18	10	22.7	26.48	93.18	41	2.6
7	14	14	18	10.1	25.68	91.58	13	2.6
7	14	19	55	19.2	25.55	94.33	53	5.5
7	15	11	0	34	23.09	94.11	12	3.3
7	15	11	38	14.1	22.58	89.37	33	3.2
7	15	14	33	35.5	28.83	77.28	13	2.2
7	16	15	7	18	24.94	94.99	30	3.2
7	16	15	41	19	36.21	70.44	30	4.1
7	16	23	16	7	24.96	96.58	10	3.6
7	17	6	0	37	22.86	93.33	48	4.3
7	17	6	33	32.2	24.82	93.22	22	2.9
7	17	7	47	5.3	36.28	70.04	117	4.2
7	17	10	26	55.7	31.24	73.54	10	4.1
7	17	12	0	23.5	36.49	70.74	50	4.1
7	17	21	21	3.2	24.81	91.96	34	3.3
7	17	23	2	55.9	31.19	76.95	10	2.3
7	19	7	36	32.2	37.22	71.08	93	5.7
7	20	14	7	1.2	23.08	94.45	10	3.2
7	22	2	11	10.1	25.01	96.58	23	5.1
7	22	16	44	23	29.84	88.08	29	4.8
7	22	20	29	38.4	36.35	87.41	25	4.2
7	23	0	15	12	29.78	87.93	35	4.3
7	23	12	10	27.6	36.14	68.68	29	4.5
7	24	3	26	54.9	24.64	93.85	22	3.2

7	24	12	24	25.7	26.19	92.21	35	3.3
7	25	14	51	9.8	36.22	68.53	24	4.7
7	26	5	31	30.1	33.76	75.75	15	4.3
7	26	9	44	47.2	27.61	92.67	12	3.1
7	26	21	58	25.7	27.56	92.75	11	3.1
7	27	21	31	56.7	25.5	94.14	22	3.3
7	28	5	48	7.5	29.86	80.71	17	4.5
7	28	22	51	13.3	36.09	70.02	33	4.1
7	29	2	21	13.3	22.94	94.05	75	5.7
7	29	3	22	35	23.06	93.63	10	2.9
7	29	6	29	19.6	22.99	93.76	14	3.4
7	29	7	28	6.4	24.12	94.33	10	3.5
7	29	12	3	41	36.83	70.62	30	3.9
7	29	20	3	0.5	27.89	92.07	12	3.4
7	29	20	55	44.7	37.25	71.58	90	4.4
7	30	8	3	49.2	21.23	72.8	11	3.2
7	31	11	50	53.7	28.62	82.45	10	4.3
7	31	11	58	30.7	28.72	82.42	10	4.3
7	31	17	2	30.2	36.53	70.5	50	3.7
8	1	19	50	2.5	29.95	85.7	10	4.4
8	1	21	58	36.9	26.03	96.5	44	4.7
8	2	13	16	39.4	19.72	89.86	10	4.6
8	2	14	48	25.7	9.15	93.84	50	4.1
8	2	18	0	25.7	33.72	74.75	15	3.5
8	2	19	6	5.5	26.36	96.57	15	5
8	3	0	2	28.2	37.68	72.1	148	4.5
8	3	10	42	20.6	26.3	93.4	39	3
8	5	6	36	49.2	24.83	91.82	27	4.2
8	5	14	10	28.2	30.52	94.89	24	4.8
8	5	15	35	47.5	21.01	94.02	10	3.3
8	6	4	1	55.9	21.94	94.58	10	3.8
8	6	4	55	23	36.6	71.08	66	4.5
8	6	14	15	46.2	35.85	77.63	63	4.4
8	7	0	18	2.7	30.09	94.35	24	4.7
8	7	18	40	44.4	36.76	70.99	33	3.9
8	8	19	22	20	35.67	77.61	30	4.1
8	9	4	8	51.4	26.23	93.65	33	3.1
8	9	5	49	50	30.85	95.14	10	3.7
8	9	13	12	4.5	28.56	86.83	35	4.7
8	9	13	55	28.5	28.52	86.82	23	3.7
8	11	15	44	40.2	28.45	86.83	15	4

8	12	10	47	7	35.64	82.52	13	6
8	13	20	32	55.5	35.18	73.57	20	5.4
8	14	0	45	45	36.69	69.79	154	4.2
8	14	2	39	26.2	36.7	70.55	167	4.5
8	14	3	36	43.5	23.49	94	30	3.4
8	14	15	17	0.6	26.33	93.14	38	3.3
8	14	20	32	58.5	35.58	82.57	10	4.7
8	16	2	51	27.7	23.44	94.14	10	3.3
8	16	22	15	56.7	17.33	80.73	10	3.3
8	17	16	13	8.6	26.35	92.62	44	3.3
8	18	5	9	32.7	25.33	93.92	10	2.9
8	19	9	24	49.5	26.62	92.55	38	4.8
8	19	19	4	57.2	26.58	92.66	42	3.9
8	19	20	52	52.7	24.93	92.68	19	2.8
8	22	10	23	39.7	24.53	90.81	15	3.3
8	22	13	7	7	36.35	69.86	33	3.8
8	23	15	51	31.2	26.5	97.19	20	2.8
8	23	16	30	20.7	28.35	82.65	15	5
8	24	3	55	53.4	28.35	82.58	32	4.3
8	24	8	32	0.2	36.34	69.55	30	3.7
8	24	12	9	59.2	26.37	92.73	34	3.1
8	26	5	18	22.5	35.07	89.73	10	4.6
8	27	12	5	23.7	10.23	92.78	58	5.2
8	28	21	14	38.5	25.02	96.64	30	3.1
8	29	3	15	45.5	25.5	94.23	20	2.7
8	29	11	38	42.4	26.24	95.98	11	3.4
8	30	3	27	23.7	31.92	69.82	15	4
8	30	4	34	46.7	36.39	70.11	20	4
8	31	3	43	36	20.87	84.98	15	3.7
8	31	19	10	6.8	24.95	96.58	10	3.5
9	2	18	52	53.2	28.56	76.66	15	2.5
9	3	10	46	18.2	18.11	76.54	10	2.6
9	4	7	42	34.5	26.29	92.57	19	3.2
9	4	7	47	12.6	37.04	78.87	41	4.5
9	5	1	25	7.4	26.12	89.85	27	3
9	6	18	27	8.6	25.6	91.05	15	4.4
9	6	18	36	20.7	36.44	70.46	30	4.1
9	8	7	18	17.5	6.75	95.56	233	4.7
9	8	20	35	45	37.78	72.75	30	4
9	9	15	21	16.2	36.14	70.2	33	4
9	9	21	20	29	37.32	79.25	14	4.7

