

Question No.9 Have you ever had experience in flooding in front of your house?

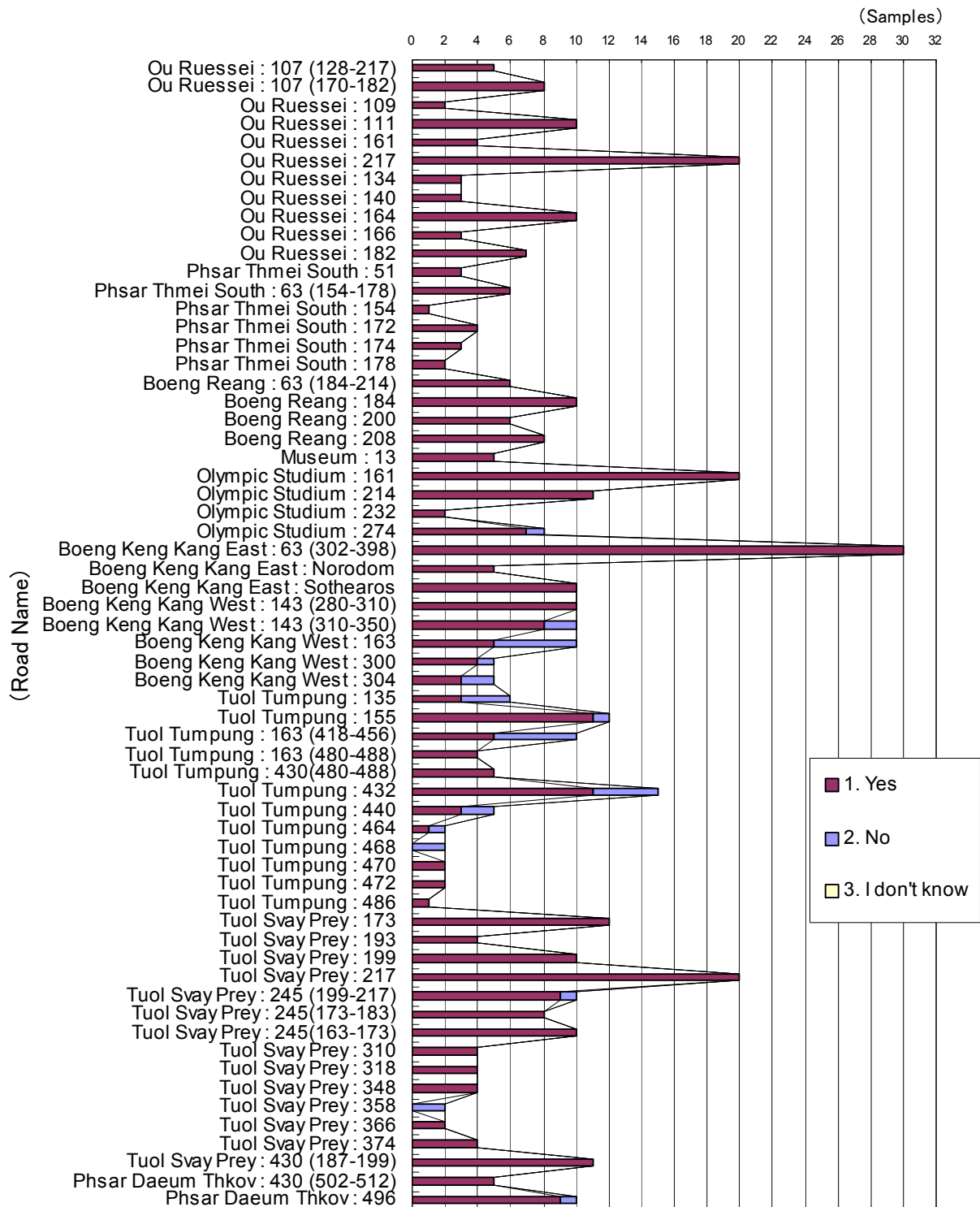


Figure 5.1 (1/8) Experience of Inundation in South Area (Number of Samples)

Question No.9 Have you ever had experience in flooding in front of your house?

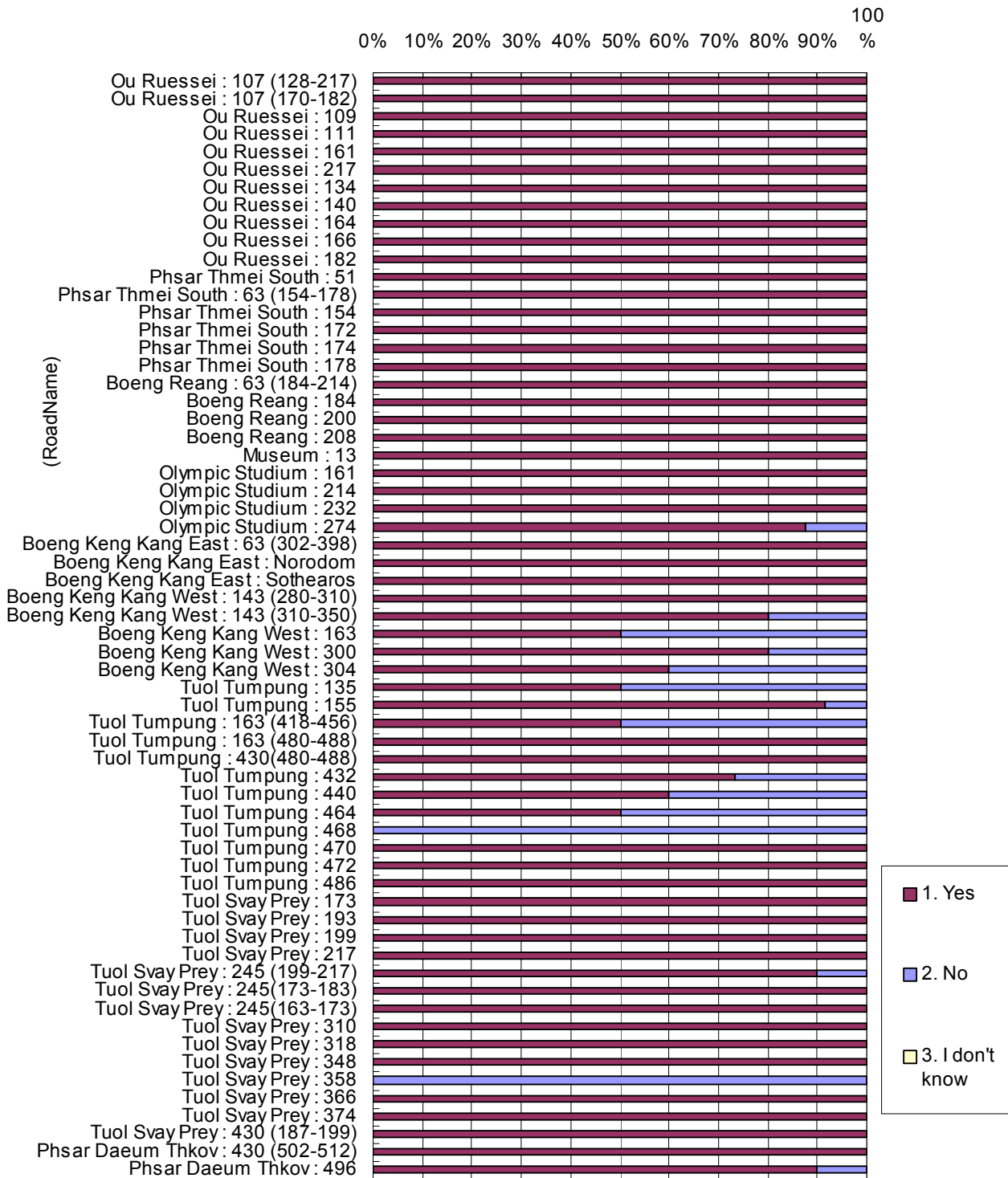


Figure 5.1 (2/8) Experience of Inundation in South Area (Percentage)

Question No.10 If "Question No.9 answer Yes",  
how often do you have the flooding?

