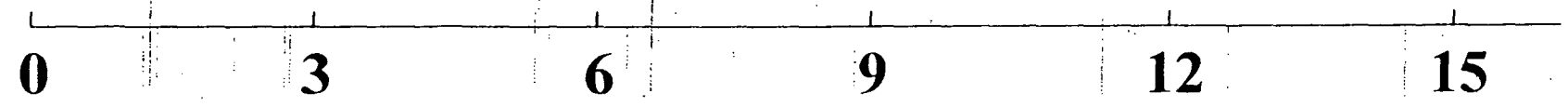


8-41
Crystal Cove
Creek

224

Thousands of feet north of SAR



TC (Total coliform)		OK	
FC (Fecal coliform)		V	
Ent (Enterococcus)		V	
Posting		↔	(+/- 500')
Scenario 1: Box 17			

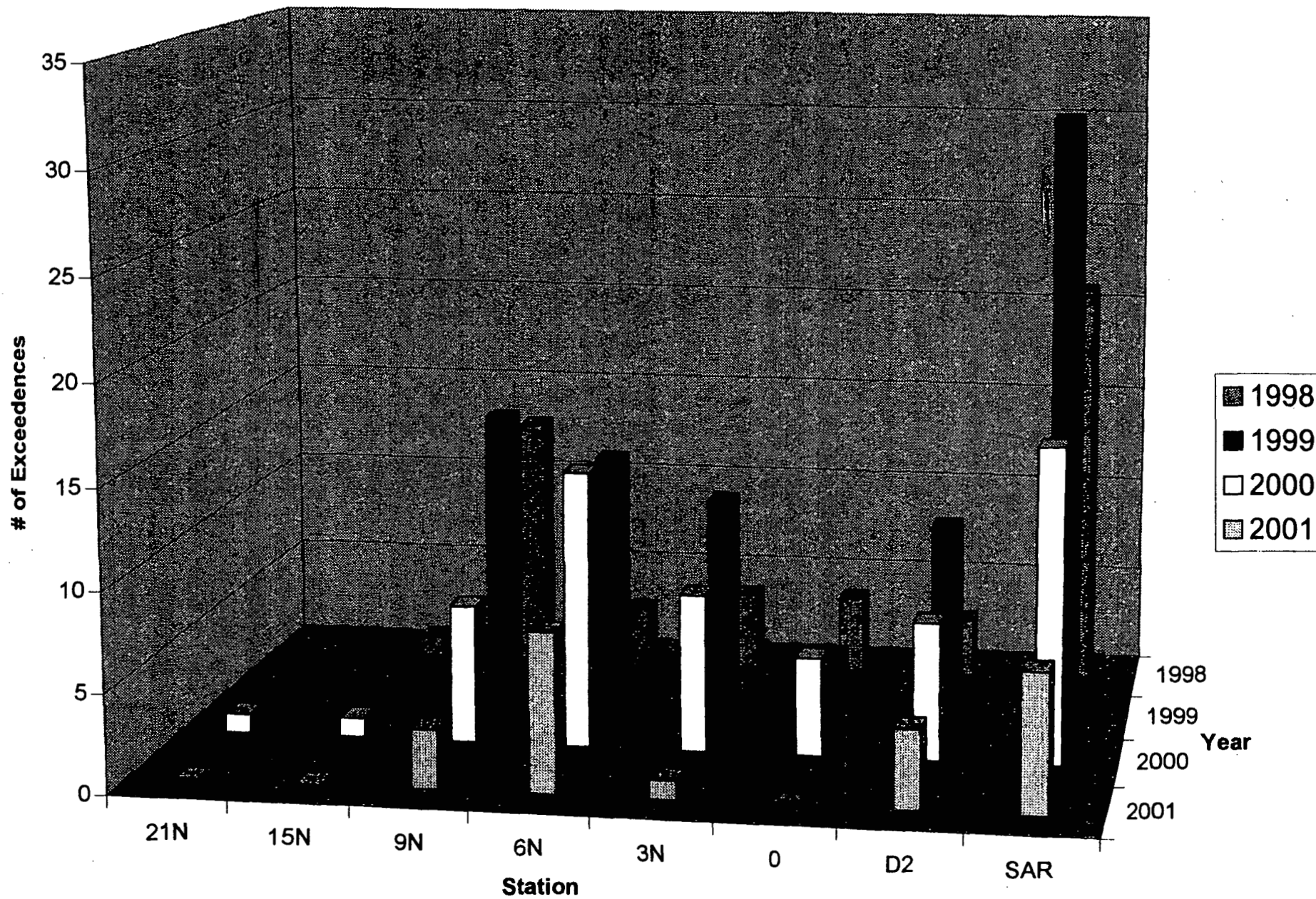
TC	OK	OK	
FC	V	V	
Ent	V	V	
Posting	2N	7N	(1000' buffer at endpoints)
Scenario 2: Box 22 (2), 24			

