



U.S.G.S.
FILE COPY
TOPOGRAPHIC DIVISION
USGS
Historical File
Topographic Division

Prepared under the direction of the Chief of Engineers by the Army Map Service (AMS), Corps of Engineers, Department of the Army, Washington, D. C. Compiled in 1947 from United States Quadrangles, 1:250,000, 1:125,000, U. S. Geological Survey, 1901-1945; Planimetric detail partially revised by photogrammetric methods. Aerial photography, 1940-45. Aeronautical data (except California), road and railroad data verified by state authorities, 1948. Control by U. S. Coast and Geodetic Survey.

LEGEND
ROAD DATA 1947

POPULATED PLACES
Small, less than 100,000
100,000 to 500,000
500,000 or over
BOSTON
RICHMOND
ALEXANDRIA

LEGEND
ROAD DATA 1947

Hard surface, heavy duty road, more than two lanes wide
Hard surface, heavy duty road, two lanes wide
Hard surface, medium duty road, more than two lanes wide
Hard surface, medium duty road, two lanes wide
Loose surface, graded and drained road
Dirt road; Trail
Old Dominion
Stowell

RAILROADS
Standard gauge
Single track
Multiple track
Narrow gauge
Mine

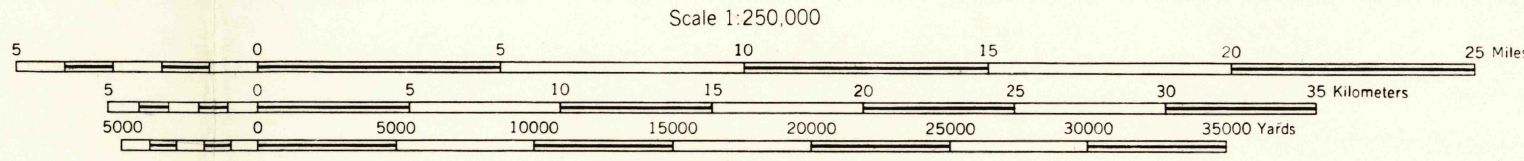
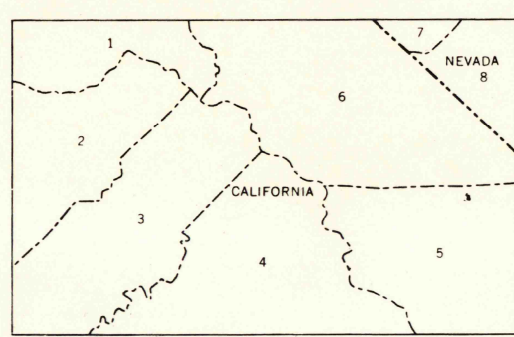
BOUNDARIES
Principal navigation light
Military airfield
County
Park and reservation
Horizontal control point
Spot elevation in feet

Falls, Rapids
Intermittent stream
Swamp, marsh
Reef, Limit of danger line
Rocks awash; Wharf, pier
Foresore flats

SECTIONIZED TOWNSHIP

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

INDEX TO BOUNDARIES

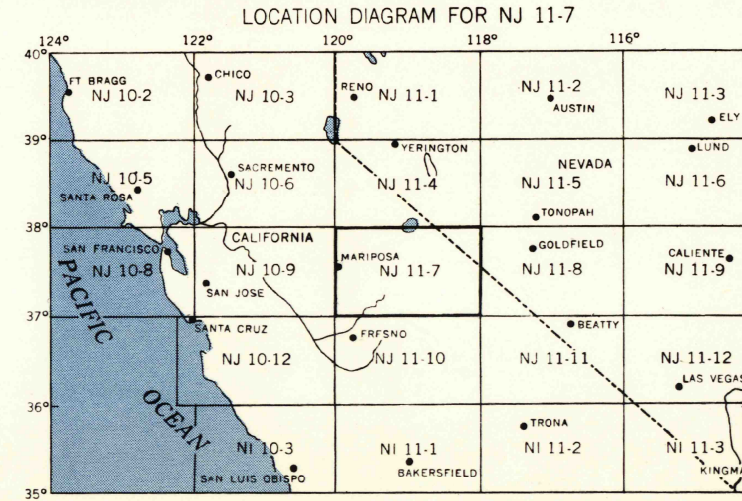


CONTOUR INTERVAL 500 FEET
DATUM IS MEAN SEA LEVEL
TRANSVERSE MERCATOR PROJECTION
1927 NORTH AMERICAN DATUM

100,000-FOOT GRIDS BASED ON CALIFORNIA COORDINATE SYSTEM, ZONES 3 AND 4, AND NEVADA COORDINATE SYSTEM, WEST ZONE
1985 MAGNETIC DECLINATION FOR THIS SHEET VARIES FROM 14°30' EASTERLY FOR THE CENTER OF THE WEST EDGE TO 14°15' EASTERLY FOR THE CENTER OF THE EAST EDGE. MEAN ANNUAL CHANGE IS 5°0' WESTERLY.