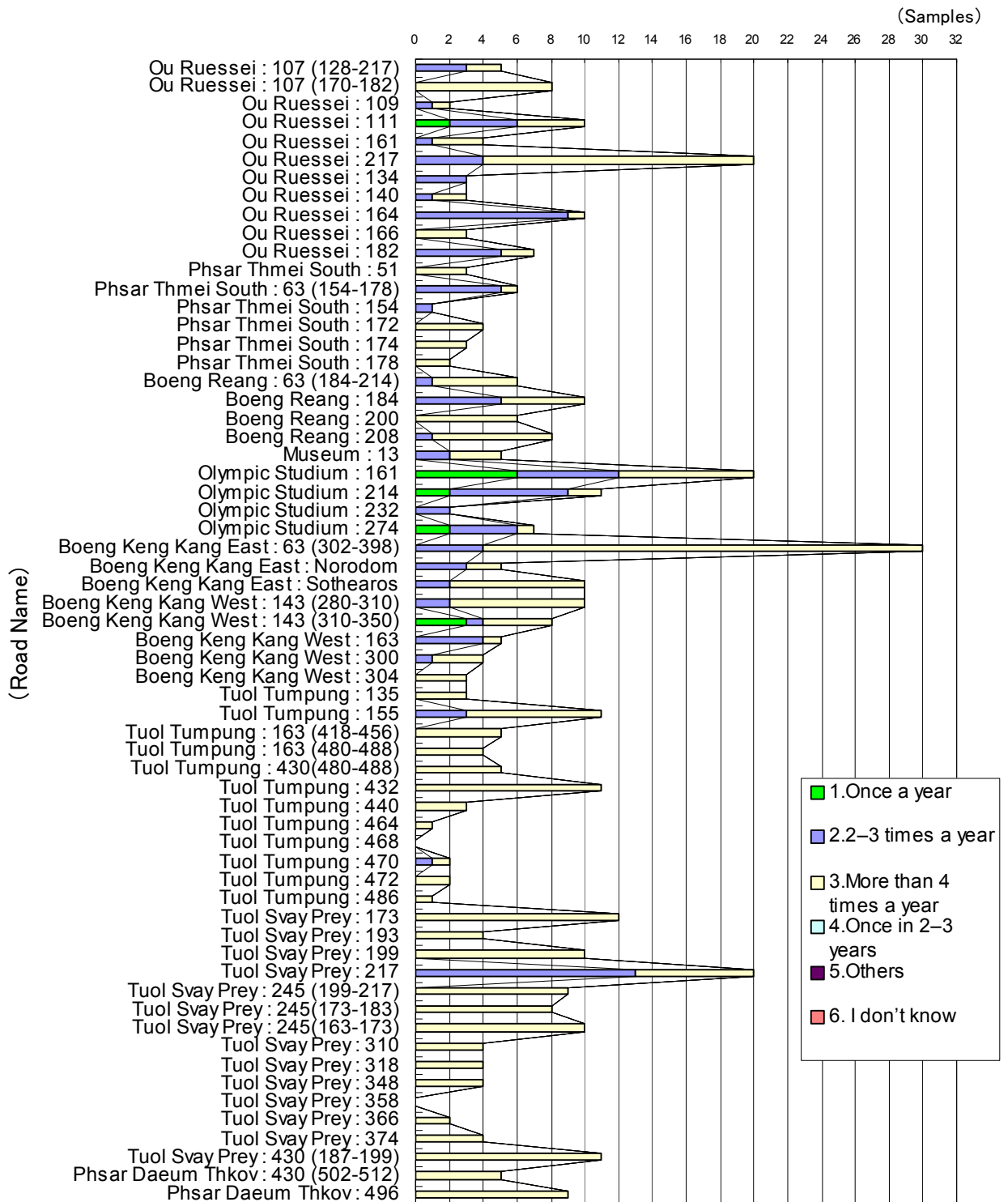


Figure 5.1 (3/8) Inundation Occurrence in South Area (Number of Samples)

Question No.10 If “Question No.9 answer Yes”,  
how often do you have the flooding?

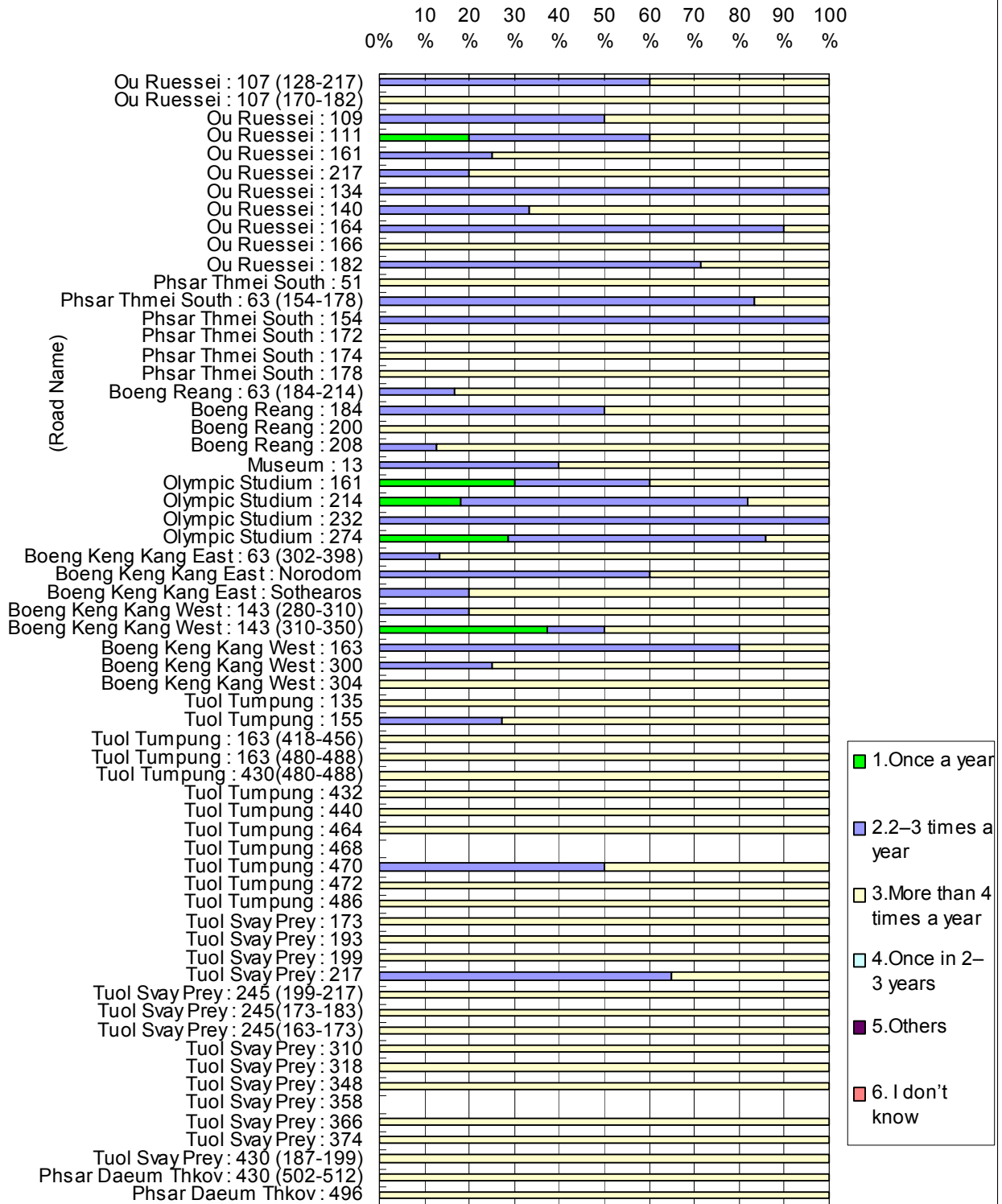


Figure 5.1 (4/8) Inundation Occurrence in South Area (Percentage)

Question No.11 If “Question No.9 answer Yes”,  
how deep was the flooding?

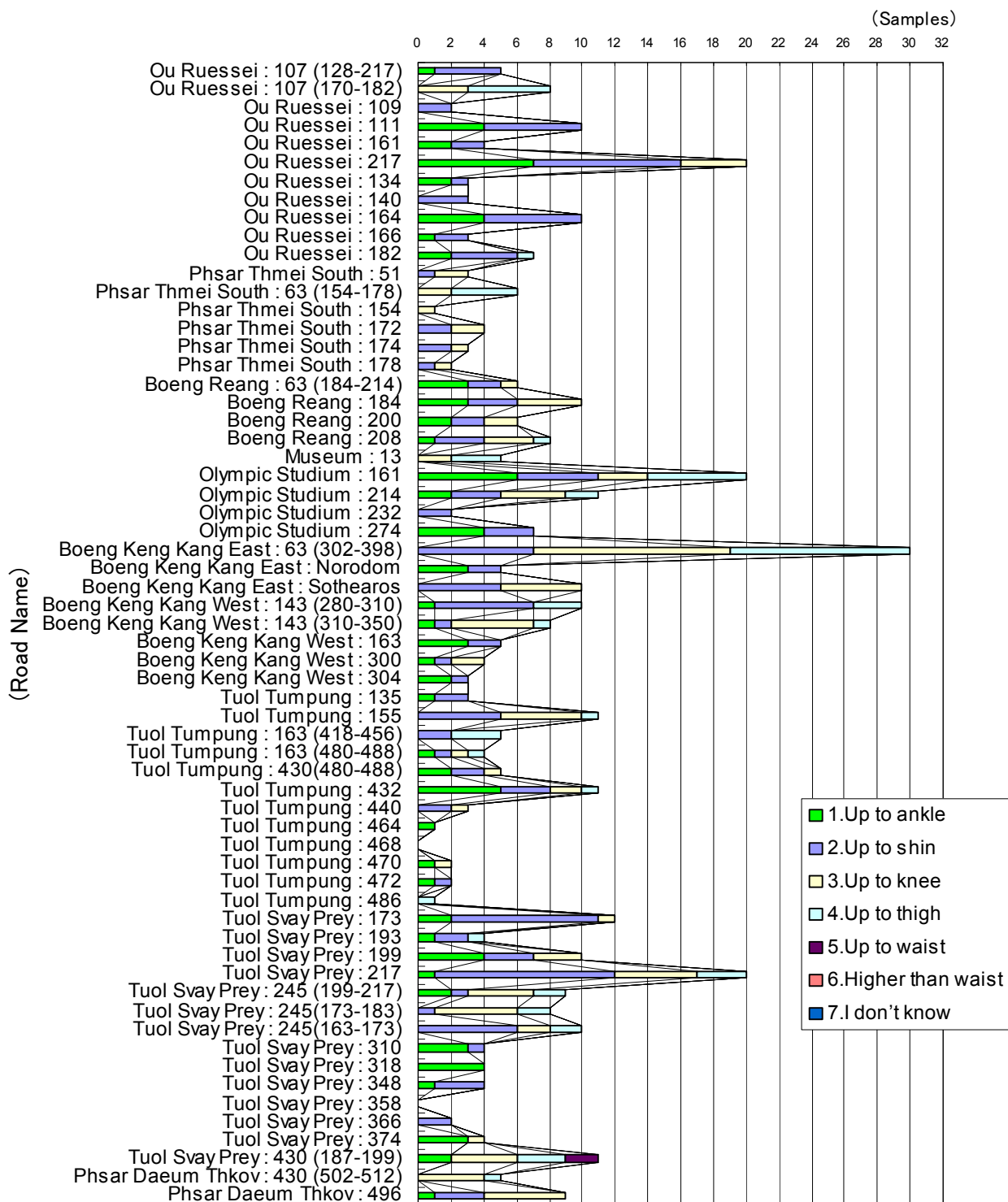


Figure 5.1 (5/8) Inundation Depth in South Area (Number of Samples)

Question No.11 If “Question No.9 answer Yes”,  
how deep was the flooding?