TC		OK		OK
FC		V		OK
Ent		V		V
Posting	(-1000' from 6N)	5N	Box 22(1)	12.5N (+500' from 12N)
Scenario 3: Box 22(1), 24				

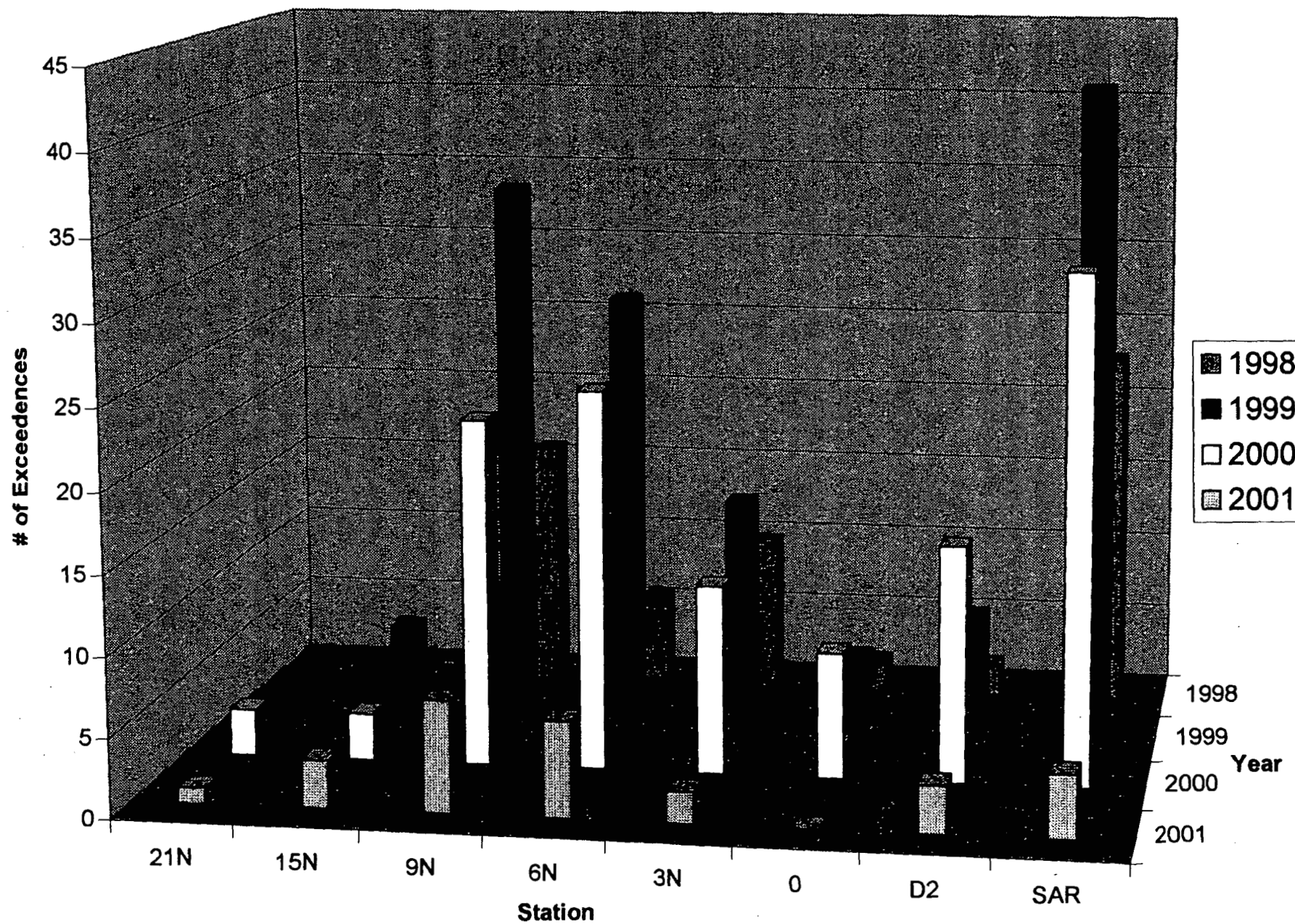
TC	OK	OK	
FC	V	OK	
Ent	V	V	
Posting	↔ (+/- 500')	↔ (+/- 150')	
Scenario 4: Box 23			