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER 2, COLORADO OR WASHINGTON 25, D. C.

TOWNSHIP OR RANGE LINE
LAND GRANT BOUNDARY

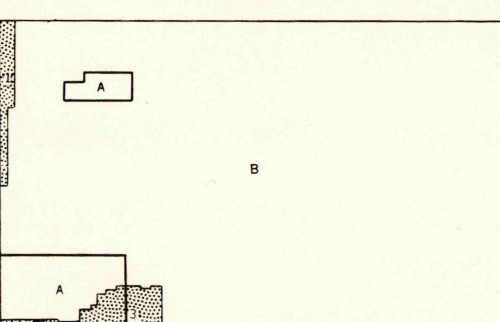


PRINTED BY U.S. ARMY MAP SERVICE, CORPS OF ENGINEERS, 2-57, 91261

U.S.G.S.
FILE COPY
TOPOGRAPHIC DIVISION

USGS
Historical File
Topographic Division

COVERAGE DIAGRAM



COMPILED METHODS
A. Large scale topographic map, 1938-45, reliability good.
B. Medium scale topographic map, 1901-37, reliability fair.
C. Aerial photograph, 1945-46, 1947-48, 1949-50, 1951-52, 1953-54, 1955-56, 1957-58, 1959-60, 1961-62, 1963-64, 1965-66, 1967-68, 1969-70, 1971-72, 1973-74, 1975-76, 1977-78, 1979-80, 1981-82, 1983-84, 1985-86, 1987-88, 1989-90, 1991-92, 1993-94, 1995-96, 1997-98, 1999-00, 2001-02, 2003-04, 2005-06, 2007-08, 2009-10, 2011-12, 2013-14, 2015-16, 2017-18, 2019-20, 2021-22, 2023-24, 2025-26, 2027-28, 2029-30, 2031-32, 2033-34, 2035-36, 2037-38, 2039-40, 2041-42, 2043-44, 2045-46, 2047-48, 2049-50, 2051-52, 2053-54, 2055-56, 2057-58, 2059-60, 2061-62, 2063-64, 2065-66, 2067-68, 2069-70, 2071-72, 2073-74, 2075-76, 2077-78, 2079-80, 2081-82, 2083-84, 2085-86, 2087-88, 2089-90, 2091-92, 2093-94, 2095-96, 2097-98, 2099-00, 2101-02, 2103-04, 2105-06, 2107-08, 2109-10, 2111-12, 2113-14, 2115-16, 2117-18, 2119-20, 2121-22, 2123-24, 2125-26, 2127-28, 2129-30, 2131-32, 2133-34, 2135-36, 2137-38, 2139-40, 2141-42, 2143-44, 2145-46, 2147-48, 2149-50, 2151-52, 2153-54, 2155-56, 2157-58, 2159-60, 2161-62, 2163-64, 2165-66, 2167-68, 2169-70, 2171-72, 2173-74, 2175-76, 2177-78, 2179-80, 2181-82, 2183-84, 2185-86, 2187-88, 2189-90, 2191-92, 2193-94, 2195-96, 2197-98, 2199-00, 2201-02, 2203-04, 2205-06, 2207-08, 2209-10, 2211-12, 2213-14, 2215-16, 2217-18, 2219-20, 2221-22, 2223-24, 2225-26, 2227-28, 2229-30, 2231-32, 2233-34, 2235-36, 2237-38, 2239-40, 2241-42, 2243-44, 2245-46, 2247-48, 2249-50, 2251-52, 2253-54, 2255-56, 2257-58, 2259-60, 2261-62, 2263-64, 2265-66, 2267-68, 2269-70, 2271-72, 2273-74, 2275-76, 2277-78, 2279-80, 2281-82, 2283-84, 2285-86, 2287-88, 2289-90, 2291-92, 2293-94, 2295-96, 2297-98, 2299-00, 2301-02, 2303-04, 2305-06, 2307-08, 2309-10, 2311-12, 2313-14, 2315-16, 2317-18, 2319-20, 2321-22, 2323-24, 2325-26, 2327-28, 2329-30, 2331-32, 2333-34, 2335-36, 2337-38, 2339-40, 2341-42, 2343-44, 2345-46, 2347-48, 2349-50, 2351-52, 2353-54, 2355-56, 2357-58, 2359-60, 2361-62, 2363-64, 2365-66, 2367-68, 2369-70, 2371-72, 2373-74, 2375-76, 2377-78, 2379-80, 2381-82, 2383-84, 2385-86, 2387-88, 2389-90, 2391-92, 2393-94, 2395-96, 2397-98, 2399-00, 2401-02, 2403-04, 2405-06, 2407-08, 2409-10, 2411-12, 2413-14, 2415-16, 2417-18, 2419-20, 2421-22, 