9	9	22	7	23.1	36.98	79.36	16	3.7
9	10	6	19	21.5	13.69	92.75	31	4.8
9	10	14	35	44.4	10.6	93.65	39	5.1
9	10	15	43	9.1	17.45	73.4	15	3.1
9	10	18	52	15.5	10.59	93.76	29	4.5
9	10	19	22	15.5	23.32	90.76	30	3.3
9	11	11	9	45.9	23.95	94.12	11	3.9
9	11	18	9	46.7	24.65	93.73	13	3.8
9	12	16	34	6.3	21.3	76.51	20	3
9	12	19	29	51.5	36.9	71.25	158	5.2
9	13	8	17	54.2	30.01	70.09	10	4.6
9	14	6	45	8	36.29	69.5	169	4.7
9	16	19	29	6	28.9	77.43	17	3.3
9	17	9	41	16.2	27.27	94.87	34	3.4
9	18	12	26	23.7	27.48	88.64	30	4.6
9	18	18	8	54.9	26.04	90.61	20	3.2
9	18	23	12	51.5	26.24	93.28	30	3.5
9	19	6	28	36.7	22.27	93.85	30	3.7
9	19	22	49	10.3	17.7	73.96	16	2.9
9	20	1	38	23.2	24.19	91.7	12	3
9	20	10	12	21.6	24.79	94.9	40	3.5
9	21	14	20	42.9	26.11	95.31	50	4
9	21	22	59	21.1	36.59	69.93	109	4.1
9	22	19	27	28.2	25.86	97.52	30	3.7
9	22	20	42	46	25.43	96.89	40	4.5
9	22	21	26	24.7	26.83	93.14	28	3.3
9	24	6	52	38.2	31	84.39	33	3.6
9	24	15	20	2	23.81	93.91	12	3.4
9	25	8	32	57	36.58	68.88	30	5.2
9	26	1	18	36.9	25.57	95.27	30	2.6
9	29	11	24	32.5	6.11	92.76	19	5.4
9	30	14	52	42.7	25.27	95.47	13	2.7
10	2	3	45	29.6	32.32	76.36	11	4.4
10	2	8	34	52.5	32.42	76.27	10	5
10	2	18	37	39.5	26.85	92.91	37	5.2
10	2	18	51	38.2	26.86	92.96	29	4.4
10	2	18	57	47.4	26.91	92.91	24	3.6
10	2	19	16	1.2	37.15	71.81	126	4.8
10	3	10	4	34.2	32.5	76.29	10	3.8
10	3	10	49	27	32.45	76.25	12	3.6
10	4	15	0	45.5	32.43	76.3	10	3

10	4	22	10	33.5	37.29	71.85	80	4.6
10	6	20	44	54.2	25.1	94.99	30	3.3
10	8	17	46	21.7	31.78	78.54	10	4.8
10	9	7	8	17.7	24.9	95.38	15	3
10	10	0	37	6	36.48	71.04	81	4.6
10	10	5	29	52	26.16	96.65	10	3.4
10	11	0	59	8.6	31.82	78.4	10	2.9
10	11	2	7	33.7	25.96	95.35	60	3.6
10	11	13	21	10	32.16	77.71	24	3.4
10	11	13	56	4	27.99	88.29	25	3.2
10	11	23	54	33	33.97	73.58	20	4.7
10	12	19	17	36.5	25.78	95.56	50	3.6
10	12	23	16	16.2	24.65	93.69	37	4.1
10	13	9	5	9.3	26.97	92.73	30	3.6
10	13	11	20	36.4	24.91	95.15	50	3.2
10	13	18	40	59.5	26.65	95.71	40	2.8
10	14	8	51	56	12.59	75.58	10	3.8
10	14	13	17	31.2	35.88	69.24	55	5
10	14	14	37	12.5	24.23	94.52	34	3.2
10	15	15	46	35.9	21.46	93.59	10	3.8
10	15	23	43	44.7	36.06	69.57	102	5.1
10	16	12	53	13	26.27	92.23	34	3.2
10	17	13	14	47.2	35.82	69.87	30	3.7
10	17	21	13	52.7	24.11	94.3	9	3.4
10	18	2	33	29.1	23.78	81.36	10	5
10	18	4	35	49.2	36.57	70.56	30	4.4
10	18	5	32	18.2	25.67	91.79	11	3.2
10	18	16	12	37.2	25.02	95.39	33	3.2
10	20	1	31	54.5	24.12	94.13	26	3.7
10	20	17	31	56.2	37.78	69.06	23	4.7
10	20	18	27	10.6	28.42	91.95	15	4.1
10	21	7	54	47	13.75	96.08	30	4.7
10	21	8	35	12.3	25.31	92.96	14	3.3
10	22	1	28	7.3	20.88	92.83	39	3.7
10	22	6	56	50.7	28.04	87.78	35	3.9
10	22	8	52	39.4	22.85	94.36	56	3.2
10	22	13	54	26.2	25.25	94.27	10	3
10	22	15	43	50.5	24.75	94.19	35	3.6
10	23	15	8	3	24.88	92.6	39	2.8
10	24	15	41	36.2	25.09	95.72	40	2.8
10	24	21	7	40.5	28.93	94.3	13	4

10	24	21	10	35.7	26.37	93.24	39	3.3
10	24	22	42	15.8	25.09	94.91	40	3.2
10	25	14	18	45.2	26.57	94.03	40	2.8
10	26	1	50	23.7	24.13	92.96	25	3.8
10	26	4	10	53.5	30.18	79.61	10	3.5
10	26	4	42	31.1	25.01	96.54	10	3.3
10	26	23	52	28.2	26.51	93.57	15	3
10	28	3	8	53	10.37	92.58	68	5.1
10	28	5	44	17	28.74	94.22	10	4.2
10	28	11	4	17.2	23.18	94.27	14	3.8
10	28	12	11	16	36.43	71.18	211	5.1
10	29	0	34	57.2	25.65	91.84	10	3.4
10	29	1	30	41.7	25.83	93.43	38	3.2
10	29	6	23	7.8	16.2	79.71	12	4
10	30	1	40	24.7	26.15	92.46	32	3.9
10	30	13	52	53	22.72	77.7	10	2.9
10	30	17	21	48.7	25.89	71.14	10	3.6
11	2	3	37	30.2	24.12	93.39	32	2.8
11	2	7	37	54.2	23.62	70.16	10	2.4
11	2	9	56	25	23.69	70.27	10	2.9
11	2	21	31	47.2	24.95	94.97	11	4.4
11	4	10	9	13.8	25.13	95.3	20	2.6
11	4	10	41	6.8	34.03	76.04	10	2.6
11	5	13	7	56.5	28.44	86.2	19	4.5
11	6	8	47	15.6	25.71	91.42	15	2.5
11	6	12	21	12.3	32.43	76.29	10	4.1
11	9	5	44	33.5	36.96	73.45	10	4.2
11	9	14	5	46.2	36.56	70.86	33	3.9
11	10	2	53	26.2	25.08	95.15	20	2.8
11	11	1	12	39	23.04	95.91	14	6.3
11	11	1	29	59.5	22.75	95.91	19	4.8
11	11	1	32	27.2	22.65	95.89	14	4.9
11	11	1	49	26.2	22.79	95.8	10	3.9
11	11	10	54	42.7	22.53	95.93	32	5.8
11	11	14	45	8.6	22.73	95.56	10	4.6
11	11	18	19	45.9	23.18	95.86	28	5.6
11	11	18	39	21.2	29.3	81.43	10	4.8
11	11	20	23	12.8	32.36	76.21	10	4
11	12	0	12	58.2	29.42	81.53	10	2.9
11	12	18	28	23.5	26.09	92.34	10	2.9
11	12	20	2	13.6	30.64	78.6	10	2.5