Blank= no violations; OK=no single sample standard violation; V=violation of single sample standard

Fecal Coliform Exceedences (>400) by Year



Enterococci Exceedences (>104) by Year



Orange County Data

Receiving Water Body	Parameter Name	Number of times above std.	Standard	Source of Standard
- Crystal Cove upstream	Fecal Coli	16/36 ^{30 day log means} 4	Rec 1	Basin Plan
"	"	13/36 ^{do not have enough samples}	"	"
- Buck Gully Creek	Fecal coli	13/56 ^{30 day log means}	Rec 1	Basin Plan
"	"	18/56 ^{do not have enough samples}	Rec 1	"
- El Morro Creek	Fecal coli	16/51 ^{30 day log means}	Rec 1	Basin Plan
"	"	9/51 ^{do not have enough samples}	"	"
- El Morro Creek upstream	Fecal coli	10/49 ^{30 day log means}	"	"
"	"	16/49 ^{do not have enough samples}	"	"
B	B		Rec 1	Basin Plan
Muddy Creek	Fecal Coli	11/54 ^{30 day log means and}	Rec 1	Basin Plan
"	"	18/54 ^{do not have enough samples}	"	"
		^{exceed, but}		

✓

[illegible]

✓

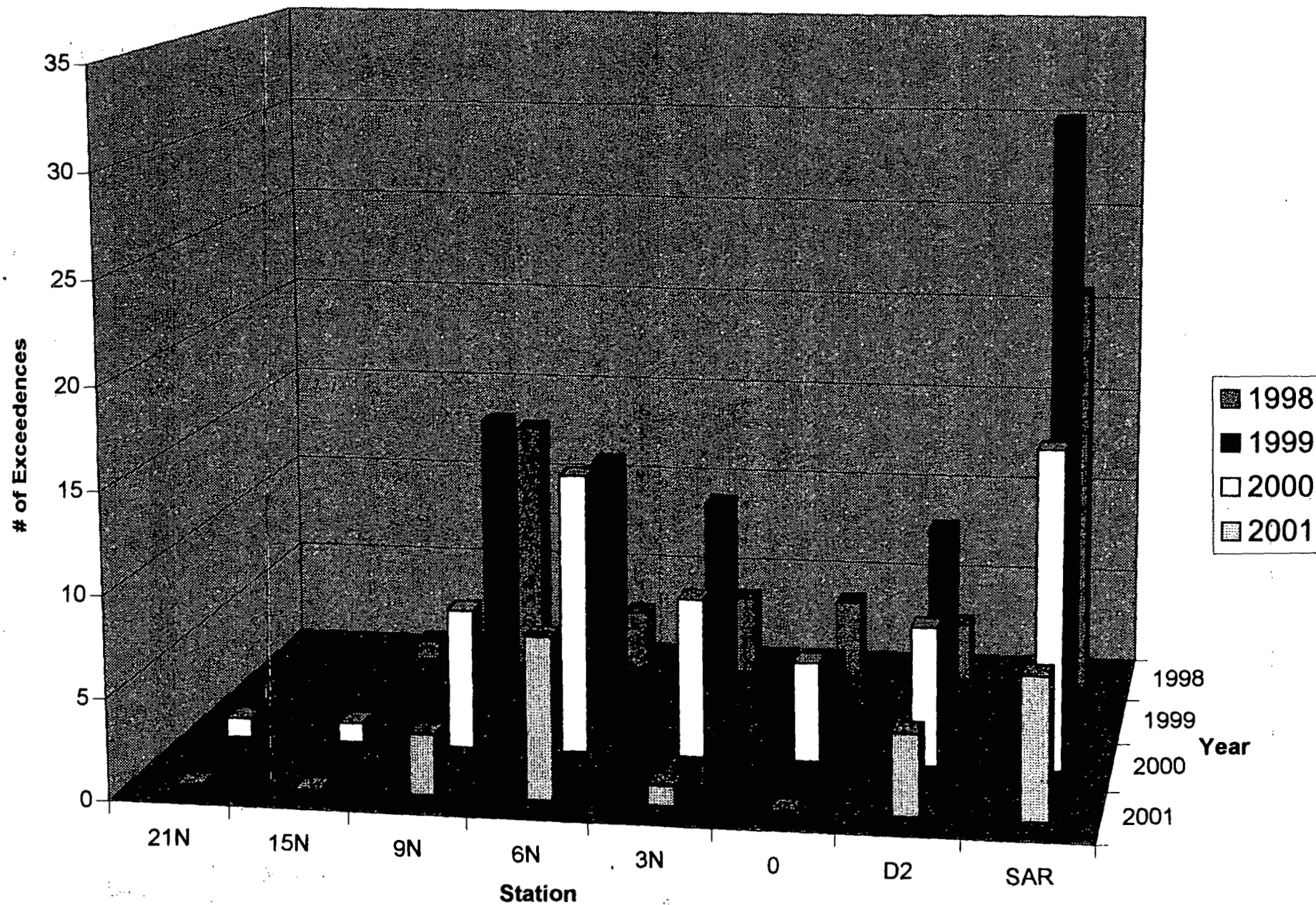
[illegible]

