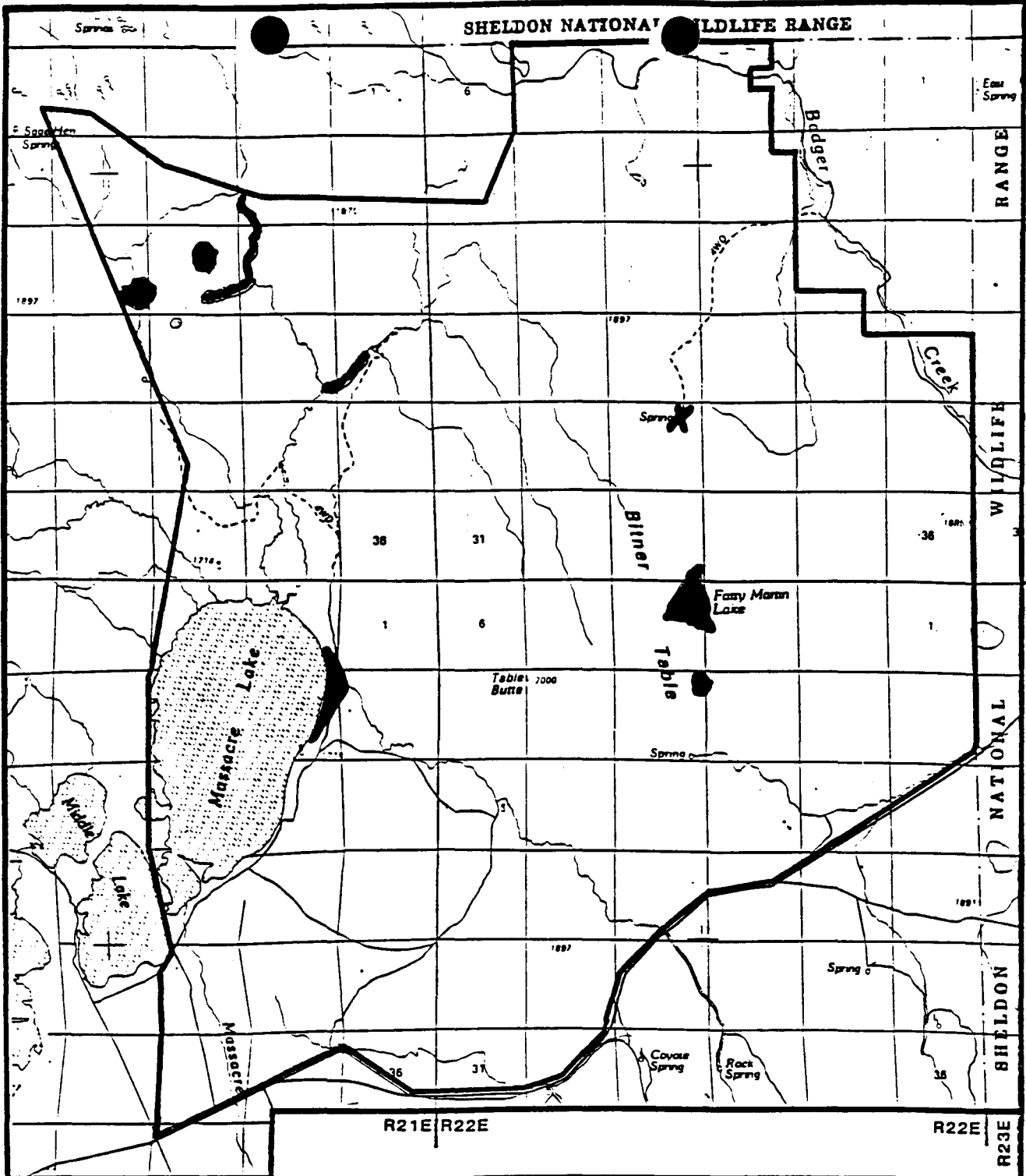






# ***APPENDIX 3***

***RIPARIAN AREA FORAGE PRODUCTION***

***AND***

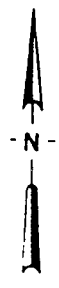
***WILD HORSE DEMAND FOR RIPARIAN SPECIES***



-  Herd Management Area Boundary
-  Creek Side Riparian Areas
-  Spring Meadow Riparian Areas
-  Lake Shore Riparian Areas