2423-24, 2425-26, 2427-28, 2429-30, 2431-32, 2433-34, 2435-36, 2437-38, 2439-40, 2441-42, 2443-44, 2445-46, 2447-48, 2449-50, 2451-52, 2453-54, 2455-56, 2457-58, 2459-60, 2461-62, 2463-64, 2465-66, 2467-68, 2469-70, 2471-72, 2473-74, 2475-76, 2477-78, 2479-80, 2481-82, 2483-84, 2485-86, 2487-88, 2489-90, 2491-92, 2493-94, 2495-96, 2497-98, 2499-00, 2501-02, 2503-04, 2505-06, 2507-08, 2509-10, 2511-12, 2513-14, 2515-16, 2517-18, 2519-20, 2521-22, 2523-24, 2525-26, 2527-28, 2529-30, 2531-32, 2533-34, 2535-36, 2537-38, 2539-40, 2541-42, 2543-44, 2545-46, 2547-48, 2549-50, 2551-52, 2553-54, 2555-56, 2557-58, 2559-60, 2561-62, 2563-64, 2565-66, 2567-68, 2569-70, 2571-72, 2573-74, 2575-76, 2577-78, 2579-80, 2581-82, 2583-84, 2585-86, 2587-88, 2589-90, 2591-92, 2593-94, 2595-96, 2597-98, 2599-00, 2601-02, 2603-04, 2605-06, 2607-08, 2609-10, 2611-12, 2613-14, 2615-16, 2617-18, 2619-20, 2621-22, 2623-24, 2625-26, 2627-28, 2629-30, 2631-32, 2633-34, 2635-36, 2637-38, 2639-40, 2641-42, 2643-44, 2645-46, 2647-48, 2649-50, 2651-52, 2653-54, 2655-56, 2657-58, 2659-60, 2661-62, 2663-64, 2665-66, 2667-68, 2669-70, 2671-72, 2673-74, 2675-76, 2677-78, 2679-80, 2681-82, 2683-84, 2685-86, 2687-88, 2689-90, 2691-92, 2693-94, 2695-96, 2697-98, 2699-00, 2701-02, 2703-04, 2705-06, 2707-08, 2709-10, 2711-12, 2713-14, 2715-16, 2717-18, 2719-20, 2721-22, 2723-24, 2725-26, 2727-28, 2729-30, 2731-32, 2733-34, 2735-36, 2737-38, 2739-40, 2741-42, 2743-44, 2745-46, 2747-48, 2749-50, 2751-52, 2753-54, 2755-56, 2757-58, 2759-60, 2761-62, 2763-64, 2765-66, 2767-68, 2769-70, 2771-72, 2773-74, 2775-76, 2777-78, 2779-80, 2781-82, 2783-84, 2785-86, 2787-88, 2789-90, 2791-92, 2793-94, 2795-96, 2797-98, 2799-00, 2801-02, 2803-04, 2805-06, 2807-08, 2809-10, 2811-12, 2813-14, 2815-16, 2817-18, 2819-20, 2821-22, 2823-24, 2825-26, 2827-28, 2829-30, 2831-32, 2833-34, 2835-36, 2837-38, 2839-40, 2841-42, 2843-44, 2845-46, 2847-48, 2849-50, 2851-52, 2853-54, 2855-56, 2857-58, 2859-60, 2861-62, 2863-64, 2865-66, 2867-68, 2869-70, 2871-72, 2873-74, 2875-76, 2877-78, 2879-80, 2881-82, 2883-84, 2885-86, 2887-88, 2889-90, 2891-92, 2893-94, 2895-96, 2897-98, 2899-00, 2901-02, 2903-04, 2905-06, 2907-08, 2909-10, 2911-12, 2913-14, 2915-16, 2917-18, 2919-20, 2921-22, 2923-24, 2925-26, 2927-28, 2929-30, 2931-32, 2933-34, 2935-36, 2937-38, 2939-40, 2941-42, 2943-44, 2945-46, 2947-48, 2949-50, 2951-52, 2953-54, 2955-56, 2957-58, 2959-60, 2961-62, 2963-64, 2965-66, 2967-68, 2969-70, 2971-72, 2973-74, 2975-76, 2977-78, 2979-80, 2981-82, 2983-84, 2985-86, 2987-88, 2989-90, 2991-92, 2993-94, 2995-96, 2997-98, 2999-00, 3001-02, 3003-04, 3005-06, 3007-08, 3009-10, 3011-12, 3013-14, 