✓

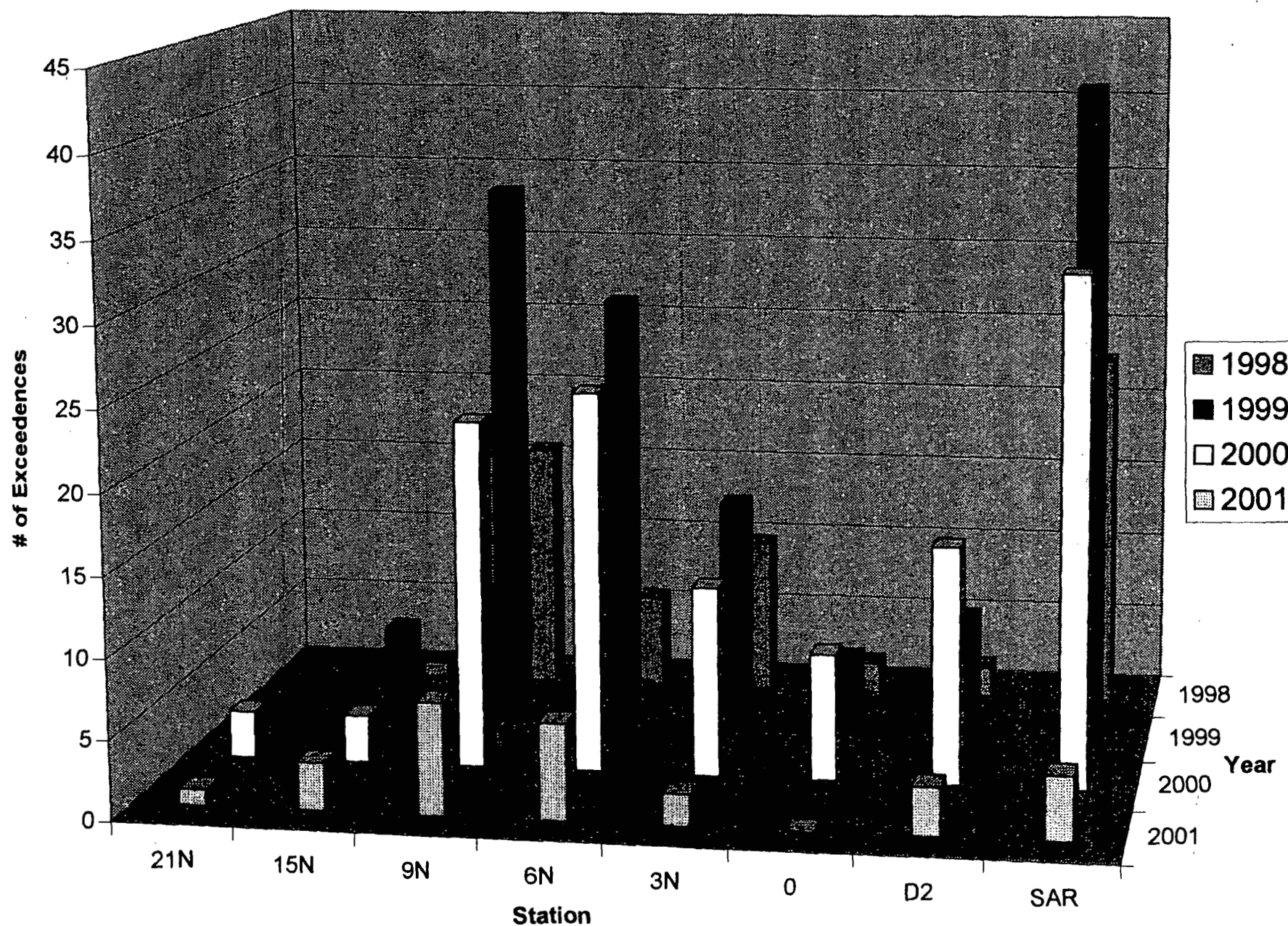
[illegible]

Crystal Cove 8-45
State Park

Fecal Coliform Exceedences (>400) by Year



Enterococci Exceedences (>104) by Year



Thousands of feet north of SAR

0 3 6 9 12 15

TC (Total coliform)		OK	
FC (Fecal coliform)		V	
Ent (Enterococcus)		V	
Posting		↔	(+/- 500')
Scenario 1: Box 17			

TC	OK	OK	
FC	V	V	
Ent	V	V	
Posting	2N	7N	(1000' buffer at endpoints)
Scenario 2: Box 22 (2), 24			

TC		OK		OK
FC		V		OK
Ent		V		V
Posting	(-1000' from 6N)	5N	Box 22(1)	12.5N (+500' from 12N)
Scenario 3: Box 22(1), 24				

TC	OK		OK
FC	V		OK
Ent	V		V
Posting	↔ (+/- 500')		↔ (+/- 150')
Scenario 4: Box 23			

Blank= no violations; OK=no single sample standard violation; V=violation of single sample standard