

**Calcolo dell'onda di sommersione conseguente all'ipotetico collasso**  
**Tabella riassuntiva dei risultati del calcolo nelle sezioni trasversali della valle nel territorio della**  
**Regione Marche**

Sez.	Progre ss. (m)	Portata max (m <sup>3</sup> /s)	Altezza max (m)	Livello max (m s.m.)	Velocit à max (m/s)	Carico tot. max (m)	Portata max (s)	Tempi corrispondenti a				Comuni interessati
								Altezza max (s)	Carico tot. max (s)	Arrivo del fronte (s)	Arrivo del fronte (h:m:s)	
32	27401	10775	9.6	669.21	3.96	670.21	12620	12695	12695	8101	02:15:01	Arquata del Tronto
33	28387	10768	10.83	665	6.29	667.01	12995	12995	12995	8260	02:17:40	
34	29341	10764	12.85	658.99	8.09	662.3	12655	12655	12655	8471	02:21:11	
35	30128	10762	14.76	651.76	7.1	653.65	13155	13155	13155	8580	02:23:00	
36	30887	10758	17.79	647.43	8.82	651.38	13195	12755	13195	8675	02:24:35	
DIG2*	31634	10757	20.19	636.19	11.19	642.57	13119	12519	13114	8675	02:24:35	
37	32391	10757	18.57	630.96	11.51	637.64	13094	13094	13094	8760	02:26:00	
38	33111	10756	15.34	612.68	13.65	622.17	13094	13094	13094	8846	02:27:26	
39	33824	10756	13.09	601.51	8.62	605.25	13134	13134	13134	8945	02:29:05	
40	34760	10755	15.44	586.45	11.92	593.43	13329	13329	13329	9090	02:31:30	
41	35733	10755	12.1	525.23	19.63	544.92	13274	13274	13274	9176	02:32:56	
42	36470	10755	16.07	507.14	16.38	520.79	13479	13429	13410	9236	02:33:56	
43	37191	10755	11.8	478.36	16.1	491.67	13469	13274	13345	9296	02:34:56	
44	38181	10755	13.92	464.73	11.77	471.78	13399	13459	13399	9390	02:36:30	
45	38981	10754	17.66	455.65	11.98	462.94	13579	13564	13564	9471	02:37:51	
46	39904	10754	16.49	436.26	14.72	447.3	13594	13509	13509	9556	02:39:16	
47	41016	10754	15.3	414.44	10.52	420.09	13549	13544	13544	9661	02:41:01	
48	41934	10754	19.62	404.24	12.14	411.68	13560	13699	13560	9756	02:42:36	
49	42984	10754	16.45	370.52	17.45	386.12	13644	13644	13644	9840	02:44:00	
50	43764	10754	15.37	361.13	9.81	366.01	13669	13629	13649	9911	02:45:11	
51	44942	10753	18.21	343.36	8.78	346.34	13799	13844	13794	10061	02:47:41	
52	45861	10752	23.33	335.83	11.99	341.49	13844	13844	13844	10155	02:49:15	
53	46928	10752	18.13	321.15	13.38	330.3	13889	13889	13889	10250	02:50:50	
54	47855	10752	9.36	309.08	8.19	312.38	13854	13849	13849	10370	02:52:50	Acquasanta T. / Roccafluvione
DIG3*	48519	10750	19.72	304.22	10.13	309.45	14070	13690	14065	10370	02:52:50	
55	49551	10750	13.71	290.11	11.48	294.45	14155	14155	14155	10451	02:54:11	Acquasanta T.
56	50565	10750	13.36	279.84	9.47	284.24	14155	14251	14155	10555	02:55:55	
57	51299	10750	16.12	275.95	10.25	280.29	14275	14275	14275	10630	02:57:10	Ascoli P.
58	52335	10749	13.58	264.03	10.38	269.51	14340	14335	14340	10740	02:59:00	
59	53154	10749	14.74	253.83	10.54	259.52	14370	14370	14365	10826	03:00:26	
60	53995	10748	16.8	247.56	10.14	252.41	14530	14530	14475	10911	03:01:51	
61	54907	10748	15.13	237.74	10.02	242.77	14530	14530	14530	11006	03:03:26	
62	55841	10748	14.75	229.36	9.81	233.36	14615	14625	14585	11106	03:05:06	
63	56719	10747	18.69	222.61	10.55	227.12	14701	14951	14701	11191	03:06:31	
64	57545	10747	12	213.82	9.43	218.34	14945	14745	14945	11295	03:08:15	