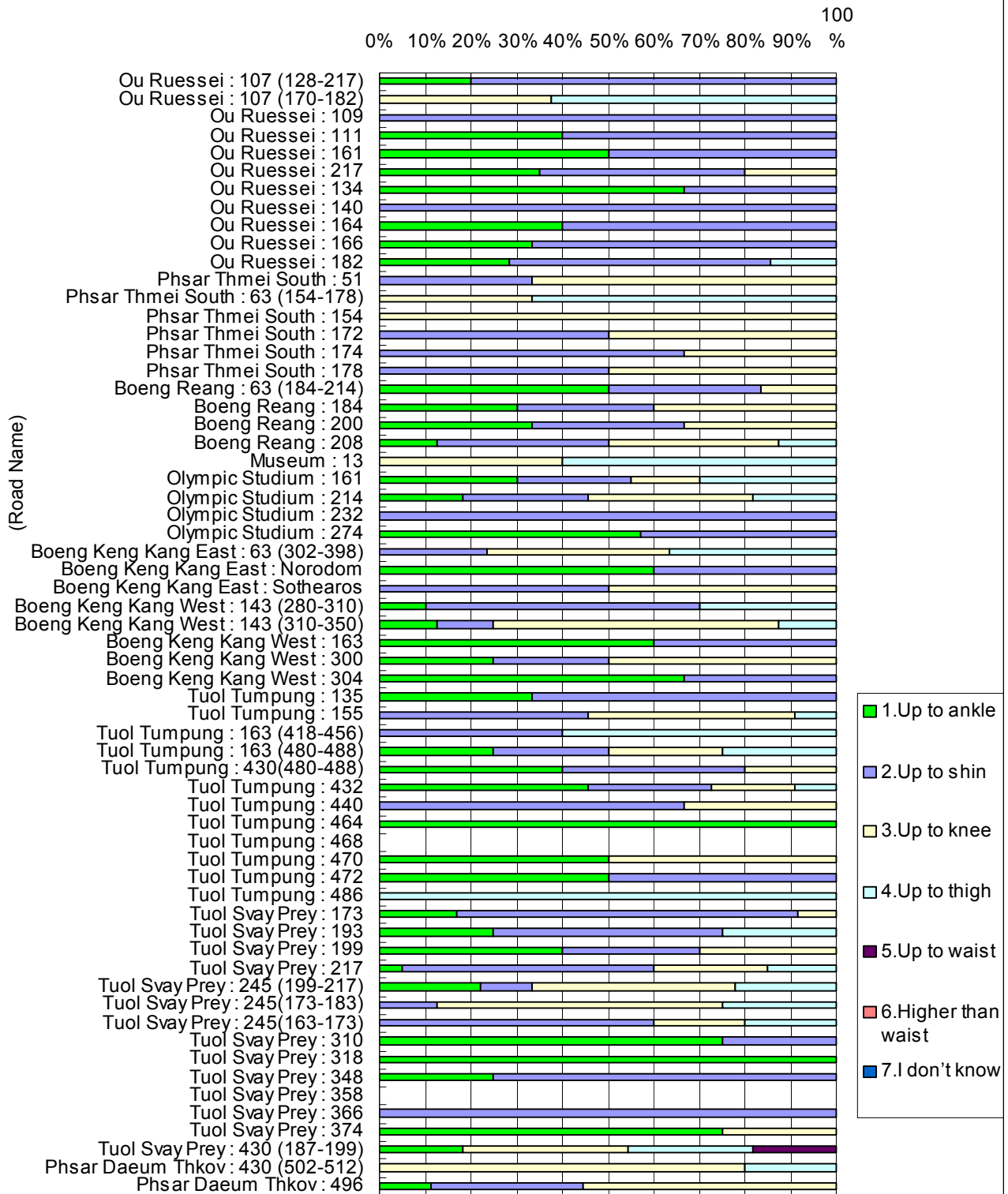


Figure 5.1 (6/8) Inundation Depth in South Area (Percentage)

Question No.12 If "Question No.9 answer Yes",  
how long was the flooding?

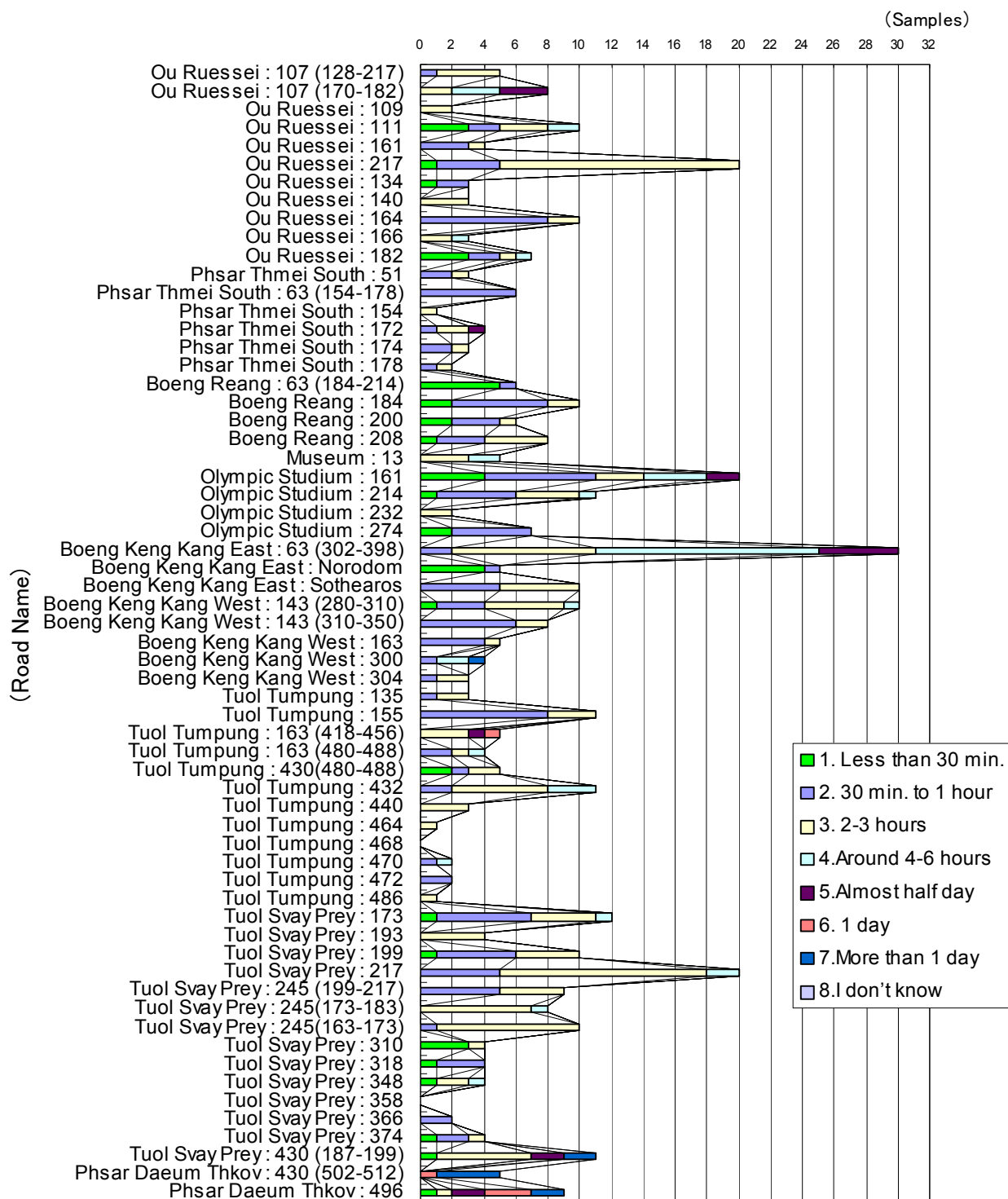


Figure 5.1 (7/8) Inundation Time in South Area (Number of Samples)

Question No.12 If "Question No.9 answer Yes",  
how long was the flooding?