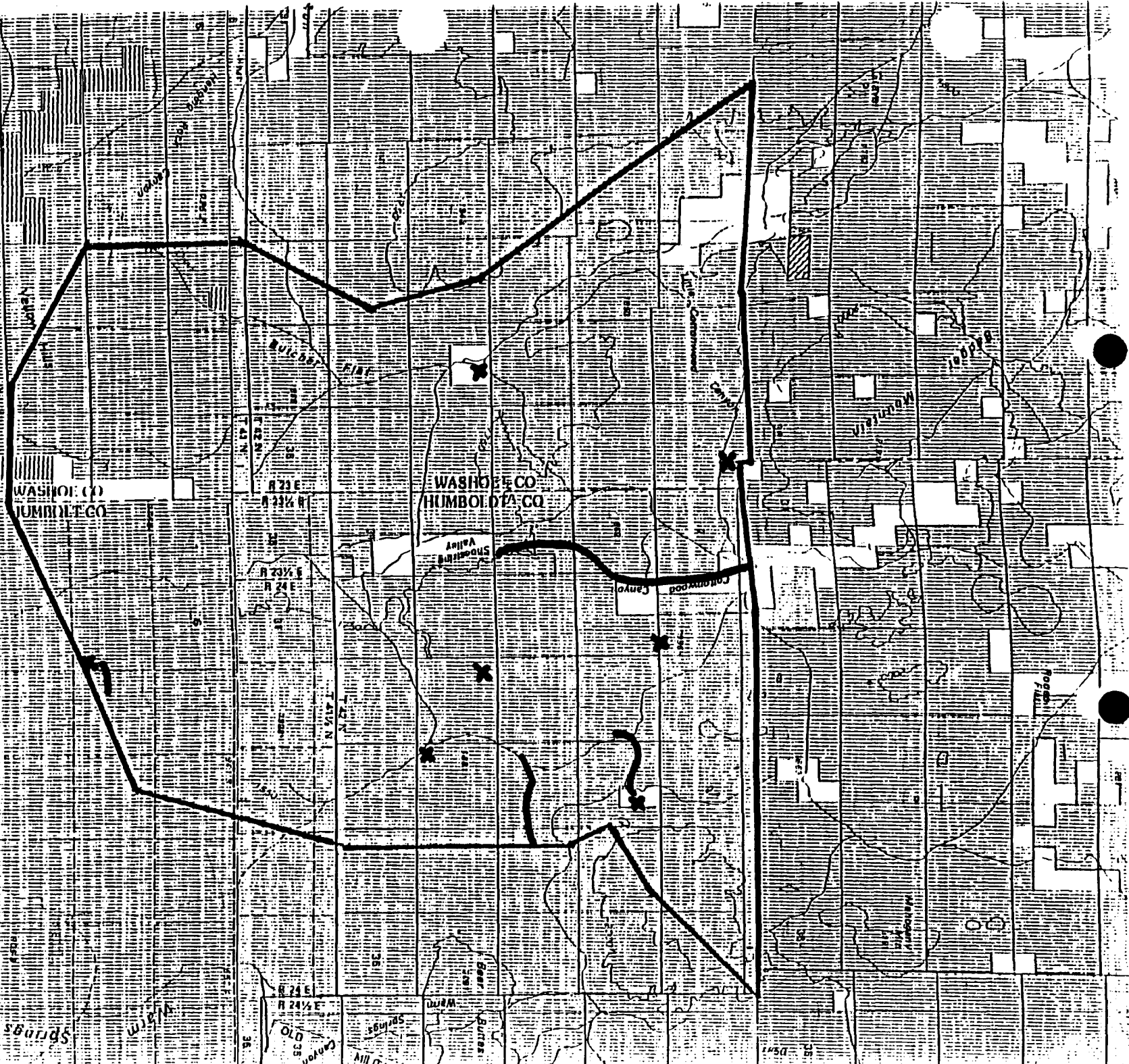
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CALIFORNIA STATE OFFICE  
HERD MANAGEMENT AREA  
**BITNER**



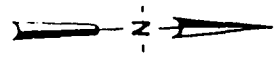




-  Herd Management Area Boundary
-  Creek Side Riparian Areas
-  Spring Meadow Riparian Areas



Nall Canyon HMA (CA-265)



## WILD HORSE DEMAND FOR RIPARIAN SPECIES

1 wild horse eats  
 1,000 pounds of forage/month  
x 4 months (April through July)  
 4,000 pounds of forage are consumed by each horse during the summer.

The wild horse food habits study on the Surprise Resource Area found that during the April through July period, on average, wild horse diets contained 49.1% riparian species.  
x.491  
 1,964 pounds of riparian forage is consumed by each horse during the summer.

	BITNER HMA	HIGH ROCK HMA East of Canyon Home Range	NUT MOUNTAIN HMA	WALL CANYON HMA
1992 Counts	40 horses	55 horses	52 horses	78 horses
Riparian Forage Demand (1,964# x N horses)	78,560 pounds	108,020 pounds	102,128 pounds	153,192 pounds
Recommended Minimum Number	15 horses	30 horses	30 horses	15 horses
Riparian Forage Demand (1,964# x N horses)	29,460 pounds	58,920 pounds	58,920 pounds	29,460 pounds
Recommended Maximum Number	25 horses	40 horses	55 horses	25 horses
Riparian Forage Demand (1,964# x N horses)	49,100 pounds	78,560 pounds	108,020 pounds	49,100 pounds
Riparian Forage Production	2,380 pounds - 354,380 pounds	311,400 pounds	17,290 pounds	23,800 pounds