Sez.	Progress. (m)	Portata max (m³/s)	Altezza max (m)	Livello max (m s.m.)	Velocità max (m/s)	Carico tot. max (m)	Portata max (s)	Tempi corrispondenti a				Comuni interessati	
								Altezza max (s)	Carico tot. max (s)	Arrivo del fronte (s)	Arrivo del fronte (h:m:s)		
DIG4*	58071	10746	23.81	210.81	9.63	214.82	14775	14475	14775	11295	03:08:15	Ascoli P.	
65	59253	10746	22.27	177.84	9.56	180.45	14895	14535	14535	11416	03:10:16		
66	60175	10745	23.09	170.06	11.56	176.85	15196	15255	14835	11535	03:12:15		
67	61028	10742	17.98	161.45	11.39	168.04	14835	15255	15255	11626	03:13:46		
68	61731	10746	17.84	156.72	11.39	163.31	14925	14925	14925	11716	03:15:16		
69	62665	10738	15.4	148.77	7.25	150.98	14955	15766	15316	11806	03:16:46		
70	63565	10729	17.81	147	7.07	148.63	15375	15646	15796	11925	03:18:45		
71	64449	10714	22.62	145.98	7.49	147.22	15435	15855	15855	12016	03:20:16		
72	65373	10710	25.12	144.33	5.88	145.71	15495	15826	15766	12165	03:22:45		
73	65927	10709	21.55	139.74	8.8	143.62	15676	15646	15705	12256	03:24:16		
74	66421	10705	21.39	137.63	6.69	139.85	15735	15735	15735	12345	03:25:45		
75	67346	10698	17.66	130.05	9.17	134.31	15945	15646	16005	12495	03:28:15		
76	67940	10698	13.82	122.97	10.64	128.71	15705	15705	15855	12586	03:29:46		
77	68986	10698	17.36	120.97	9.54	123.54	15826	16096	16096	12705	03:31:45		
78	69798	10697	15.92	115.86	10.61	121.6	16216	16096	16096	12766	03:32:46		
79	70691	10697	19.45	114.56	7.54	115.45	16185	16306	16306	12885	03:34:45		
80	71652	10697	18.25	109.57	10.13	114.79	16425	16546	16546	13005	03:36:45		
81	72734	10696	10.42	97.08	11.28	103.57	16455	16575	16516	13156	03:39:16		
82	73594	10694	8.98	93.33	9.29	97.7	16546	16546	16516	13245	03:40:45		
83	74410	10681	6.71	86.11	7.48	88.97	16605	16516	16605	13395	03:43:15		
84	75184	10673	4.26	82.04	4.83	83.17	16756	16756	16726	13576	03:46:16		
85	75886	10672	6.48	77.32	5.18	78.46	16906	16906	16756	13696	03:48:16		Ascoli P. / Maltignano
86	76861	10666	6.92	72.21	5.34	73.3	16936	16936	16936	13875	03:51:15		
87	77696	10661	7.52	68.06	4.97	69.1	17175	17175	17025	14026	03:53:46		
88	78562	10653	8.95	65.42	5.05	66.06	17416	17416	17296	14145	03:55:45		
89	79290	10645	9.26	63.08	9.61	64.52	17416	17266	17266	14205	03:56:45	Ascoli P.	
90	80366	10675	6.49	56.68	4.59	57.75	17535	17626	17595	14385	03:59:45		
91	81562	10651	6.61	52.1	4.43	53.05	17776	17776	17835	14655	04:04:15	Colli del Tronto	
92	82507	10647	6.43	48.01	3.88	48.76	17925	17925	17956	14986	04:09:46		
93	83469	10645	6.73	45.04	4.1	45.88	18135	18226	18196	15316	04:15:16	Spinetoli	
94	84452	10644	7	41.74	4.41	42.73	18285	18226	18226	15556	04:19:16		
95	85344	10642	6.8	38.49	3.98	39.29	18435	18495	18406	15766	04:22:46		
96	86372	10639	7.2	34.8	4.86	35.8	18615	18705	18675	16066	04:27:46		
97	87129	10639	6.92	31.19	4.86	32.11	18705	18705	18765	16245	04:30:45		
98	87844	10639	7.15	28.62	4.46	29.4	18916	18916	18946	16395	04:33:15		
99	88535	10635	7.47	26.62	4.35	27.22	19065	19186	19096	16546	04:35:46		
100	89462	10616	7.99	23.88	4.69	24.75	19306	19275	19275	16756	04:39:16	Monsampolo del Tronto	
101	90385	10608	7.97	21.04	4.58	21.67	19366	19666	19726	16965	04:42:45		
102	91239	10594	8.45	19.23	4.54	19.76	19815	19995	19876	17145	04:45:45	Monteprandone	
103	92059	10569	8.23	17.51	4.47	18.13	19936	20115	20026	17325	04:48:45		

Sez.	Progre ss. (m)	Portata max (m <sup>3</sup> /s)	Altezza max (m)	Livello max (m s.m.)	Velocit à max (m/s)	Carico tot. max (m)	Portata max (s)	Tempi corrispondenti a				Comuni interessati
								Altezza max (s)	Carico tot. max (s)	Arrivo del fronte (s)	Arrivo del fronte (h:m:s)	
104	93003	10553	7.78	15.23	4.41	15.72	20325	20416	20356	17535	04:52:15	Monteprandone
105	94075	10533	7.63	13.09	4.29	13.43	20596	20865	20746	17805	04:56:45	
106	94980	10508	6.75	11.22	3.5	11.61	21010	21040	21010	18016	05:00:16	
107	95771	10493	4.67	9.36	2.6	9.67	21161	21281	21250	18376	05:06:16	San Benedetto del T.
108	96687	10474	6.24	7.18	2.54	7.51	21461	21641	21581	18855	05:14:15	
109	97525	10460	5.34	5.52	2.49	5.84	21761	21851	21821	19216	05:20:16	
110	98423	10393	3.98	4.23	1.6	4.35	22181	22421	22391	19815	05:30:15	
111	99074	10370	3.29	3.17	1.92	3.36	22540	22601	22571	20235	05:37:15	

*Dati ricavati dagli allegati al Documento di Protezione Civile approvato dalla Prefettura - UTG dell'Aquila con Decreto Prefettizio n. 19133 del 29 marzo 2019*

\*DIG2: traversa di Arquata del Tronto

DIG3: diga di Colombara

DIG4: traversa di Mozzano