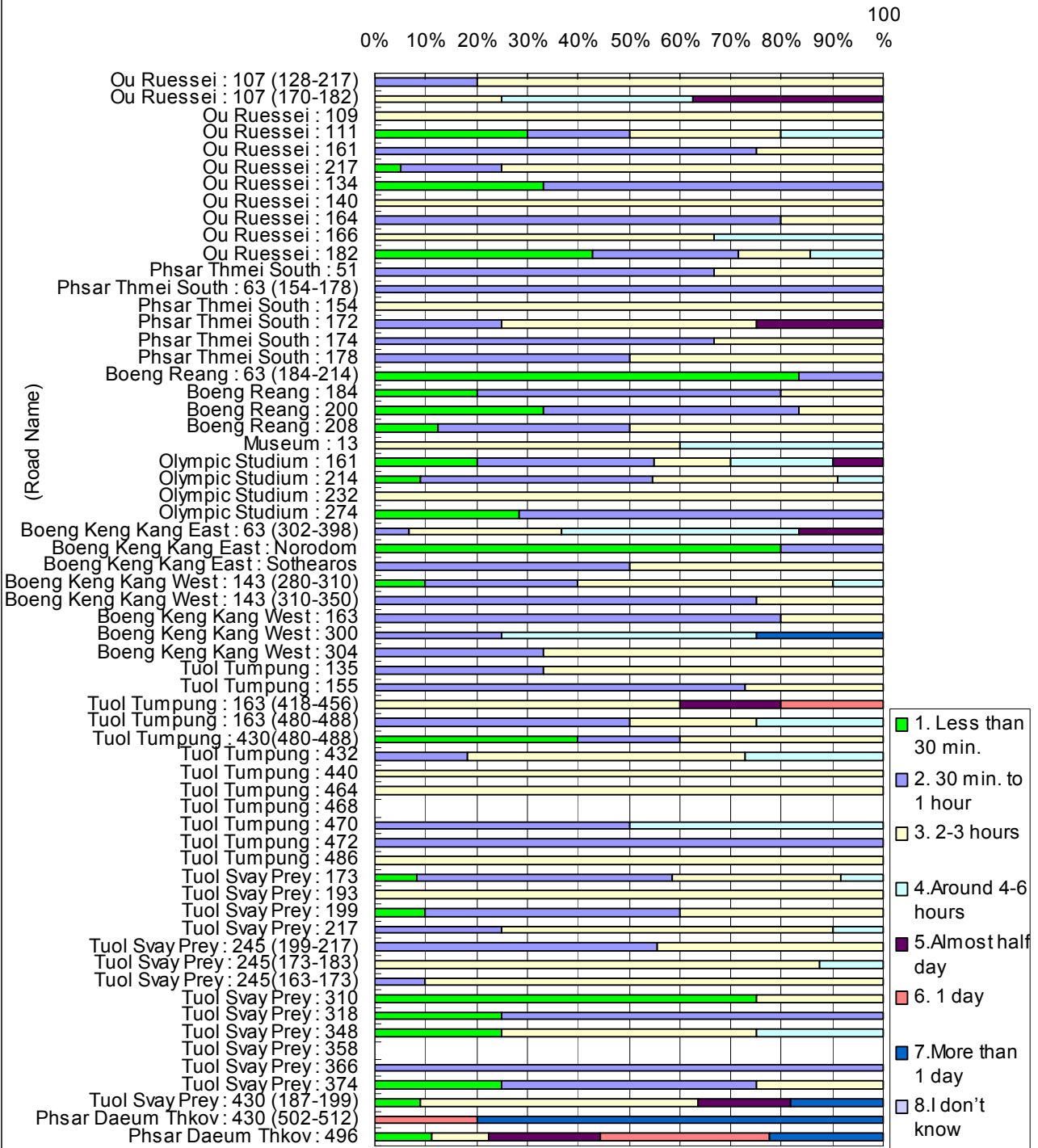


Figure 5.1 (8/8) Inundation Time in South Area (Percentage)









Table 5.4 Result of Inundation Condition Survey in North Area (4/4)

Area	Name of Road	Denigiti (m)	Sangkal Name	No of Sample	I. General Questions								II. Questions on Inundation Situation				III. Questions on Sanitary Condition				IV. Others					
					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
					Type of interviewee	Address	Employment of the master	Number of persons staying in the house	Number of dwelling years at this place	What type of your dwelling	If Question No.6 answer 2 Rental how much is your house rent? (US\$/month)	Total expenditure of your house per month (US\$/month)	Have you ever had experience in flooding in front of your house?	If Question No.9 answer Yes how often do you have the flooding?	If Question No.9 answer Yes how deep was the flooding?	If Question No.9 answer Yes how long was the flooding?	Do you have any trouble after flooding?	If Question No.13 answer Yes what kind of trouble did you have due to the flooding?	How do you dispose of your nightsoil?	Have you and your family ever had the following disease after flooding?	Do you agree that the road in front of your house and drainage condition will be improved?	If Question No.17 answer Yes do you still agree that the improvement requires construction work in front of your house?	If Question No.17 answer Yes what kind of benefits do you expect the road and drainage improvement in front of your house?	If Question No.17 answer No why do not you agree the improvement in front of your house?		
Answers								Answers				Answers				Answers										
					1.Housewife 2.The master 3.Children 4.Other house member 5.Housekeeper (servant) 6.Others	1.Primary industry 2.Secondary industry 3.Tertiary industry 4.Pensioner (retired) 5.Unemployed 6.Others	1.Less than 5 2.5-9 3.10-19 4.20 or more 5.I don't know	1.Own house 2.Rental 3.I don't know	1.Less than 100 2.101-200 3.201-500 4.501-1000 5.1001-2000 6.More than 2001 7.I don't know	1.Yes 2.No 3.I don't know	1.Once a year 2.2-3 times a year 3.More than 4 times a year 4.Once in 2-3 years 5.Others 6.I don't know	1.Up to ankle 2.Up to shin 3.Up to knee 4.Up to thigh 5.Up to waist 6.Higher than waist 7.I don't know	1.Less than 30 min 2.30 min to 1 hour 3.2-3 hours 4.Around 4-6 hours 5.Almost half day 6.1 day 7.More than 1 day 8.I don't know	1.Yes 2.No	1.Cannot go out for business or shopping 2.Cannot open for business 3.Soil the furniture, merchandize or inside the house 4.Smell the house 5.Others 6.I don't know	1.No treatment (defecate in your backyard) 2.Septic tank 3.Flowing to a drainage pipe 4.Others 5.I don't know	1.Skin disease 2.Flu 3.Food poisoning 4.Diarhea 5.Typhoid 6.Dysentery 7.I don't know	1.Yes 2.No 3.I don't know	1.Yes 2.No 3.I don't know	1.Better sanitary condition (including outbreak of insects, water-borne disease, etc.) 2.Better environmental condition (air, dust, odor, etc.) 3.Better traffic condition 4.Better business condition 5.Others 6.I don't know	1.Do not feel the necessity 2.Do not like noise, vibration, dust and so on resulting from the construction work 3.Do not want to interfere with my business 4.Others 5.I don't know					
Block E	178	640	Chey Chumneah	5	1	2	R178-25E0	4	7	4	1	-	3	1	3	4	4	1	1,4	3	1,2,4	1	1	1,2,4	-	
					2	1	R178-61	6(Gov Staff)	5	4	1	-	2	1	3	2	5	1	1,2,4	3	1,2,4	1	1	1,2,4	-	
					3	2	R178-71B	6(Gov Staff)	4	4	1	-	2	1	3	2	5	1	1,2	3	1,2,4	1	1	1,2,4	-	
					4	1	R178-30E0	2	7	1	2	120	3	1	2	2	2	1	4	3	2,4,5	1	1	1,2,4	-	
					5	1	R178-42A3	3	5	2	1	-	2	1	2	1	1	1	4	3	2,4,5	1	1	2,4	-	
	184	600	Chey Chumneah	5	1	6(Guard of Royal Palace)	R184, Royal Palace	6(Royal Palace)	-	1	-	-	-	-	1	3	3	2	1	1,4	-	1,2	1	1	2,3	-
					2	6(Cinti Co.'s Staff)	R184	6(Cintri)	-	1	-	-	-	1	3	2	2	1	1,4	-	1,2	1	1	1,2,3	-	
					3	2	R184-12E0	4	7	3	1	-	3	1	3	3	3	1	1,4	3	1,2	2	-	-	1/Existing system shall be rehabilitated.	
					4	2	R184-9E0B	6(Gov Staff)	4	2	1	-	2	1	3	3	3	1	1,2	3	1,2	1	1	2,3,4	-	
					5	2	R184	4	14	4	1	-	4	1	3	3	3	1	1,2,3,4	3	1,2	1	1	2,4	-	
	Sothearuos (A)	300	Chey Chumneah	5	1	2	Sothearuos-5E0	3	4	1	2	200	2	1	3	1	1	1	4	3	1,2	1	1	1,2	-	
					2	1	Sothearuos-6H	6(Gov Staff)	4	2	1	-	2	1	3	1	1	1	1,4	3	1,2	1	1	2,3,4	-	
					3	2	Sothearuos-22E0	4	3	3	1	-	1	1	3	2	3	1	1,2,4	3	2	1	1	1,2,3,4	-	
					4	2	Sothearuos-25E0	4	5	3	1	-	2	1	3	2	3	1	1,4	3	2,3,4,5	1	1	1,2	-	
					5	2	Sothearuos-14E0	3	6	3	1	-	3	1	3	3	4	1	1,2,3,4	3	1,2,4	1	1	1,2,4	-	
	240	860	Chey Chumneah / Chakto Mukh	5	1	6(Guard of Royal Palace)	R240, Royal Palace	6(Royal Palace)	-	1	-	-	-	-	1	3	4	3	1	1,4	-	1	1	1	3	-
					2	2	R240-22E0	6(Gov Staff)	4	2	1	-	2	1	3	2	2	1	4	3	1,2,4	1	1	2,3,4	-	
					3	2	R240-154E0	3	4	1	2	20	2	1	3	2	2	1	1,4	-	1,2	1	1	2,3	-	
					4	2	R240-45AE0	6(Gov Staff)	4	3	1	-	2	1	3	2	2	1	1	3	2,4	1	1	2,3	-	
					5	2	R240-52	3	10	1	2	240	4	1	3	2	2	1	1,4, Toilet sticks during heavy rain	3	1,2	1	1	2,3	-	
Sothearuos (B)	550	Chey Chumneah	3	1	6(Guard of UNESCO)	Sothearuos-38 (UNESCO)	6(UNESCO)	20	1	2	-	6	1	3	2	3	1	2,4	2	2	1	1	1,2	-		
				2	2	Sothearuos-Royal Palace	3	5	1	2	7	1	1	3	4	3	1	1,2	-	1,2,4	1	1	1,2,3,4	-		
				3	3	Sothearuos-44	3	6	1	2	5	2	1	3	4	3	1	1,4	-	2,4	1	1	1,2,3,4	-		
214	220	Chey Chumneah	2	1	2	R214-6E0	3	11	4	1	-	4	1	3	3	5	1	1,2	3	1,2	1	1	1,2,4	-		
				2	4	R214-8E0	6(Gov Staff)	5	1	2	150	1	1	3	3	5	1	1,2,3	-	1,2,4	1	1	1,2,4	-		
19	740	Chey Chumneah	10	1	4	R19-142BE0	4	5	4	1	-	2	1	3	3	3	1	1,4	3	2,4,5	1	1	1,2,4	-		
				2	2	R19-142E0	6(Gov Staff)	3	1	1	-	1	1	3	2	3	1	1,4	3	2	1	1	1,2,4	-		
				3	2	R19-169E0	6(Gov Staff)	5	4	1	-	2	1	2	1	1	2	-	3	2	1	1	1,2	-		
				4	2	R19-181B	4	3	4	1	-	1	1	3	3	5	1	1,2,4	3	2,4,5	1	1	1,2,4	-		
				5	2	R19-07BE0	6(Gov Staff)	5	1	2	220	2	1	3	3	5	1	1,2,3,4	3	2	1	1	1,2,4	-		
				6	2	R19-195	6(Gov Staff)	8	4	1	-	3	1	3	3	5	1	1,2,4	3	1,2,4	1	1	1,2,4	-		
				7	2	R19-198B	3	4	3	1	-	2	1	3	3	5	1	1,2,4	3	1,2	1	1	1,2,4	-		
				8	2	R19-203	2	6	4	1	-	3	1	3	3	5	1	1,2,4	3	2,4	1	1	1,2	-		
				9	1	R19-217	3	5	3	1	-	2	1	3	2	4	1	1,2,3,4	3	2,4	1	1	1,2,3,4	-		
				10	2	R19-13E2	3	7	4	1	-	3	1	3	2	5	1	1,2,4	3	1,2	1	1	1,3,4	-		
Total				221																						