11	13	1	52	20.7	19.18	96.09	22	4.8
11	13	6	27	51.5	22.46	95.78	10	3.3
11	13	8	36	29.2	23.08	95.61	10	3.5
11	13	8	42	4.4	22.98	95.95	10	3.3
11	13	18	28	14.1	22.89	95.87	10	5
11	14	14	4	34.7	22.27	95.74	15	3.5
11	14	14	40	50.5	21.46	89.18	39	3.7
11	14	21	59	18.1	24.78	94.65	30	3
11	14	22	10	5.3	23.29	91.43	26	3.5
11	15	6	46	10.1	30.3	80.05	10	3
11	15	22	1	5.8	24.91	95.03	30	3
11	16	16	40	14.1	37.49	71.75	105	5.1
11	16	16	58	0.6	28.03	93.28	10	3.6
11	16	20	2	19.5	24.51	93.75	20	2.8
11	16	21	24	58.7	32.48	96.69	10	3.9
11	17	21	10	10.1	37.01	70.45	96	4.4
11	18	12	23	57	35.81	69.49	30	3.5
11	18	13	26	7.5	36.28	69.76	30	3.6
11	18	19	34	36.5	36.8	70.86	30	4.2
11	19	6	25	22.2	28.64	76.62	15	3.5
11	19	7	31	18.7	36.56	70.66	202	4.3
11	19	17	25	52.9	22.93	95.93	33	5
11	20	4	15	41.7	22.06	76.03	15	3.3
11	21	0	0	22	25.68	93	10	3.3
11	21	15	34	27.2	23.97	94.08	32	3.3
11	23	10	24	28.7	22.58	96.04	10	3.5
11	24	16	30	29.2	24.51	94.43	22	2.8
11	25	1	48	29.2	25.91	95.36	30	3.2
11	25	6	1	44.4	23.73	91.46	20	4.1
11	25	13	55	24.6	26.89	92.92	26	3.4
11	25	17	35	46.7	36.51	70.46	66	4.4
11	25	18	58	43.2	25.07	95.26	17	3.7
11	26	0	34	43.5	30.39	80.06	10	2.6
11	26	2	44	48.5	28.66	96.09	13	3.6
11	26	6	38	40.5	22.71	95.99	12	3.3
11	26	16	36	55	32.55	88.32	24	3.1
11	26	23	13	50.4	13.91	93.83	54	5
11	27	12	15	16.2	30.86	78.43	12	4.4
11	27	15	23	54.2	24.83	90.5	10	2.9
11	27	19	39	26.7	24.97	94	20	3
11	27	22	39	14.6	31.21	78.69	10	2.9



11	28	12	11	43.5	22.57	96.06	10	4.1
11	28	22	19	18.2	11.98	77.77	20	3.4
11	29	13	43	54.7	25.17	92.79	20	3
11	30	3	52	23.7	25.75	95.67	20	4.4
11	30	4	59	18.7	24.49	94.69	18	3.5
11	30	7	18	42.4	26.2	93.1	33	3
11	30	12	58	8.8	22.77	95.95	10	3.4
11	30	19	39	29.7	27.27	88.21	16	4.6
12	1	17	29	4.4	36.38	70.83	94	4.6
12	3	4	34	47	31.41	74.16	35	3.5
12	3	7	10	59.2	35.86	71.79	15	4.4
12	3	11	55	24.7	22.97	96.02	15	4.5
12	4	10	11	0.2	37.46	71.64	33	4.5
12	5	8	5	2.5	25.08	95.07	85	4.2
12	6	14	33	58.7	27.83	94.14	10	3.3
12	6	16	59	49.5	36.17	69.39	33	4
12	7	7	29	19.5	36.17	69.57	33	4.1
12	8	7	6	8.8	22.99	70.37	10	4.3
12	8	8	47	47.5	36.15	70.75	33	3.9
12	10	19	52	51.2	36.32	69.79	30	3.9
12	11	1	46	13	35.1	69.52	33	4.2
12	11	7	19	3.4	23.25	93.84	23	4.2
12	11	23	8	38.2	24.73	94.14	10	2.9
12	12	17	51	21	36.23	70.02	33	4.1
12	13	1	44	22.7	36.55	69.97	30	3.6
12	13	7	43	43.5	36.25	70.82	30	4.1
12	13	10	5	26.6	22.61	92.79	17	3.3
12	14	2	17	31.2	22.68	95.97	10	3.8
12	15	3	47	57.2	35.75	69.01	33	3.9
12	17	12	48	4.9	24.76	91.53	12	3.1
12	17	13	10	51.5	37.47	79	11	3.5
12	17	23	12	44	25.23	96.77	20	3.2
12	18	1	32	43.5	19.27	95.78	10	3.5
12	18	11	51	56.5	25.41	96.64	16	4.6
12	18	14	26	8.5	33.28	84.57	10	3.9
12	19	5	1	56.5	36.56	70.86	30	4
12	19	22	31	58.5	28.59	76.75	12	2.9
12	20	3	44	15	28.66	76.65	12	2.7
12	20	5	56	5.3	22.81	96.09	10	4.6
12	20	13	0	55	27.48	76.21	12	3.8
12	20	14	20	56.5	36.59	70.1	30	4

	12	21	2	23	51	28.56	88.57	45	4.2
	12	21	7	59	46.4	25.64	94.05	15	3.6
	12	22	2	55	56.5	36.49	71.06	33	4
	12	22	16	41	47.4	22.46	94.72	96	5.4
	12	22	20	51	19.2	24.42	93.53	20	2.8
	12	23	1	50	24.5	37.4	71.67	30	4.1
	12	23	5	29	27.7	35.93	69.69	113	4.5
	12	23	23	44	15.8	36.29	69.8	33	3.5
	12	24	14	36	21.7	37.6	69.8	51	4.4
	12	26	2	4	41	26.35	92.71	41	3.4
	12	26	8	48	47.7	23.14	96.06	35	4.2
	12	26	13	59	49	22.85	95.69	18	4.8
	12	26	15	14	47	22.5	93.52	18	3.8
	12	26	15	20	43.2	22.78	96.27	39	3.6
	12	27	0	11	55.5	24.4	93.36	32	2.8
	12	28	2	46	9.1	26.38	92.82	45	3.4
	12	28	10	46	31	17.23	73.54	10	2.9
	12	28	16	0	36	25	95.03	20	2.7
	12	29	6	39	2.2	37.36	79.13	30	3.9
	12	29	10	0	46.7	30.03	88.23	10	2.9
	12	29	16	41	11.8	17.31	72.54	10	2.9
	12	29	17	50	47.2	35.83	70.31	79	5.7
	12	30	8	16	43.5	24.24	91.74	25	4.3
	12	30	13	3	4.5	23.02	94.18	13	3.5
	12	30	20	10	17.2	26.72	95.85	20	3.1
2013	1	1	1	58	50.7	17.7	83.44	10	2.9
	1	1	4	8	33.5	36.58	71.21	110	4.5
	1	1	14	43	42.5	26.38	93.21	38	3.5
	1	2	14	53	43.5	27.37	88.79	15	3.2
	1	2	17	25	38	22.58	93.9	21	4.3
	1	2	17	42	16.7	29.29	81.21	10	4.6
	1	2	22	6	30.7	23.26	94.21	17	3.2
	1	3	3	51	10	28.36	87.89	35	3.5
	1	3	5	47	27.2	25.06	93.92	26	3.9
	1	3	21	17	38	37.21	71.77	33	3.9
	1	5	4	32	41.9	36.37	70.93	87	4.8
	1	5	13	41	27.7	31.72	87.14	35	4.8
	1	5	14	4	3	36.13	68.18	20	4.6
	1	5	20	29	10.8	36.41	70.77	30	4
	1	6	9	39	12.8	26.36	93.64	42	3.3
	1	7	5	32	43.2	28.3	94.24	10	4.3