3015-16, 3017-18, 3019-20, 3021-22, 3023-24, 3025-26, 3027-28, 3029-30, 3031-32, 3033-34, 3035-36, 3037-38, 3039-40, 3041-42, 3043-44, 3045-46, 3047-48, 3049-50, 3051-52, 3053-54, 3055-56, 3057-58, 3059-60, 3061-62, 3063-64, 3065-66, 3067-68, 3069-70, 3071-72, 3073-74, 3075-76, 3077-78, 3079-80, 3081-82, 3083-84, 3085-86, 3087-88, 3089-90, 3091-92, 3093-94, 3095-96, 3097-98, 3099-00, 3101-02, 3103-04, 3105-06, 3107-08, 3109-10, 3111-12, 3113-14, 3115-16, 3117-18, 3119-20, 3121-22, 3123-24, 3125-26, 3127-28, 3129-30, 3131-32, 3133-34, 3135-36, 3137-38, 3139-40, 3141-42, 3143-44, 3145-46, 3147-48, 3149-50, 3151-52, 3153-54, 3155-56, 3157-58, 3159-60, 3161-62, 3163-64, 3165-66, 3167-68, 3169-70, 3171-72, 3173-74, 3175-76, 3177-78, 3179-80, 3181-82, 3183-84, 3185-86, 3187-88, 3189-90, 3191-92, 3193-94, 3195-96, 3197-98, 3199-00, 3201-02, 3203-04, 3205-06, 3207-08, 3209-10, 3211-12, 3213-14, 3215-16, 3217-18, 3219-20, 3221-22, 3223-24, 3225-26, 3227-28, 3229-30, 3231-32, 3233-34, 3235-36, 3237-38, 3239-40, 3241-42, 3243-44, 3245-46, 3247-48, 3249-50, 3251-52, 3253-54, 3255-56, 3257-58, 3259-60, 3261-62, 3263-64, 3265-66, 3267-68, 3269-70, 3271-72, 3273-74, 3275-76, 3277-78, 3279-80, 3281-82, 3283-84, 3285-86, 3287-88, 3289-90, 3291-92, 3293-94, 3295-96, 3297-98, 3299-00, 3301-02, 3303-04, 3305-06, 3307-08, 3309-10, 3311-12, 3313-14, 3315-16, 3317-18, 3319-20, 3321-22, 3323-24, 3325-26, 3327-28, 3329-30, 3331-32, 3333-34, 3335-36, 3337-38, 3339-40, 3341-42, 3343-44, 3345-46, 3347-48, 3349-50, 3351-52, 3353-54, 3355-56, 3357-58, 3359-60, 3361-62, 3363-64, 3365-66, 3367-68, 3369-70, 3371-72, 3373-74, 3375-76, 3377-78, 3379-80, 3381-82, 3383-84, 3385-86, 3387-88, 3389-90, 3391-92, 3393-94, 3395-96, 3397-98, 3399-00, 3401-02, 3403-04, 3405-06, 3407-08, 3409-10, 3411-12, 3413-14, 3415-16, 3417-18, 3419-20, 3421-22, 3423-24, 3425-26, 3427-28, 3429-30, 3431-32, 3433-34, 3435-36, 3437-38, 3439-40, 3441-42, 3443-44, 3445-46, 3447-48, 3449-50, 3451-52, 3453-54, 3455-56, 3457-58, 3459-60, 3461-62, 3463-64, 3465-66, 3467-68, 3469-70, 3471-72, 3473-74, 3475-76, 3477-78, 3479-80, 3481-82, 3483-84, 3485-86, 3487-88, 3489-90, 3491-92, 3493-94, 3495-96, 3497-98, 3499-00, 3501-02, 3503-04, 3505-06, 3507-08, 3509-10, 3511-12, 3513-14, 3515-16, 3517-18, 3519-20, 3521-22, 3523-24, 3525-26, 3527-28, 3529-30, 3531-32, 3533-34, 3535-36, 3537-38, 3539-40, 3541-42, 3543-44, 3545-46, 3547-48, 3549-50, 3551-52, 3553-54, 3555-56, 3557-58, 3559-60, 3561-62, 3563-64, 3565-66, 3567-68, 3569-70, 3571-72, 3573-74, 3575-76, 3577-78, 3579-80, 3581-82, 3583-84, 3585-86, 3587-88, 3589-90, 3591-92, 3593-94, 3595-96, 3597-98, 3599-00, 3601-02, 3603-04, 3605-06, 