FLOODING FOR A CIRCULAR HOLE IN THE HULL

h	1	2	3	4	5	6	7	8	9	10
d										
0.75	11	16	19	23	25	28	30	32	34	36
1	20	28	35	40	45	49	53	57	60	63
2	80	113	139	160	179	196	212	226	240	253
3	180	255	312	360	402	441	476	509	540	569
4	320	453	554	640	716	784	847	905	960	1,012
5	500	707	866	1,000	1,118	1,225	1,323	1,414	1,500	1,581
6	720	1,018	1,247	1,440	1,610	1,764	1,905	2,036	2,160	2,277
7	980	1,386	1,697	1,960	2,191	2,400	2,593	2,772	2,940	3,099
8	1,280	1,810	2,217	2,560	2,862	3,135	3,387	3,620	3,840	4,048
9	1,620	2,291	2,806	3,240	3,622	3,968	4,286	4,582	4,860	5,123
10	2,000	2,828	3,464	4,000	4,472	4,899	5,292	5,657	6,000	6,325
11	2,420	3,422	4,192	4,840	5,411	5,928	6,403	6,845	7,260	7,653
12	2,880	4,073	4,988	5,760	6,440	7,055	7,620	8,146	8,640	9,107
13	3,380	4,780	5,854	6,760	7,558	8,279	8,943	9,560	10,140	10,688
14	3,920	5,544	6,790	7,840	8,765	9,602	10,371	11,087	11,760	12,396
15	4,500	6,364	7,794	9,000	10,062	11,023	11,906	12,728	13,500	14,230
16	5,120	7,241	8,868	10,240	11,449	12,541	13,546	14,482	15,360	16,191
17	5,780	8,174	10,011	11,560	12,924	14,158	15,292	16,348	17,340	18,278
18	6,480	9,164	11,224	12,960	14,490	15,873	17,144	18,328	19,440	20,492
19	7,220	10,211	12,505	14,440	16,144	17,685	19,102	20,421	21,660	22,832
20	8,000	11,314	13,856	16,000	17,889	19,596	21,166	22,627	24,000	25,298
21	8,820	12,473	15,277	17,640	19,722	21,604	23,336	24,947	26,460	27,891
22	9,680	13,690	16,766	19,360	21,645	23,711	25,611	27,379	29,040	30,611
23	10,580	14,962	18,325	21,160	23,658	25,916	27,992	29,925	31,740	33,457
24	11,520	16,292	19,953	23,040	25,760	28,218	30,479	32,583	34,560	36,429
25	12,500	17,678	21,651	25,000	27,951	30,619	33,072	35,355	37,500	39,528

Table yields flow in gpm when: d = hole diameter in inches; h = distance between waterline and hole
Example: A 2 inch diameter hole 3 feet below the waterline will allow 139 gallons per minute flooding rate

JTB MARINE CORPORATION
ST. PETERSBURG, FL
www.jtbmarine.com