1	7	7	6	45.7	28.15	94.32	10	4.2
1	7	7	19	54.7	28.29	94.4	10	4.1
1	8	10	36	57.7	15.89	74.01	10	2.7
1	9	1	41	53	25.3	94.86	91	5.8
1	9	7	44	17.2	29.67	81.72	15	5
1	10	15	16	12.8	30.1	80.47	10	3.2
1	11	9	10	14.8	13.36	92.44	37	4.9
1	11	15	51	35	28.38	87.18	30	3.3
1	11	21	26	28.7	35.07	69.05	33	3.7
1	13	16	11	47.7	36.85	70.52	33	4
1	13	17	35	48.7	26.52	86.13	10	3
1	13	19	18	7	36.12	69.92	30	3.8
1	13	20	41	2.2	23.86	92.35	16	3.2
1	15	3	4	28.2	26.39	89.77	10	3.5
1	15	11	17	1.2	23.78	94.55	15	4.6
1	15	14	23	38.7	33.29	69.76	32	3.8
1	15	20	34	13.5	36.89	70.42	132	4.7
1	17	16	50	35.2	28.7	79.73	20	3.1
1	17	20	59	50	29.35	81.33	10	3.6
1	19	18	43	22.2	24.78	94.9	30	3.1
1	19	22	20	58.9	24.56	94.35	17	3.3
1	22	4	32	42.2	29.73	89.71	40	4
1	22	15	9	22.1	36.38	68.73	52	5.2
1	22	18	49	46.2	24.98	93.06	39	2.9
1	22	23	54	33.2	7.41	93.4	48	4.6
1	24	9	47	15.5	24.85	95.3	16	3.3
1	24	13	58	27.2	29.02	89.43	10	3.3
1	26	2	24	31.7	17.19	73.69	10	3.8
1	27	20	42	54	35.65	70.24	30	4
1	28	14	52	40	23.73	94.57	21	3.9
1	29	19	42	53.7	30.05	81.59	20	3.8
1	29	20	25	30	25.44	96.75	10	3
1	30	9	27	4.9	32.75	94.41	20	5.2
1	30	17	33	2.5	36.21	95.74	15	4.7
1	30	21	30	18.2	30.26	80.05	10	2.6
1	31	13	11	2.7	26.3	92.87	38	2.9
1	31	14	42	13.6	20.07	93.75	20	3.6
2	1	19	48	17.6	24.34	93.99	15	3
2	4	1	19	29	11.75	92.73	34	4.7
2	4	8	38	3.4	36.57	70.65	197	4.4
2	4	12	4	52.5	33.09	94.85	10	4.8

2	4	17	47	55.5	37.33	70.3	35	4.5
2	5	3	57	27.7	13.91	92.81	16	4.9
2	5	17	11	54.7	23.26	93.07	32	3.2
2	5	18	18	26.2	36.53	70.28	183	4.8
2	5	19	26	56.5	28.09	87.29	30	3.3
2	6	5	29	23.6	15.55	80.03	10	3
2	6	8	22	44.2	28.84	76.59	10	3
2	6	8	34	23.5	28.97	76.71	20	2.3
2	7	1	8	42.2	29.48	80.94	10	3.2
2	7	18	46	53.7	25.53	96.44	10	3
2	8	14	28	22.7	26.18	93.31	40	3.4
2	9	21	26	6	28.41	87.17	15	2.9
2	9	23	54	47	36.35	70.6	66	4.2
2	11	10	48	53.2	31	78.35	10	4.3
2	11	21	40	28.2	29.14	95.88	10	3.9
2	12	2	55	10.3	33.13	95.07	43	4.6
2	14	5	10	42	36.71	72.28	15	3.7
2	15	17	27	20.7	23.84	94.32	38	3.7
2	17	1	35	4.5	36.53	71.51	77	5
2	17	16	27	8.8	30.88	78.36	11	2.8
2	18	22	33	29.2	36.28	69.67	33	4
2	19	21	5	12	25.37	89.05	12	4.2
2	20	5	15	8.1	20.67	85.18	10	2.9
2	21	14	0	14.1	34.18	72.84	30	3.8
2	21	15	22	55.5	36.22	70.75	33	3.9
2	21	15	48	6.3	36.47	70.34	33	4.1
2	21	23	39	38.2	30.14	87.99	21	4
2	23	8	48	6.8	26.34	93.3	35	3.1
2	24	0	57	20	26.19	76.06	10	4.1
2	24	5	7	25.1	36.92	70.13	204	4.4
2	24	14	33	22.7	11.02	91.94	20	4.7
2	25	2	28	24.5	30.91	78.4	10	3.2
2	25	5	11	7	34.35	85.62	10	5
2	25	5	22	18.2	34.22	85.66	10	4.7
2	25	15	54	12.3	24.61	94.26	40	2.6
2	25	17	21	59	19.8	73.38	10	3
2	25	19	44	59	36.19	70.89	33	4.1
2	26	17	26	35.5	11.15	75.83	10	3.1
2	27	12	27	13.3	25.65	90.67	10	3.6
2	28	4	43	45.7	25.66	94.2	16	3
2	28	17	32	32.2	27.15	92.33	10	3.8

2	28	18	32	31.5	22.89	94.29	43	4.6
3	1	19	50	20.1	30.83	78.42	10	2.8
3	2	1	30	37.7	24.67	92.19	30	5.5
3	4	5	34	56.7	36.54	70.59	175	4.5
3	4	11	39	32.2	25.43	91.61	19	3.3
3	4	16	5	27.5	26.06	91.36	10	4
3	4	20	15	53	24.95	93.07	35	3.8
3	5	11	57	44.4	36.09	70.44	96	4.6
3	5	16	23	50	34.01	84.45	33	3.3
3	6	4	28	36.9	29.65	80.42	10	3.3
3	6	10	9	17.7	28.83	76.78	10	2.5
3	6	14	17	6.8	28.87	76.67	10	2.3
3	6	16	49	47.4	28.67	82.25	10	4.9
3	7	15	56	39.2	24.33	68.51	20	4.4
3	8	15	22	26.2	37.22	71.61	51	3.8
3	10	3	2	58.9	36.44	69.72	96	4.3
3	11	4	47	40.7	28.66	76.58	10	2.2
3	12	19	5	49.7	26.96	92.45	45	3.3
3	14	2	29	50.2	24.66	94.65	27	3.5
3	15	23	17	24.7	36.45	70.58	33	3.5
3	16	20	41	51.9	37.66	72.04	30	3.9
3	16	23	9	12.6	36.44	70.95	52	4.3
3	16	23	49	48.4	36.68	70.51	147	4.7
3	17	4	17	36	29.05	96.11	27	4.5
3	17	23	29	12.3	23.21	94	10	3.6
3	18	1	7	39.7	36.42	69.85	213	5.1
3	18	1	19	31	36.39	69.62	96	4.2
3	19	13	0	20	36.85	71.06	30	3.5
3	19	23	23	3.4	26.66	96.01	10	2.2
3	20	0	54	5.8	35.07	95.04	10	4.3
3	20	2	10	25.2	12.7	93.84	91	4.7
3	20	14	49	30.1	37.41	71.49	66	4.5
3	20	18	16	11.8	7.55	93.82	43	4.5
3	20	23	2	6.5	14.42	93.02	28	4.4
3	21	8	58	18.2	37.92	73.19	33	4
3	22	19	30	2.7	37.57	72.06	98	4.1
3	22	20	59	38	29.1	76.68	10	2.4
3	23	21	29	28.1	36.23	70.83	30	3.6
3	24	0	17	32.9	29.95	80.64	10	2.8
3	24	3	47	26.1	33.56	95.55	10	4.4
3	24	23	34	49.4	24.19	68.39	10	3.9