**Table 5.5 Result of Inundation Condition Survey in North Area (Inundation Condition of Each Road)**

Area (Area : Road Name)	Question 9 Have you ever had experience in flooding in front of your house?				Question 10 If "Question No.9 answer Yes", how often do you have the flooding?							Question 11 If "Question No.9 answer Yes", how deep was the flooding?							Question 12 If "Question No.9 answer Yes", how long was the flooding?									
	1.Yes	2.No	3.I don't know	Total	1.Once a year	2.2-3 times a year	3.More than 4 times a year	4.Once in 2-3 years	5.Others	6.I don't know	Total	1.Up to ankle	2.Up to shin	3.Up to knee	4.Up to thigh	5.Up to waist	6.Higher than waist	7.I don't know	Total	1. Less than 30 min.	2. 30 min. to 1 hour	3. 2-3 hours	4.Around 4-6 hours	5.Almost half day	6. 1 day	7.More than 1 day	8.I don't know	Total
	Block A : 86	5	0	0	5	0	0	5	0	0	0	5	3	2	0	0	0	0	0	5	0	4	1	0	0	0	0	0
Block A : Monivong	5	0	0	5	0	0	5	0	0	0	5	5	0	0	0	0	0	0	5	1	4	0	0	0	0	0	0	5
Block A : 80(47A)	5	0	0	5	0	0	5	0	0	0	5	4	1	0	0	0	0	0	5	1	3	1	0	0	0	0	0	5
Block A : 84	2	0	0	2	0	0	2	0	0	0	2	0	2	0	0	0	0	0	2	0	2	0	0	0	0	0	0	2
Block A : 47B	3	0	0	3	0	0	3	0	0	0	3	0	3	0	0	0	0	0	3	0	2	1	0	0	0	0	0	3
Block A : 102	3	0	0	3	0	0	3	0	0	0	3	2	1	0	0	0	0	0	3	0	1	2	0	0	0	0	0	3
Block A : 19	7	0	0	7	0	0	7	0	0	0	7	2	5	0	0	0	0	0	7	0	7	0	0	0	0	0	0	7
Block A : 90	3	0	0	3	0	0	3	0	0	0	3	1	1	1	0	0	0	0	3	0	1	2	0	0	0	0	0	3
Block A : 92	2	0	0	2	0	0	2	0	0	0	2	2	0	0	0	0	0	0	2	1	1	0	0	0	0	0	0	2
Block A : 94	10	0	0	10	0	0	10	0	0	0	10	2	4	2	2	0	0	0	10	1	2	5	1	1	0	0	0	10
Block B : 53(A)	5	0	0	5	0	1	4	0	0	0	5	0	1	4	0	0	0	0	5	1	0	0	3	1	0	0	0	5
Block B : 114	2	0	0	2	0	1	1	0	0	0	2	0	2	0	0	0	0	0	2	0	2	0	0	0	0	0	0	2
Block B : Monivong	3	0	0	3	0	0	3	0	0	0	3	1	2	0	0	0	0	0	3	1	2	0	0	0	0	0	0	3
Block B : Norodom	5	0	0	5	0	2	3	0	0	0	5	0	5	0	0	0	0	0	5	0	3	2	0	0	0	0	0	5
Block B : 130	5	0	0	5	0	3	2	0	0	0	5	1	4	0	0	0	0	0	5	1	2	2	0	0	0	0	0	5
Block B : 118	5	0	0	5	0	1	4	0	0	0	5	0	4	1	0	0	0	0	5	0	3	2	0	0	0	0	0	5
Block B : 126(A)	5	0	0	5	0	2	3	0	0	0	5	0	4	1	0	0	0	0	5	0	2	3	0	0	0	0	0	5
Block B : 53(B)	2	0	0	2	0	0	2	0	0	0	2	0	1	1	0	0	0	0	2	0	1	1	0	0	0	0	0	2
Block B : 126(B)	2	0	0	2	0	0	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	2	0	0	0	0	0	2
Block B : 142	1	0	0	1	0	1	0	0	0	0	1	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1
Block B : 136	2	0	0	2	0	0	2	0	0	0	2	0	1	1	0	0	0	0	2	0	0	2	0	0	0	0	0	2
Block B : 126/67	1	0	0	1	0	0	1	0	0	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1
Block B : 142/217	1	0	0	1	0	0	1	0	0	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1
Block B : 67	1	0	0	1	0	0	1	0	0	0	1	0	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
Block C : 13	8	2	0	10	0	0	8	0	0	0	8	0	1	1	5	1	0	0	8	0	0	1	4	3	0	0	0	8
Block C : 154	10	0	0	10	0	0	10	0	0	0	10	2	2	5	1	0	0	0	10	0	5	4	0	0	1	0	0	10
Block C : 144&148	6	4	0	10	0	1	5	0	0	0	6	1	1	1	3	0	0	0	6	1	0	3	2	0	0	0	0	6
Block C : 15	9	1	0	10	0	1	8	0	0	0	9	0	8	1	0	0	0	0	9	0	6	3	0	0	0	0	0	9
Block D : 81	1	0	0	1	0	0	1	0	0	0	1	0	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
Block D : 63	10	0	0	10	0	0	10	0	0	0	10	4	0	6	0	0	0	0	10	4	0	3	3	0	0	0	0	10
Block D : 51	10	0	0	10	0	1	9	0	0	0	10	2	7	1	0	0	0	0	10	2	1	7	0	0	0	0	0	10
Block D : 172	5	0	0	5	0	3	2	0	0	0	5	2	3	0	0	0	0	0	5	2	0	3	0	0	0	0	0	5
Block D : 174	6	0	0	6	2	0	4	0	0	0	6	3	2	1	0	0	0	0	6	3	2	1	0	0	0	0	0	6
Block D : 178	8	0	0	8	3	1	4	0	0	0	8	5	3	0	0	0	0	0	8	4	3	1	0	0	0	0	0	8
Block D : 184	10	0	0	10	0	3	7	0	0	0	10	3	5	2	0	0	0	0	10	3	5	2	0	0	0	0	0	10
Block D : 154	11	0	0	11	0	3	8	0	0	0	11	2	7	2	0	0	0	0	11	2	5	4	0	0	0	0	0	11
Block E : 178	5	0	0	5	0	2	3	0	0	0	5	1	3	0	1	0	0	0	5	1	1	0	1	2	0	0	0	5
Block E : 184	5	0	0	5	0	0	5	0	0	0	5	0	1	4	0	0	0	0	5	0	2	3	0	0	0	0	0	5
Block E : Sotheauros(A)	5	0	0	5	0	0	5	0	0	0	5	2	2	1	0	0	0	0	5	2	0	2	1	0	0	0	0	5
Block E : 240	5	0	0	5	0	0	5	0	0	0	5	0	4	0	1	0	0	0	5	0	4	1	0	0	0	0	0	5
Block E : Sotheauros(B)	3	0	0	3	0	0	3	0	0	0	3	0	1	0	2	0	0	0	3	0	0	3	0	0	0	0	0	3
Block E : 214	2	0	0	2	0	0	2	0	0	0	2	0	0	2	0	0	0	0	2	0	0	0	0	2	0	0	0	2
Block E : 19	10	0	0	10	0	1	9	0	0	0	10	1	3	6	0	0	0	0	10	1	0	2	1	6	0	0	0	10
<b>Total</b>	<b>214</b>	<b>7</b>	<b>0</b>	<b>221</b>	<b>5</b>	<b>27</b>	<b>182</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>214</b>	<b>52</b>	<b>100</b>	<b>46</b>	<b>15</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>214</b>	<b>32</b>	<b>79</b>	<b>71</b>	<b>16</b>	<b>15</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>214</b>



Question No.9 Have you ever had experience in flooding in front of your house?

