

TAI LAM CHUNG ARCH DAM—RADIAL DEFLECTIONS—STAGE 2.

All deflections are in inches
100

+ve. readings mean arch shortening.
-ve " " " lengthening.

TABLE 2.

Height of water	5'-6"	9'-0"	12'-0"	15'-0"	18'-0"	19'-0"	20'-0"	21'-0"	22'-0"	23'-0"	24'-0"	25'-0"	25'-0"	26'-0"	27'-0"	28'-0"	29'-0"	30'-0"	31'-0"	31'-0"	32'-0"	33'-0"
Temperature °F	93	94	87	94	90	94	91	87	92	84	90	86	87	81	87	84	86	86	86	92	85	87
Scale 4	0	1	—	2	2	2	3	7	7	9	9	5	7	10	11	13	18	20	20	20	21	21
" 5	0	0	-1	1	6	6	6	6	—	13	14	13	14	20	21	23	25	26	27	27	32	34
" 23	0	0	-13	-4	-1	-1	-10	0	-1	-6	-3	-11	-2	1	3	6	5	9	9	11	16	20
" 24	0	0	-11	-4	-1	1	-11	-1	0	-6	-6	-12	0	-1	0	4	0	4	4	6	9	15
" 14	0	1	0	-2	1	3	-1	4	6	7	8	—	10	13	15	17	19	24	24	26	31	33
" 3	0	2	—	4	12	12	12	18	21	20	20	18	25	29	32	33	33	37	38	38	42	42
" 6	0	-1	—	4	7	10	—	14	—	17	19	16	23	25	29	31	31	35	36	38	43	45
" 25	0	2	-7	0	5	5	-3	7	7	5	6	-2	9	15	13	17	18	23	23	26	30	35
" 22	0	1	-10	0	3	3	-5	6	6	4	4	-3	10	14	15	17	17	23	26	29	32	37
" 15	0	-2	—	-1	3	4	-4	5	6	5	5	5	11	15	16	—	20	27	29	31	37	39
" 13	0	-2	-11	-1	5	6	3	8	13	15	18	15	20	25	28	30	30	36	38	40	46	48
" 16	0	0	—	-1	-1	-1	-7	-1	-1	-2	-1	-9	0	0	0	0	-1	-1	-1	-1	-3	-5
" 2	0	0	—	5	13	15	10	19	23	22	25	22	27	30	32	33	34	38	40	41	44	44
" 28	0	0	-7	0	0	0	-6	0	0	-2	0	-8	0	0	-1	-1	-2	-3	-6	-5	-9	-10
" 19	0	1	-8	-1	-1	-1	-7	-1	-1	-3	-1	-10	-1	-2	-2	-2	-4	-4	-5	-5	-8	-10
" 7	0	1	—	6	11	14	12	19	22	22	25	23	27	31	32	37	38	42	43	44	50	50
" 12	0	1	-9	3	6	9	5	14	17	19	22	20	26	28	30	34	37	42	43	45	49	52
" 8	0	1	—	2	8	12	10	17	20	22	25	22	28	32	32	36	36	40	41	44	48	50
" 18	0	3	-8	2	7	9	4	12	14	13	16	14	21	24	26	31	34	37	40	43	47	50
" 11	0	2	-9	1	6	8	6	12	15	17	21	18	24	26	29	32	35	38	40	42	46	49
" 20	0	1	-6	1	5	7	2	10	12	11	14	9	20	21	23	28	29	32	35	36	42	44
" 21	0	2	-5	2	7	9	4	12	14	13	16	11	21	23	25	30	30	35	39	39	45	47
" 26	0	1	-5	2	7	10	4	12	15	16	18	12	21	25	26	31	31	36	36	38	45	47
" 27	0	2	-4	3	7	9	4	11	14	15	17	11	21	24	25	30	31	35	35	37	43	45
" 10	0	1	—	-2	-1	-1	-4	0	1	1	3	-1	4	4	4	5	6	4	5	5	5	5