3	24	23	42	54.2	24.17	68.26	10	4
3	25	12	28	49.7	33.35	95.38	10	4.6
3	25	16	53	34.4	26.37	93.54	20	3.2
3	26	4	26	18.7	11.16	93.64	138	4.6
3	26	8	22	3.7	19.83	94.29	10	3.6
3	26	8	54	35.5	37.62	69.05	33	4.1
3	26	21	6	8.3	29.88	79.96	10	2.9
3	28	10	26	46	37.08	96.9	10	4.2
3	30	6	33	55.5	23.49	70.4	10	3.9
3	30	8	14	46	36.48	70	96	3.9
3	30	20	4	46.7	23.05	95.87	10	4.6
3	31	11	44	13	36.49	68.68	62	4.1
3	31	13	1	14.3	27.45	92.1	30	2.4
3	31	14	43	19.5	27.17	75.13	10	2.3
4	3	1	1	48.7	27.14	92.54	46	3.3
4	3	3	48	2.5	27.63	92.75	10	3.5
4	3	16	35	44.7	19.27	95.77	10	5.7
4	4	6	31	30.1	36.3	70.9	212	5.5
4	4	9	51	34.5	24.92	94.17	48	3.6
4	4	15	16	27.7	19.24	95.64	10	5.6
4	4	17	39	18.1	32.82	73.17	16	4.3
4	5	7	34	10.1	26.66	92.56	28	3.5
4	5	22	54	56.2	36.45	71.04	73	5.4
4	6	18	36	39	30.45	88.1	10	3.5
4	6	22	29	32.2	30.52	79.01	10	3.8
4	7	4	18	6.5	25.6	93.45	20	2.5
4	7	23	19	32.2	36.38	70.29	30	3.5
4	8	11	31	8.3	27.75	75.54	10	2
4	8	13	2	56.9	24.19	94.36	27	3.6
4	8	15	8	54.2	25.02	93.8	15	3.1
4	8	20	13	8.8	36.91	70.93	30	3.6
4	8	21	53	42.5	36.45	70.3	30	3.8
4	9	21	46	30	25.58	91.68	10	3.1
4	10	14	53	36.7	29.18	76.67	10	2.2
4	10	20	10	0.8	28.97	76.6	10	3.5
4	11	1	2	18	28.94	76.68	8	2
4	11	2	10	46	28.58	76.99	10	2
4	11	3	47	2.2	19.26	95.83	10	5.5
4	12	9	4	8.1	28.79	76.74	13	2.5
4	12	17	28	17.2	37.99	71.99	105	4.6
4	12	18	41	5	24.65	93.6	39	2.9

4	13	22	5	12.3	36.38	70.99	30	3.3
4	15	8	2	21.2	27.93	76.92	10	1.6
4	16	1	23	23.5	26.1	91.99	36	4.4
4	16	3	6	40.7	19.96	86.42	10	3.5
4	16	8	34	12.6	28.99	95.23	40	5.1
4	16	15	41	12.1	25.68	90.87	10	3.2
4	17	3	1	36.5	33.17	76.39	10	3.4
4	17	16	21	21.2	28.48	75.43	10	2.1
4	18	3	0	1	23.02	93.76	10	3.4
4	19	6	35	48	27.45	87.85	10	3.5
4	19	14	46	43.5	34.52	72.65	26	4.3
4	20	1	49	12.8	25.34	94.78	30	3.4
4	20	14	24	57.2	27.44	88.59	10	3.2
4	21	10	22	11.3	26.55	93.15	35	3.4
4	21	19	35	36.5	23.17	93.91	10	4.6
4	21	21	32	44.7	22.67	94.42	10	3.7
4	23	18	1	44.2	28.94	76.66	10	2
4	24	9	25	28.7	34.57	70.05	71	5.7
4	25	14	38	31.2	29.83	81.22	10	3.3
4	25	14	52	30.1	32.39	76.24	10	3
4	25	14	55	0	24.71	91.83	10	3.2
4	27	2	48	6.8	27.57	92.48	10	3.5
4	27	3	17	8.1	27.64	92.47	10	4.1
4	27	5	16	54.7	27.4	92.51	10	4.6
4	27	6	32	2.5	30.01	77.81	10	2.7
4	27	7	41	39.7	29.1	79.1	10	3
4	28	17	12	6	24.62	94.86	10	2.8
4	28	18	28	14.6	29.55	81.38	10	3.7
4	29	0	57	12.8	28.86	76.87	10	3.1
4	30	9	41	52.4	32.97	75.31	10	4
5	1	6	57	11.5	33.23	75.7	19	5.6
5	1	7	5	39.4	33.05	75.67	9	4.3
5	1	7	42	55.7	33.09	75.54	7	3.3
5	1	7	44	54.2	33.21	75.89	3	3.4
5	1	7	59	49.2	33.19	75.66	9	3.8
5	1	8	42	45.9	32.96	75.56	12	3.5
5	1	9	10	56.9	33.23	75.71	13	3.2
5	1	9	19	47.7	33.06	75.47	7	4.2
5	1	10	10	37	33.14	75.64	16	3.3
5	1	12	49	1.2	27.95	88.44	35	2.9
5	2	0	30	9.1	33.15	75.56	6	3.9

5	2	3	14	36.4	33.19	75.75	10	3.1
5	2	13	38	45.5	32.73	75.19	3	2.7
5	3	0	42	4.9	23.44	94.12	14	3.6
5	3	1	38	14.3	33.28	75.88	9	3.6
5	3	4	16	9	12.91	93.38	61	4.6
5	3	9	55	6	33.12	75.68	5	2.6
5	3	12	9	24	33.04	75.57	5	2.9
5	3	19	30	23	32.95	75.23	7	2.9
5	4	5	51	54	32.73	75.25	8	2.7
5	4	21	58	45	32.8	75.96	9	2.5
5	5	4	39	36.7	33.12	75.6	15	3.5
5	5	4	47	34.5	32.91	75.44	3	2.9
5	5	5	16	3.2	33.01	75.53	9	2.7
5	6	7	44	26.5	33.17	75.91	7	2.5
5	6	20	53	56	13.18	92.24	34	4.3
5	6	22	15	44.7	30.84	76.57	15	2.6
5	7	0	17	17.7	32.82	76.21	11	2.5
5	7	15	1	49	13.69	92.42	38	4.2
5	7	22	35	53.2	28.84	77.49	18	2.6
5	8	15	13	38.5	33.36	75.86	9	2.9
5	9	8	0	4.5	36.08	69.8	30	3.9
5	9	23	43	43.5	32.99	75.44	13	2.7
5	10	0	37	10.8	32.87	75.19	15	2.6
5	10	22	11	24.7	24.35	91.79	24	3.5
5	11	8	7	34.2	23.97	94.14	32	2.7
5	11	14	34	19.6	35.56	70	33	4.5
5	12	8	54	10.8	24.9	95.22	18	2.8
5	13	6	30	48.7	33.09	75.62	8	3.4
5	14	19	58	24.7	33.16	76.1	6	4.4
5	14	20	0	6	33.08	75.52	10	4.5
5	14	20	40	50.5	24.08	92.32	12	3.2
5	14	21	1	43.7	33.1	75.72	8	3.8
5	15	12	5	45.2	32.9	75.58	9	3.8
5	16	3	34	16.5	31.37	86.6	10	4
5	17	6	1	58.4	31.25	86.34	10	4.3
5	19	23	47	38	37.38	71.69	93	4.2
5	20	17	18	7.9	36.6	70.24	181	5.4
5	22	3	20	56.9	22.03	95.03	10	3.6
5	23	15	24	55	24.68	94.2	33	4
5	26	5	40	29.7	23.17	93.82	18	2.9
5	26	5	55	23.2	26.3	92.35	10	3