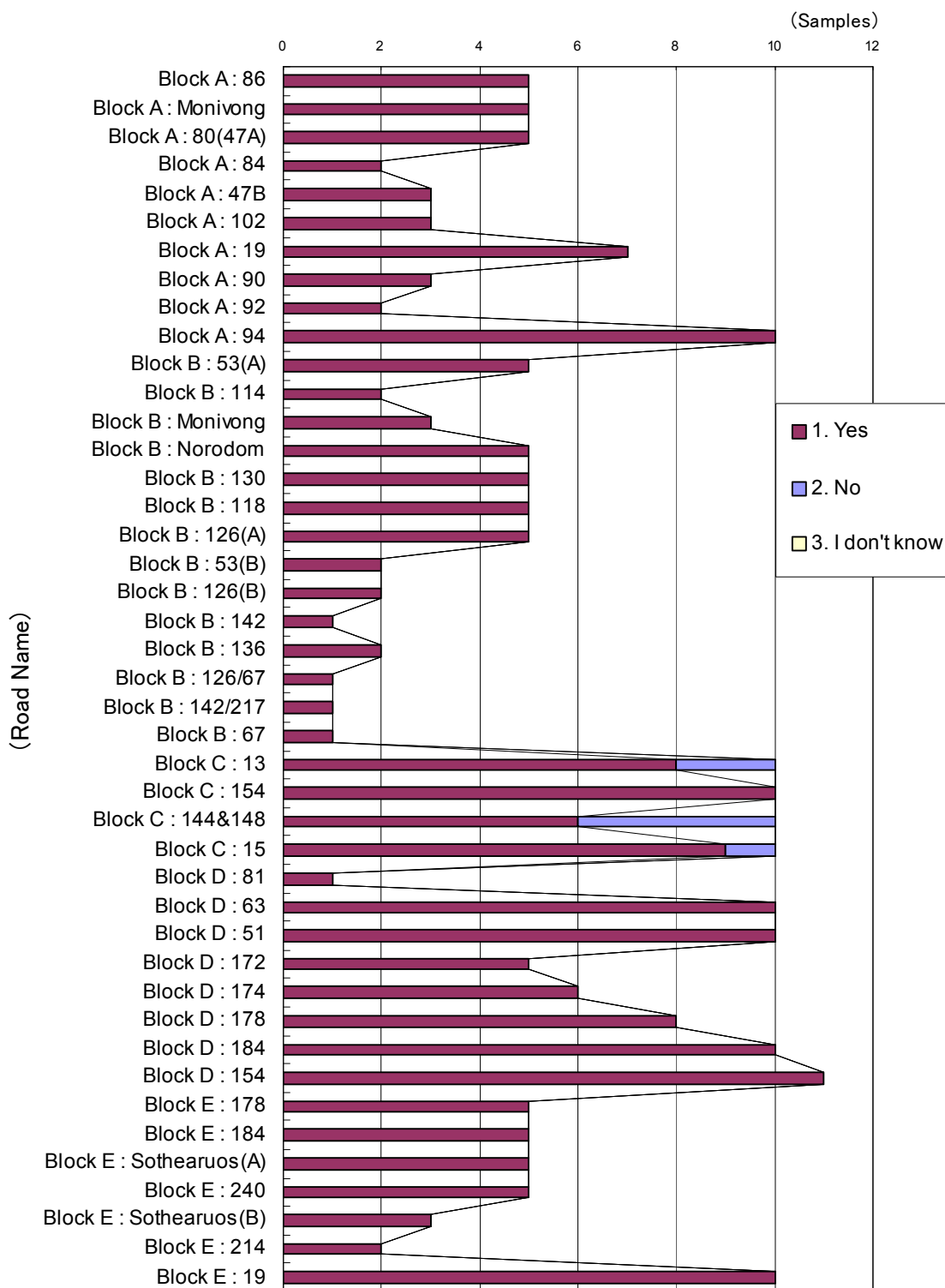


Figure 5.2 (1/8) Experience of Inundation in North Area (Number of Samples)

Question No.9 Have you ever had experience in flooding in front of your house?

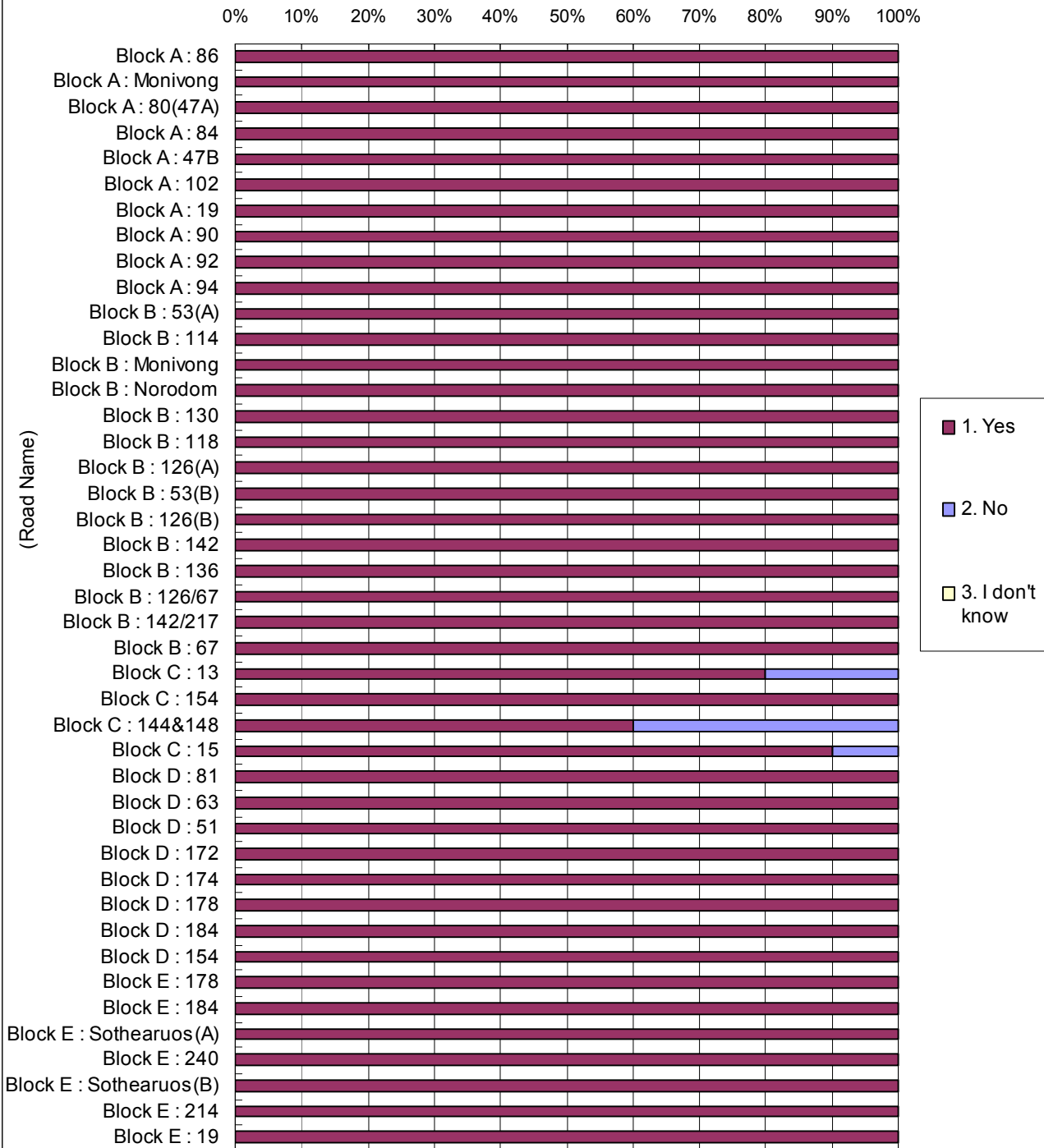


Figure 5.2 (2/8) Experience of Inundation in North Area (Percentage)



Question No.10 If "Question No.9 answer Yes",  
how often do you have the flooding?

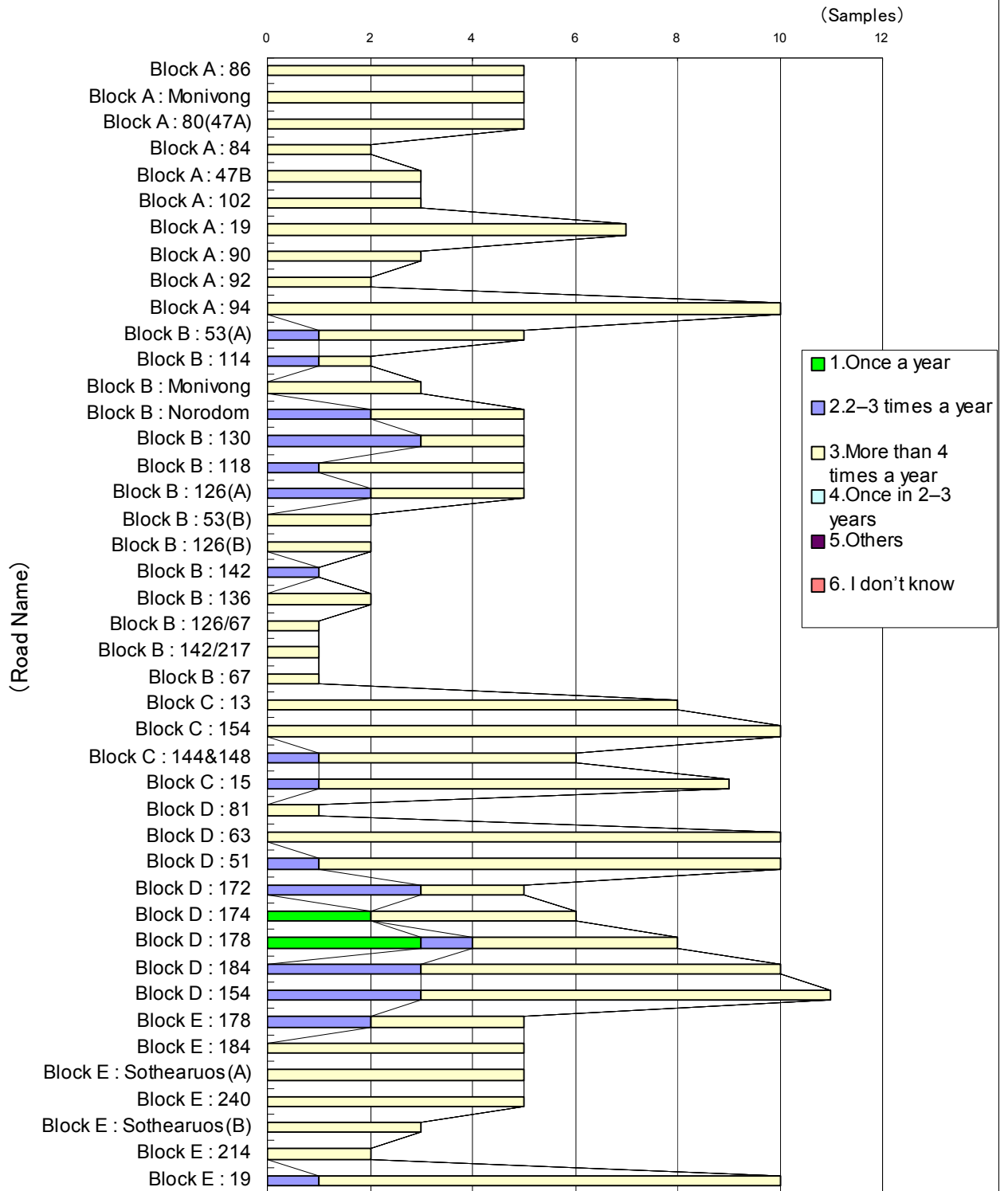


Figure 5.2 (3/8) Inundation Occurrence in North Area (Number of Samples)

Question No.10 If "Question No.9 answer Yes",  
how often do you have the flooding?