3607-08, 3609-10, 3611-12, 3613-14, 3615-16, 3617-18, 3619-20, 3621-22, 3623-24, 3625-26, 3627-28, 3629-30, 3631-32, 3633-34, 3635-36, 3637-38, 3639-40, 3641-42, 3643-44, 3645-46, 3647-48, 3649-50, 3651-52, 3653-54, 3655-56, 3657-58, 3659-60, 3661-62, 3663-64, 3665-66, 3667-68, 3669-70, 3671-72, 3673-74, 3675-76, 3677-78, 3679-80, 3681-82, 3683-84, 3685-86, 3687-88, 3689-90, 3691-92, 3693-94, 3695-96, 3697-98, 3699-00, 3701-02, 3703-04, 3705-06, 3707-08, 3709-10, 3711-12, 3713-14, 3715-16, 3717-18, 3719-20, 3721-22, 3723-24, 3725-26, 3727-28, 3729-30, 3731-32, 3733-34, 3735-36, 3737-38, 3739-40, 3741-42, 3743-44, 3745-46, 3747-48, 3749-50, 3751-52, 3753-54, 3755-56, 3757-58, 3759-60, 3761-62, 3763-64, 3765-66, 3767-68, 3769-70, 3771-72, 3773-74, 3775-76, 3777-78, 3779-80, 3781-82, 3783-84, 3785-86, 3787-88, 3789-90, 3791-92, 3793-94, 3795-96, 3797-98, 3799-00, 3801-02, 3803-04, 3805-06, 3807-08, 3809-10, 3811-12, 3813-14, 3815-16, 3817-18, 3819-20, 3821-22, 3823-24, 3825-26, 3827-28, 3829-30, 3831-32, 3833-34, 3835-36, 3837-38, 3839-40, 3841-42, 3843-44, 3845-46, 3847-48, 3849-50, 3851-52, 3853-54, 3855-56, 3857-58, 3859-60, 3861-62, 3863-64, 3865-66, 3867-68, 3869-70, 3871-72, 3873-74, 3875-76, 3877-78, 3879-80, 3881-82, 3883-84, 3885-86, 3887-88, 3889-90, 3891-92, 3893-94, 3895-96, 3897-98, 3899-00, 3901-02, 3903-04, 3905-06, 3907-08, 3909-10, 3911-12, 3913-14, 3915-16, 3917-18, 3919-20, 3921-22, 3923-24, 3925-26, 3927-28, 3929-30, 3931-32, 3933-34, 3935-36, 3937-38, 3939-40, 3941-42, 3943-44, 3945-46, 3947-48, 3949-50, 3951-52, 3953-54, 3955-56, 3957-58, 3959-60, 3961-62, 3963-64, 3965-66, 3967-68, 3969-70, 3971-72, 3973-74, 3975-76, 3977-78, 3979-80, 3981-82, 3983-84, 3985-86, 3987-88, 3989-90, 3991-92, 3993-94, 3995-96, 3997-98, 3999-00, 4001-02, 4003-04, 4005-06, 4007-08, 4009-10, 4011-12, 4013-14, 4015-16, 4017-18, 4019-20, 4021-22, 4023-24, 4025-26, 4027-28, 4029-30, 4031-32, 4033-34, 4035-36, 4037-38, 4039-40, 4041-42, 4043-44, 4045-46, 4047-48, 4049-50, 4051-52, 4053-54, 4055-56, 4057-58, 4059-60, 4061-62, 4063-64, 4065-66, 4067-68, 4069-70, 4071-72, 4073-74, 4075-76, 4077-78, 4079-80, 4081-82, 4083-84, 4085-86, 4087-88, 4089-90, 4091-92, 4093-94, 4095-96, 4097-98, 4099-00, 4101-02, 4103-04, 4105-06, 4107-08, 4109-10, 4111-12, 4113-14, 4115-16, 4117-18, 4119-20, 4121-22, 4123-24, 4125-26, 4127-28, 4129-30, 4131-32, 4133-34, 4135-36, 4137-38, 4139-40, 4141-42, 4143-44, 4145-46, 4147-48, 4149-50, 4151-52, 4153-54, 4155-56, 4157-58, 4159-60, 4161-62, 4163-64, 4165-66, 4167-68, 4169-70, 4171-72, 4173-74, 4175-76, 4177-78, 4179-80, 4181-82, 4183-84, 4185-86, 4187-88, 4189-90, 4191-92, 4193-94, 4195-96, 4197-