5	26	14	31	40.2	24.2	91.59	11	3
5	26	15	37	17.2	27.73	96.52	6	3
5	28	1	38	16.2	24.3	93.94	6	3
5	28	9	36	33.5	20.28	94.14	10	3.3
5	28	15	3	13.6	27.05	92.46	19	3.3
5	29	21	9	5.5	28.27	87.75	25	3.7
5	31	2	44	23.1	36.63	70.62	96	4.3
5	31	4	52	34.7	27.33	92.67	10	3.6
6	1	13	28	55	22.02	88.54	16	4
6	2	10	57	40.7	36.56	69.95	158	4.2
6	2	19	23	53.2	27.29	91.92	10	3.2
6	3	6	40	43.7	24.16	91.64	15	3.5
6	4	15	14	17.7	26.91	96.57	30	3.7
6	4	17	34	47.4	32.65	76.56	9	4.7
6	4	21	31	30.2	32.68	76.42	10	3.2
6	4	23	5	30.7	36.92	70.97	79	4.3
6	4	23	26	27.2	32.63	76.16	12	3.4
6	5	0	43	36.7	37.54	95.87	9	5.5
6	5	22	4	0.3	32.79	76.11	12	4.4
6	6	11	9	46	36.53	70.11	144	4.4
6	6	13	3	25.2	10.56	91.58	24	4.7
6	6	15	23	9.1	26.36	93.63	31	2.7
6	8	1	10	32.2	37.14	78.69	10	3.4
6	8	15	27	53.5	35.13	69.12	37	3.3
6	9	2	14	20.6	36.65	77.46	95	4.3
6	9	11	5	47.4	36.12	69.49	33	4.1
6	10	2	52	17.2	36.22	70.29	83	4
6	11	13	48	26.5	25.94	93.13	28	2.9
6	12	8	23	57.2	32.54	76.08	8	2.4
6	12	18	9	49.7	36.01	69.92	37	4.1
6	13	18	58	42.7	33.72	69.19	30	4
6	15	0	10	32.2	24.53	93.55	7	3.5
6	15	8	59	31.7	35.4	69.52	33	4.1
6	16	0	39	21.7	27.56	92.41	10	3.7
6	16	20	47	5.8	36.59	70.77	196	4.8
6	18	0	57	55.7	24.17	91.42	18	3.6
6	18	4	9	33	26.15	92.95	33	2.7
6	19	19	45	22.6	25.33	91.53	31	3.5
6	20	2	41	47.4	24.77	90.4	9	3.9
6	20	14	59	18.5	23.76	94.23	12	3.3
6	20	23	23	26.1	34.51	69.53	47	3.6

6	21	20	51	56.5	36.84	73.01	71	4.7
6	24	4	15	7.4	35.51	70.26	33	4.4
6	24	8	5	24.6	37.59	69.43	15	4.5
6	24	8	27	58.2	25.7	90.7	10	3.2
6	24	15	34	51.2	28.7	86.53	30	3.5
6	26	4	4	34.2	36.42	71.05	103	4.5
6	26	5	48	49.4	9.61	91.21	35	5.2
6	26	9	54	42.9	37.35	71.87	30	4.3
6	27	6	20	56.7	30.1	80.43	8	3.5
6	27	13	3	38.7	26.95	92.29	29	3
6	28	11	40	49	28.7	82.29	12	5
6	28	15	35	55.5	10.82	93.7	108	4.7
6	29	3	16	49.7	35.41	71.93	13	4.5
6	29	15	22	25.5	28.54	76.31	15	2.6
6	30	2	44	19.5	21.99	74.83	19	3.3
7	3	7	4	17	36.5	70.5	206	5.1
7	4	23	42	6	25.1	93.8	10	3.8
7	5	19	58	34	30.6	77.8	9	3
7	7	15	41	30	26.4	93.3	30	3.5
7	8	3	44	25	24.1	91.4	10	4.2
7	9	13	49	13	32.9	78.4	10	5.1
7	11	7	49	9	26.5	93.5	19	3.2
7	11	16	1	34	30.4	79.1	5	3.2
7	11	18	48	11	28.8	95.9	10	4
7	11	19	39	49	33.2	75.7	10	3.9
7	12	7	1	30	26.3	90.8	10	3.6
7	12	9	43	14	26.2	92	10	3.5
7	3	7	4	17	36.5	70.5	206	5.1
7	4	23	42	6	25.1	93.8	10	3.8
7	5	19	58	34	30.6	77.8	9	3
7	7	15	41	30	26.4	93.3	30	3.5
7	8	3	44	25	24.1	91.4	10	4.2
7	9	13	49	13	32.9	78.4	10	5.1
7	11	7	49	9	26.5	93.5	19	3.2
7	11	16	1	34	30.4	79.1	5	3.2
7	11	18	48	11	28.8	95.9	10	4
7	11	19	39	49	33.2	75.7	10	3.9
7	12	7	1	30	26.3	90.8	10	3.6
7	12	9	43	14	26.2	92	10	3.5
7	13	17	49	33	32.2	76.3	10	4.5
7	13	19	27	5	28.3	94.9	10	3.5

7	15	17	49	11	32.6	76.7	30	4.4
7	18	12	55	28	28.7	76.6	10	3
7	22	9	7	19	33	75.5	10	3.7
7	29	8	7	59	36.6	70.6	180	5.5
7	30	18	9	13	33	75.1	5	3.8
8	2	2	32	50	33.5	75.5	28	5.4
8	2	12	4	22	24.2	94.8	15	5
8	2	21	37	40	33.4	75.9	20	5.2
8	2	22	42	5	33.4	75.9	10	3.7
8	3	9	31	4	33.5	75.8	10	3.3
8	5	7	27	6	27	70.7	20	4
8	5	13	57	47	33.3	75.9	27	4.4
8	11	8	24	16	24.9	91.9	20	3.6
8	11	21	23	41	30.1	98	10	5.7
8	14	7	37	34	33.4	76	15	3.3
8	17	14	41	14	11.4	93.3	10	4.8
8	18	11	0	40	27.3	88.7	6	3
8	18	11	12	20	26.5	93.1	10	3.1
8	18	23	53	27	33.3	76	18	4.6
8	21	6	57	20	26.7	92.5	30	4.2
8	21	8	41	51	26.7	92.4	22	3.9
8	21	13	9	25	26.1	92.9	33	3.2
8	26	8	12	9	26.3	94.7	24	3.3
8	29	10	13	21	31.4	76.1	10	4.7
8	31	3	55	6	24.6	94.2	8	3.7
8	31	21	6	32	28.9	94.4	30	3
9	1	3	35	39	26.4	93.5	30	3
9	3	8	6	18	33.2	75.8	10	4.4
9	5	16	40	11	17.3	73.9	10	4
9	5	18	11	28	33.3	75.7	10	4.5
9	5	18	35	42	30.9	78.5	11	3.5
9	7	3	24	56	25.3	94.9	90	4.8
9	8	13	40	57	25.6	91.9	10	3.5
9	8	17	30	20	36.5	70.2	209	5.2
9	9	11	58	17	27.4	92.4	33	4.8
9	9	12	51	45	27	92.5	10	3.6
9	11	10	9	41	10.7	92.1	10	4.3
9	12	9	21	19	27.1	92.5	10	3.5
9	17	23	11	34	7.5	93.6	65	4.5
9	20	12	24	45	23.3	96.3	10	5.3
9	23	13	26	7	26.2	79.4	5	3.5