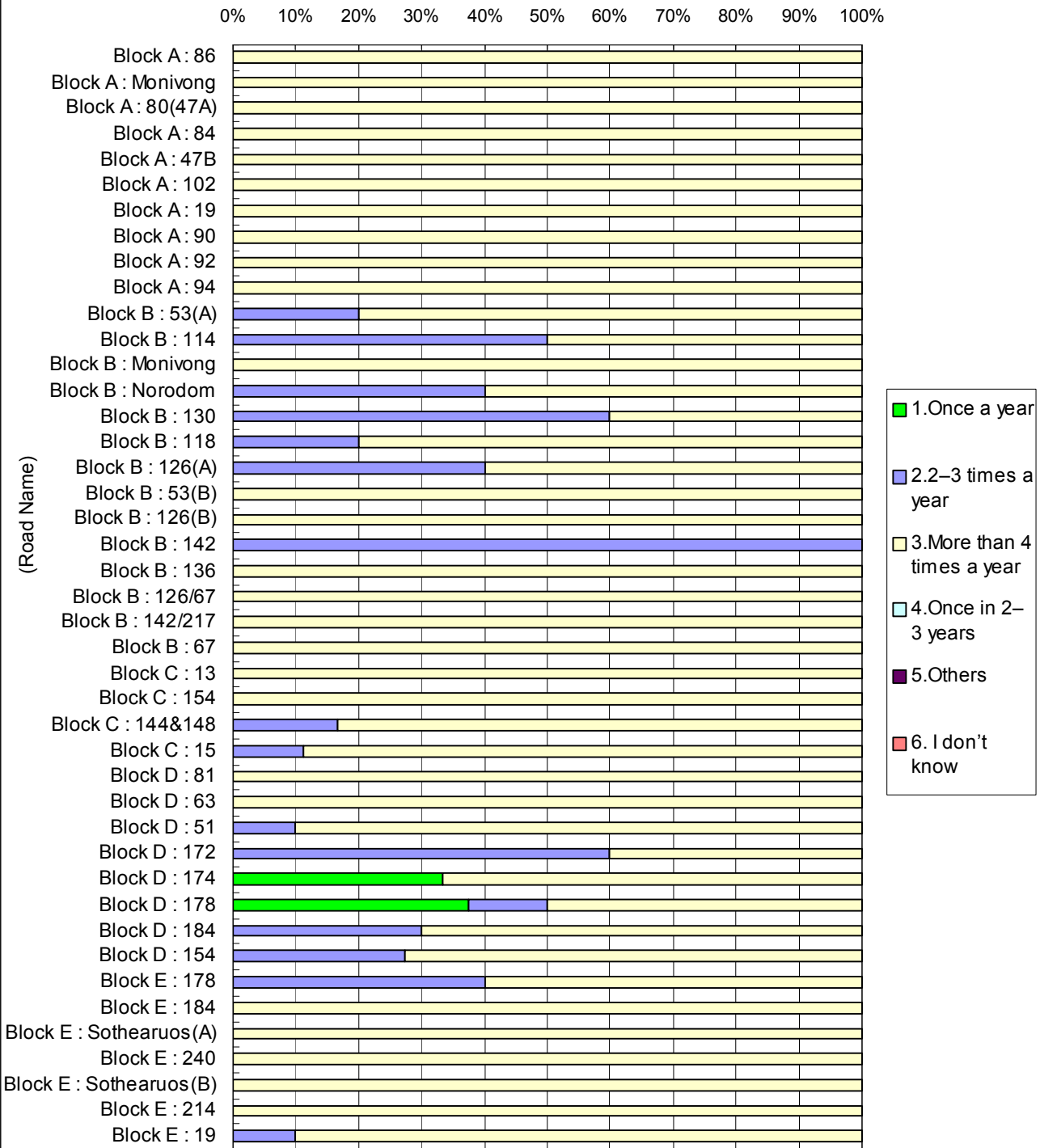


Figure 5.2 (4/8) Inundation Occurrence in North Area (Percentage)

Question No.11 If "Question No.9 answer Yes",  
how deep was the flooding?

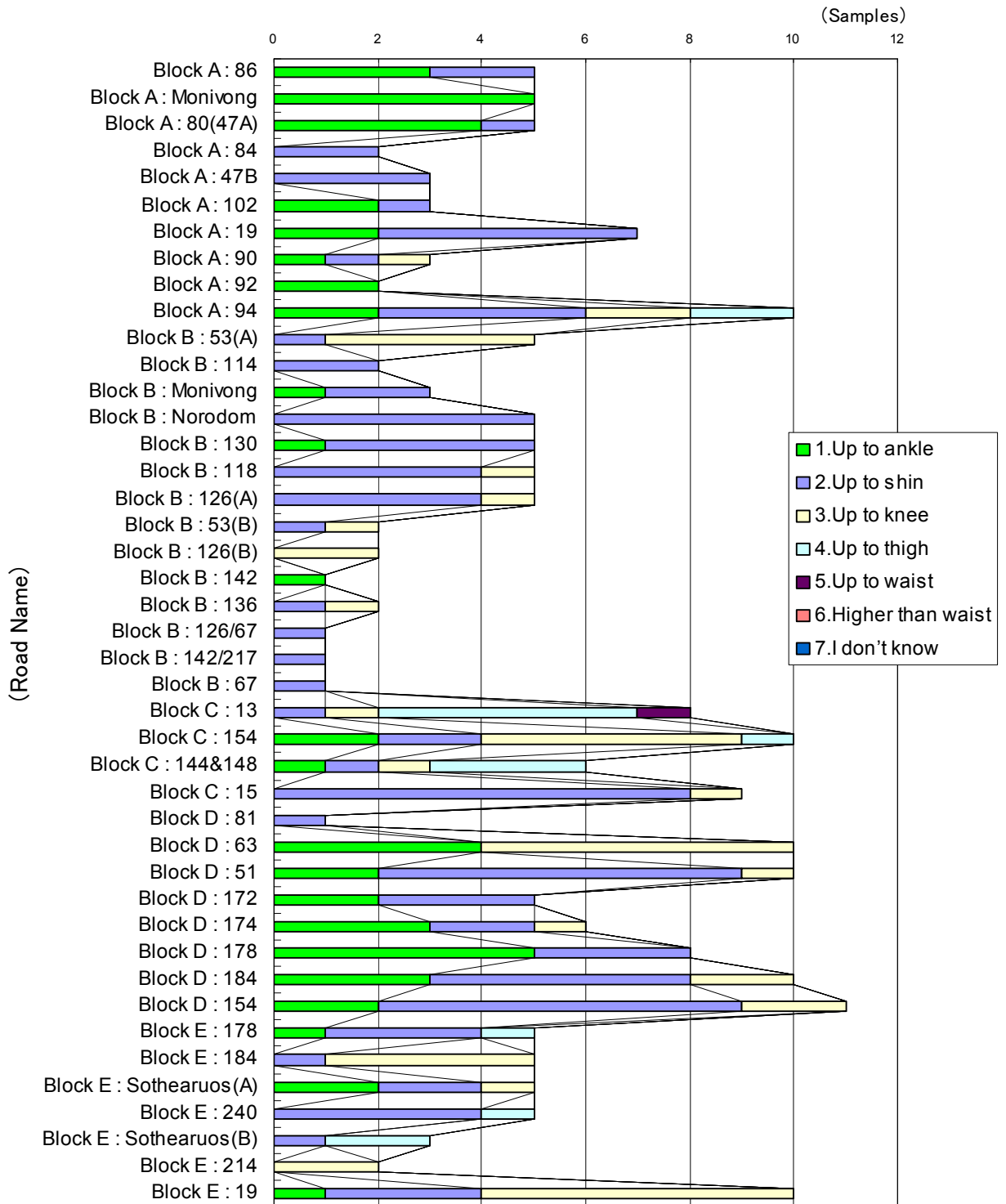


Figure 5.2 (5/8) Inundation Depth in North Area (Number of Samples)

Question No.11 If "Question No.9 answer Yes",  
how deep was the flooding?

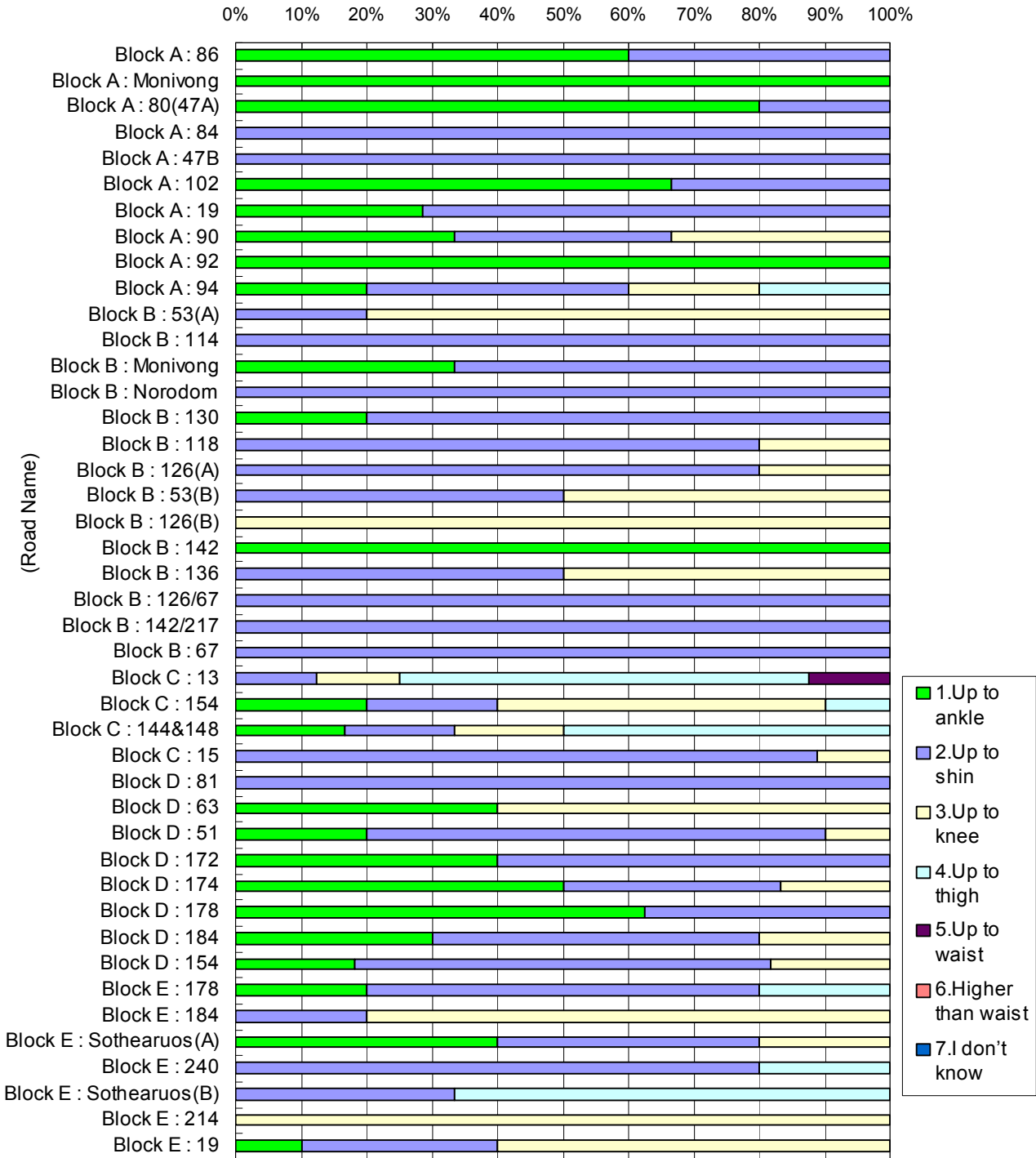


Figure 5.2 (6/8) Inundation Depth in North Area (Percentage)

Question No.12 If "Question No.9 answer Yes",  
how long was the flooding?

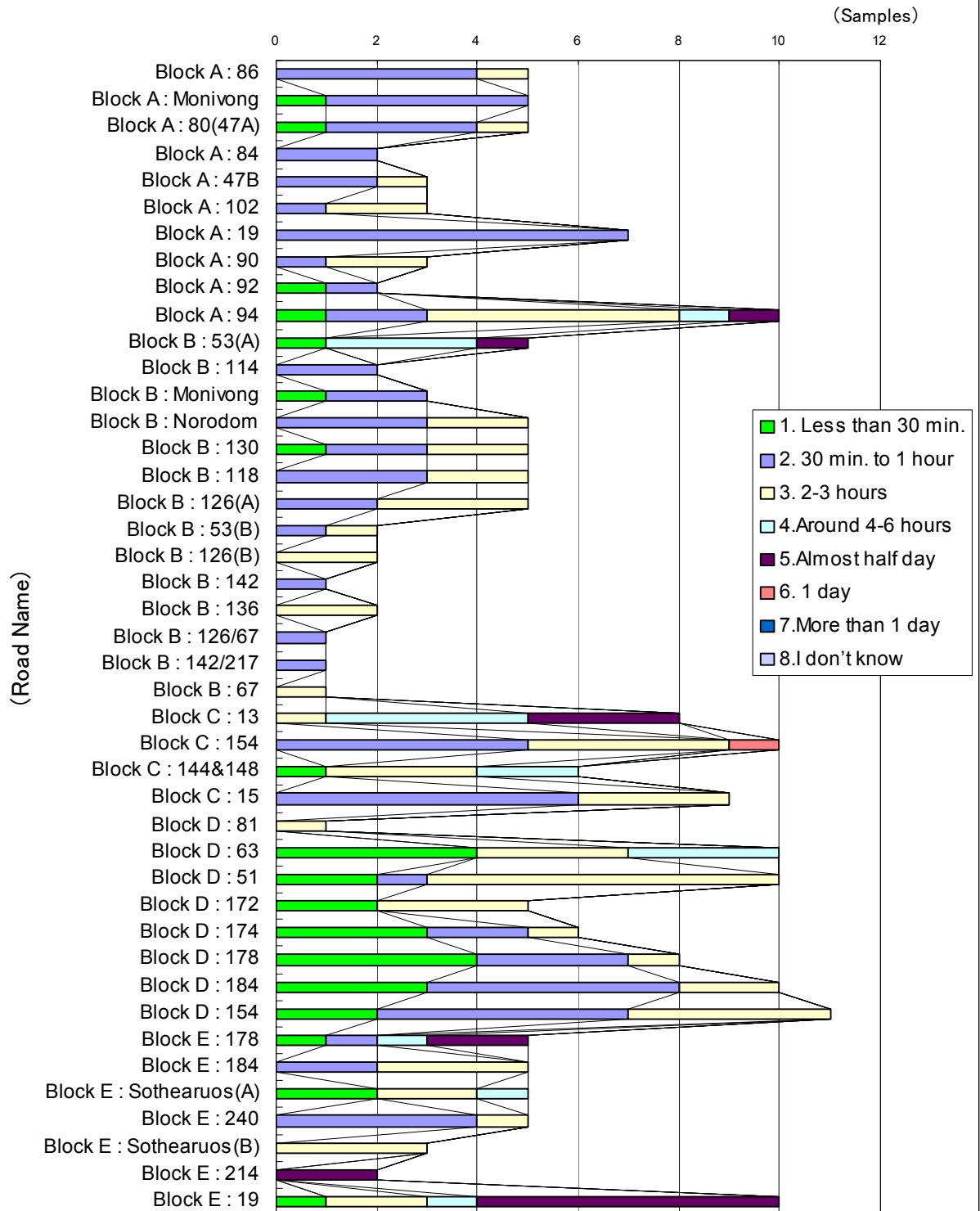


Figure 5.2 (7/8) Inundation Time in North Area (Number of Samples)

Question No.12 If "Question No.9 answer Yes",  
how long was the flooding?

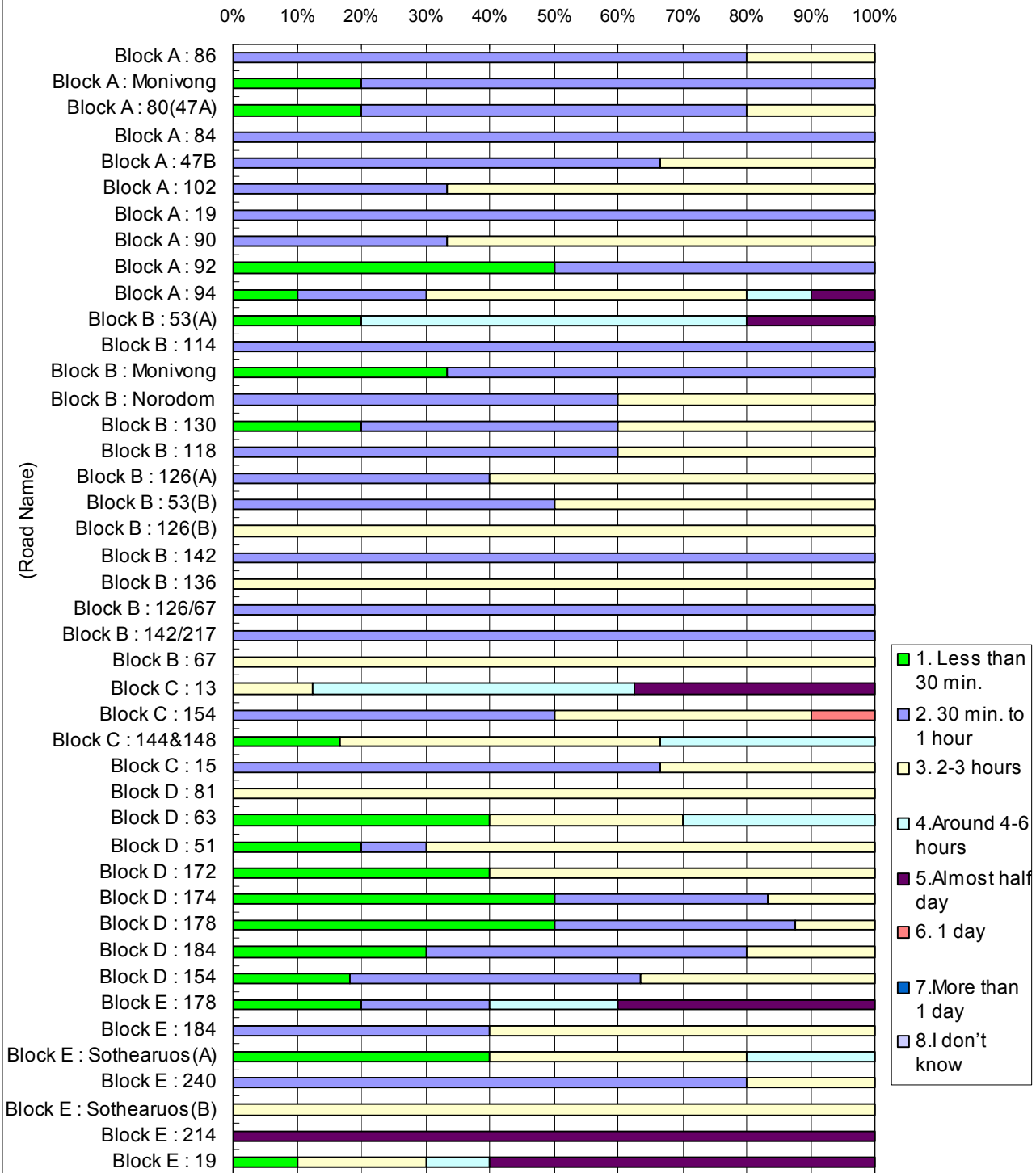


Figure 5.2 (8/8) Inundation Time in North Area (Percentage)