9	25	16	47	40	30.9	76.7	10	3
9	25	19	28	2	26	90.5	15	3.9
9	26	5	30	7	24.1	93.3	15	3.5
9	26	2	47	43	12.7	79.3	5	3.3
10	3	6	12	40	27.4	88.5	10	5
10	7	20	54	3	26.3	92.5	10	3.7
10	9	5	25	20	27.1	92.5	10	3.4
10	11	18	5	34	28.8	76.7	10	3.3
10	13	1	17	53	36.4	70.7	194	5.3
10	16	7	2	44	27.6	92.7	10	3.5
10	20	19	45	5	35.8	77.5	80	5.5
10	21	2	27	11	35.1	77.1	12	5.4
10	23	14	47	24	35.5	77.2	14	3.5
10	24	9	12	41	35.5	77.4	23	4
10	24	17	57	35	14.3	93	10	5.4
10	26	0	5	3	33	75.9	10	4
10	26	8	46	35	25.7	90.8	10	3.5
10	28	7	34	48	8.4	93.7	33	4.4
10	29	7	51	0	22.9	94.2	46	4.7
11	3	6	54	5	10.6	92.8	30	4.8
11	3	8	18	38	36.1	74.6	10	4
11	4	12	56	20	14.4	93.1	9	4.9
11	6	4	16	16	26.5	93.5	20	5.5
11	6	14	53	8	31.4	76.1	10	4.9
11	9	12	46	57	17.1	73.9	5	3.5
11	10	20	29	59	10.8	92	10	4.8
11	11	19	11	19	28.6	77.2	16	3.1
11	11	20	11	33	28.6	77.2	15	3.3
11	11	20	25	8	28.6	77.2	15	2.5
11	11	22	10	45	28.6	77.1	13	2.8
11	12	19	52	14	24.6	94.5	90	4
11	13	23	33	41	30	79.2	5	3.3
11	15	22	21	2	34.2	77.9	10	3.8
11	16	19	22	8	35.9	78	10	3.8
11	20	10	9	21	12.5	95.2	14	5.4
11	21	4	23	18	26.6	93.2	10	3.9
11	26	1	4	18	35.2	77.4	10	4
11	29	1	54	45	29	95.9	10	5
11	30	11	58	45	17.4	74	10	3.6
12	4	13	5	20	26.6	89.5	10	4.7
12	5	18	11	7	36.7	73.4	65	4.7

	12	6	18	58	42	35.5	77	35	3.8
	12	7	1	6	42	11.7	94	150	4.9
	12	7	4	41	50	24.2	91.4	10	3.8
	12	8	4	33	31	11.1	76.3	5	3.2
	12	9	7	39	41	9.5	92.9	10	4.5
	12	9	8	38	58	35.4	77.4	10	3.8
	12	9	10	54	18	11	76.3	5	3.4
	12	13	10	21	48	27.8	95.4	10	3.5
	12	16	4	31	35	26.8	89.4	10	3.5
	12	17	7	34	48	24.9	94.9	118	4.2
	12	17	8	56	28	24.1	91.1	20	3.8
	12	17	14	45	52	31.5	78	10	3.3
	12	20	3	4	33	14.4	93	12	5.1
	12	21	14	21	44	36.5	71.5	84	5.2
	12	25	2	56	52	31.2	78.3	10	4
	12	30	9	44	11	24.3	93.2	10	4.5
2014	1	5	13	30	46	33.3	75.9	10	3.6
	1	7	13	50	24	20.5	73.8	5	3.4
	1	14	15	41	7	36.6	71.7	92	5.1
	1	20	14	40	55	29.7	80.3	15	2.8
	1	26	12	38	35	23.1	96	10	5.1
	1	29	13	46	44	23.9	93.9	33	5.1
	1	30	12	17	16	22.9	94.3	66	4.7
	2	2	23	44	0	12.4	95.2	10	5.2
	2	10	17	18	7	26.2	74.4	5	2.8
	2	12	9	19	47	36	82.6	10	6.8
	2	13	6	23	37	11.5	93.7	33	4.5
	2	16	19	2	30	30.5	79.2	5	3.3
	2	17	0	30	42	30.3	79.9	5	3.2
	2	23	17	4	50	27.2	92.5	10	4.8
	2	24	14	15	5	30.5	79.2	5	3.5
	2	26	20	58	49	24.5	93.7	10	4.2
	2	28	5	50	38	7.4	94.3	95	5.1
	2	28	13	11	30	24.3	91.2	10	4
	3	6	12	39	54	26.2	90.1	19	3.7
	3	8	19	1	10	23.3	70.3	5	3.9
	3	11	11	23	55	13.8	93	32	4.8
	3	14	13	38	8	7.7	94.4	10	5.5
	3	15	5	9	13	24	93.6	35	3.7
	3	15	6	30	49	7.4	94.2	33	4.7
	3	19	14	15	43	36.4	70.8	183	5

3	21	13	41	6	7.5	94.2	15	6.3
3	21	14	11	13	7.7	94.4	10	5.3
3	21	14	25	9	7.6	94.4	10	5.2
3	21	21	3	40	7.4	94.2	10	5.1
3	22	7	32	27	26.5	90.4	10	3.5
3	25	0	54	36	18.5	73.8	5	3
3	28	3	9	46	27.1	96.1	33	4.5
3	28	10	24	7	37.2	71.2	74	5.1
4	1	17	45	9	26.4	92.4	33	4.4
4	2	2	3	9	17.2	73.7	5	3.2
4	4	6	57	45	23.3	93.1	10	4
4	6	6	38	0	25.4	93.6	28	4.3
4	11	0	45	3	12.3	93.2	60	5.1
4	19	8	29	16	34.1	76.3	5	4
4	21	9	4	53	24.2	93.7	30	3.4
4	27	9	14	4	27.6	75.5	5	3.4
5	1	0	56	14	13.5	92.8	44	4.5
5	14	1	54	1	29.8	80.1	7	3.5
5	15	17	53	41	7.5	94.5	81	4.4
5	19	21	53	32	31.9	77.1	5	4
5	21	16	21	50	18.3	87.9	10	6
5	28	3	19	10	25.2	94.8	35	4.6
5	29	3	23	42	24.4	94.5	10	4.8
5	30	6	37	50	26.5	90.4	10	4.5
6	1	12	25	32	36.5	70.2	205	5.3
6	4	7	20	12	22.3	93.4	41	4.2
6	9	4	46	4	27.3	88.1	10	3.9
6	13	13	32	48	33.3	75.8	18	4.6
6	14	3	58	43	36.4	71	180	5.5
6	17	17	31	8	32.2	76.1	10	4.1
6	18	17	16	45	30.9	78.2	15	2.9
6	20	4	20	46	36.1	68.5	34	4
7	3	11	34	59	30.2	80.2	10	4.1
7	3	20	40	0	35.6	75.2	10	5
7	4	5	58	39	27.8	87.9	19	3.9
7	6	14	48	9	30.2	80.3	10	4.5
7	6	21	6	56	25.7	91.2	5	3.4
7	8	15	35	40	36.2	74	97	4.9
7	11	4	14	9	36.3	71.2	93	5.1
7	12	0	14	17	26.2	91.4	5	3.8
7	12	15	27	50	32.6	76.3	5	3.8

7	18	20	44	25	28.8	77.2	5	2.5
7	19	6	40	4	27.3	88.8	9	3.1
7	22	20	54	41	26.1	89.9	10	3.8
7	22	22	58	28	26.3	89.8	10	4.4
7	22	23	35	13	26.3	89.8	18	4.2
7	24	8	42	35	28.6	76.7	5	2.5
7	25	4	56	17	33	76.1	10	3.9
7	27	5	35	37	26.1	90.6	10	3.5
7	29	7	7	11	14.3	93	35	5.5
8	1	15	1	1	23.8	93.6	170	3.6
8	1	20	27	54	24.8	94.4	147	4.4
8	2	16	19	0	12.1	93.6	96	5
8	7	18	44	23	26.2	92.1	10	3.4
8	9	3	12	50	26.3	93.6	10	3.8
8	12	20	52	0	9.7	93.7	100	5
8	16	16	39	46	24.7	94.6	10	4.8
8	17	20	34	34	23.9	91.4	98	4.2
8	20	8	4	59	27.6	92.3	10	4.1
8	21	0	32	33	26.8	93.2	20	3.5
8	21	8	11	17	32.3	76.5	10	5
8	22	7	5	48	27	92.6	15	3.3
8	23	19	58	47	8.4	93.6	100	4.8
8	24	8	29	31	29.9	79.9	5	4.1
8	31	11	48	24	36.5	71	204	5.5
9	1	8	31	53	25.3	94.9	100	3.7
9	4	0	48	26	28.6	94.1	5	3.8
9	4	11	31	29	29.3	77.2	16	3.5
9	6	17	12	17	25.1	95.2	139	4.6
9	8	13	11	0	14.3	92.8	13	4.6
9	9	9	28	21	22.1	93.1	7	5.2
9	12	7	56	44	26.1	90.2	10	4.2
9	12	13	6	31	8.6	92.6	41	5.1
9	13	3	31	25	27.8	92.8	10	4.4
9	13	22	31	51	36	70.7	89	5.3
9	15	21	38	58	24.7	94.7	10	3.7
9	17	10	29	12	27.8	87.8	20	3.9
9	17	17	3	17	33	75.6	10	3.5
9	22	20	49	9	34.5	73.9	10	4.3
9	26	4	21	26	12.5	95.3	36	5.4
9	27	16	22	39	35.9	73.2	10	4.6
9	27	22	49	1	36.4	69.9	10	5.5

10	6	13	46	5	24.3	93.3	10	3.6
10	12	3	32	45	13	94	100	5.4
10	12	21	43	12	28.7	94.4	10	3.8
10	13	19	25	22	25.6	91.9	10	2.7
10	14	18	36	8	7.4	94.4	10	4.8
10	17	9	44	58	27.6	96.7	10	4
10	18	13	59	41	6.9	92.3	19	4.7
10	22	5	18	52	23.1	79.6	5	2.8
10	23	4	5	32	34.8	74	10	4.9
10	24	0	5	23	24.1	93.9	10	4.8
10	24	5	11	55	23.7	94.7	80	4
10	24	17	23	53	7.6	94.4	10	4.4
10	26	2	56	31	7.6	95	60	4.7
10	27	22	5	32	27.7	93.8	10	3.8
10	30	3	47	54	26.4	90.4	10	3.7
11	2	5	41	4	26.8	94	30	4.1
11	2	11	38	21	7.4	94.4	10	4.4
11	6	15	46	25	7.3	94.5	80	4.9
11	11	5	4	48	7.6	94.5	16	4.6
11	11	5	38	47	8	94.7	18	4.7
11	11	7	42	14	9	93.9	33	4.6
11	11	7	50	9	7.5	94.5	33	5.1
11	11	8	4	38	7.6	94.3	10	4.8
11	11	15	24	36	7.6	94.4	10	4.5
11	14	13	37	36	27.4	92.5	10	3.6
11	14	21	19	41	7.3	94.4	10	4.4
11	16	20	33	30	24.2	93.7	33	4
11	18	3	25	43	7.4	94.4	10	5.4
11	18	6	6	17	6.8	95	10	4.8
11	18	6	12	8	7.1	94.1	10	4.6
11	18	15	55	26	32.7	76	5	3.7
11	19	15	26	0	24.5	72.4	5	2.9
11	20	6	5	47	7.3	94.4	10	4.7
11	20	18	14	32	23.8	93.5	33	5.6
11	20	22	45	22	23.5	93.6	80	4.3
11	21	8	58	6	36.6	71.1	210	5.3
11	21	16	11	15	23.6	93.4	46	4.7
11	21	22	45	38	34.3	79	85	4.3
11	22	11	34	50	17.3	73.8	15	3.6
11	25	15	49	8	27.8	84.7	7	3.8
11	25	21	32	26	27.1	89	10	4.5



	11	28	1	18	41	12.5	92.8	10	5.4
	12	2	18	47	2	26.3	91.3	15	3
	12	3	6	28	11	24	92.7	46	3.6
	12	4	23	53	49	27	92.5	10	4.8
	12	8	5	39	4	12.1	93.6	33	4
	12	10	14	44	50	24.5	94.1	32	3.6
	12	11	19	27	38	24.6	94.2	72	3.7
	12	18	12	14	29	36.5	71	165	5
	12	18	15	32	6	27.6	86.4	10	5.2
	12	19	2	36	17	7.5	94.3	10	4.7
	12	19	14	41	46	6.8	94.6	35	5.1
	12	21	5	37	37	24.3	94.5	80	5
	12	22	23	24	43	22.3	92.9	10	4.1
	12	25	7	40	49	26.4	89.9	10	4.1
	12	26	3	30	41	23.4	93.8	6	3.3
	12	26	7	8	9	28.1	87	12	5
	12	26	13	0	5	6.7	94.5	10	4.8
	12	27	2	2	39	23.5	94.4	10	4.2
	12	27	15	25	50	24.8	94	10	3.6
	12	29	17	26	57	26.4	92	10	4
2015	1	2	7	23	34	24.1	93.9	20	3.5
	1	5	9	20	15	24.1	93.7	10	3.7
	1	5	19	41	40	29	81.8	5	4.2
	1	10	13	6	36	11	93.5	117	4.9
	1	13	6	33	56	24.6	94	10	3.2
	1	14	15	49	52	28.9	77	5	3.3
	1	15	1	33	1	22.6	92.5	5	4
	1	22	7	43	14	12.9	93	15	4
	1	23	0	29	44	12.9	92.8	38	4.5
	1	23	4	48	24	30	81.6	10	3.2
	1	24	16	11	32	25.1	95	10	4.8
	1	26	18	29	27	12.5	92.8	50	4.5
	1	2	7	23	34	24.1	93.9	20	3.5
	1	5	9	20	15	24.1	93.7	10	3.7
	1	5	19	41	40	29	81.8	5	4.2
	1	10	13	6	36	11	93.5	117	4.9
	1	13	6	33	56	24.6	94	10	3.2
	1	14	15	49	52	28.9	77	5	3.3
	1	15	1	33	1	22.6	92.5	5	4
	1	22	7	43	14	12.9	93	15	4
	1	23	0	29	44	12.9	92.8	38	4.5

1	23	4	48	24	30	81.6	10	3.2
1	24	16	11	32	25.1	95	10	4.8
1	26	18	29	27	12.5	92.8	50	4.5
1	31	13	59	47	28.2	83.8	10	4.6
1	31	21	11	11	24.3	94.1	85	3.4
2	1	16	0	47	26.4	93.2	10	4.1
2	3	9	28	11	25.9	91.2	11	3.5
2	4	10	44	17	33	83.4	10	5.3
2	6	13	13	9	26.9	91.9	10	3.5
2	6	22	39	27	25.4	94.6	15	3.5
2	7	23	35	59	36.7	73.3	70	4.5
2	9	14	13	10	9.2	93.3	10	4.7
2	11	3	30	11	13.2	92.2	20	5.3
2	12	8	19	35	34	74.1	14	3.5
2	12	14	32	59	24.2	94	90	5
2	12	15	32	52	24	94	50	3.5
2	14	17	6	51	26.7	87.6	10	3.8
2	15	14	14	16	34.1	75.2	10	4.2