

Locomotive and Caboose Usage Analysis for April 29, 1985

Compiled by Joe Atkinson

In order to build my layout's locomotive roster to the correct ratios, I did some analysis of a UP report from a typical day near the period I'm modeling (early 1980s).

UP SCHEDULED TRAINS - 4/29/85 (Does not include unit trains or extras)

All units UP unless otherwise noted * = Unit off-line (not under power)

Amtrak Train Units

AMT25-27 AMT F40PH 314 (other power not reported)
AMT25-28 AMT F40PH 295 (other power not reported)
AMT26-27 AMT F40PH 359 (other power not reported)
AMT26-28 AMT F40PH 320 (other power not reported)
AMT35-27 AMT F40PH 235 (other power not reported)
AMT35-28 AMT F40PH 292 (other power not reported)
AMT36-27 AMT F40PH 292 (other power not reported)
AMT36-28 AMT F40PH 251 (other power not reported)
AMT5-27 AMT F40PH 296 (other power not reported)
AMT5-28 AMT F40PH 365 (other power not reported)
AMT6-27 AMT F40PH 295 (other power not reported)
AMT6-28 AMT F40PH 372 (other power not reported)
Total - 12 units
AMT F40PH - 12 (100%)

UP Symbol, Locomotive Units, (Caboose) if any

APLSE-27 SD40-2 3600/C30-7 2421/SD40-2 3596/3551/3356
APLV-27 SD40-2 3309/3165/CNW GP50 5097/U30C 2930/C30-7 2525/SD40-2 3426
ASHB-26 SD40-2 3792/3608/3208/3765/SD40 3096/C30-7 2491 (WP 432)
ASHB-27 SD40-2 3188/3151/3625 (25405)
ASHB-28 C30-7 2456/U30C 2844/C30-7 2422 (25462)
ASHB-29 U30C 2932/C30-7 2515/SD40 3104 (25509)
ASPF-27 SD40-2 3111/U30C 2904/C30-7 2412/2493/SD40-2 3277 (25483)
ASPX-27 SD40-2 3633/3296/3638/3790 (CNW 11097)
ASPX-28 SD40-2 3622/3680/3647
ASPX-29 SD40-2 3606/3624 (MP 13918)

BHZ-28 SD40-2 3311/3535 (MP 13519)
01BK-28 SD40-2 3558/U30C 2923/NS SD40-2 6133 (25836)
BKS-28 SD40-2 3669/3419 (25642)
BSN-28 U30C 2911/2918/SD40-2 3130 (MP 13530)

CBV-28 C30-7 2537/CNW GP50 5096/CNW GP50 5063/SD40-2 3460 (25267)
CBV-29 SD40-2 3137/CNW GP50 5052/CR SD40-2 6373 (25873)
01CLS-26 SD40-2 3556/3610/3805 (25826)
01CLS-27 SD40-2 3763/3492/3516

CLS-28 SD40-2 3698/SP SD40T-2 8269/SP SD40E 7327/SSW SD45 9065

DEVRG-28 SD40-2 3757/3433/DRGW SD40T-2 5352 (25894)

HKB-25 SD40-2 3746/3322/U30C 2921/C30-7 2504 (MP 13778)

HKB-26 C30-7 2511/U30C 2943/C30-7 2451 (MP 13019)

HLA-24 C30-7 2523/NS SD45 1784/NS SD40-2 1628

HLA-26 SD40-2 3783/C30-7 2513/SP SD40E 7384/C30-7 2489

01HLA-26 SD40-2 3666/3368/3570/3738 (25534)

HLA-27 U30C 2894/SD40-2 3479/3230* (25546)

HLA-28 SD40-2 3406/3632/3751/3545 (25602)

02HLA-28 SD40-2 3564/3280/U30C 2885/SD40-2 3162

KCV-27 SD40-2 3429/NS GP40 1355/NS SD45 1726 (25894)

KCV-28 C30-7 2453/U30C 2920 (MP 13805)

KSX-27 U30C 2915/NW C30-7 8022/MP GP38-2 2011 (MP 13048)

KSX-28 SD40-2 3626/3724/3752 (MP 13874)

LAB-26 SD40-2 3254/3528/3626/3787/SP GP20 4063

LAB-27 SD40-2 3463/3487/3266 (SP 1845)

LAB-28 SD40-2 3704/3655/CNW SD40-2 6870/SD40-2 3287*/3554*

LAB-29 SD40-2 3696/NS SD40-2 1628//NS SD45 1784

LADEX-27 SD40-2 3575/3388/3770 (MP 13830)

LAPC-26 SD40-2 3590/3451/3582 (25720)

LAPC-27 SD40-2 3712/3764/3714/3179/SD40 3101

LAPC-28 SD40-2 3507/3486/3387/3589

LAWST-26 SD40-2 3273

LAWST-27 SD40-2 3768/3796/3749

LAWST-28 SD40-2 3610/3556/3806/3308/3174*/3595*/3373*/3580*

LAX-27 SD40-2 3789/SD40 3105/SD40-2 3447/3281/3410 (25888)

MILP-28 SD40-2 3470/MP SD40-2 3137/GP30 823 (25892)

01NCP-25 SD40 3085/SD40-2 3271 (25571)

NCF-26 C30-7 2467/SD40-2 3270/C30-7 2475/SD40-2 3774 (25849)

01NCF-26 C30-7 2475/SD40-2 3270 (25623)

NCF-27 SD40-2 3450/3302/MKT SD40-2 605/UP GP38-2 2028 (25710)

NCF-28 SD40-2 3415/3380/3691 (25476)

NMI-28 SD40-2 3743/3235/3464/3389

NMI-29 SD40-2 3377/3296/3790/3528

NPBIA-28 CNW GP50 5099/CR SD40-2 6411/CR SD40-2 6385 (CNW 10998)

NPPTA-28 SD40-2 3365

NPWCV-28 CNW GP50 5096/CNW GP50 5063/SD40-2 3571 (CNW 11097)

NSB-27 SD40-2 3430/C30-7 2522/SD40-2 3326 (MP 13848)

01NSB-27 SD40-2 3462/C30-7 2535/SD40-2 3660 (MP 13775)

OAWST-26 U30C 2888 (CNW 10951)

OAWST-27 SD40-2 3301/CNW SD40-2 6904/SD40-2 3787/3254 (CNW 11029)

02OMN-26 SD40-2 3606/3574 (25501)

01OMN-27 SD40-2 3339/3476/3598 (25848)

02OMN-27 SD40-2 3515/3354 (25844)

01OMN-28 SD40-2 3576/3562
02OMN-28 SD40-2 3384/3683/3169/3723
02OMW-26 SD40-2 3611 (other power not reported)
OMW-27 SD40-2 3376/3548/3378/C30-7 2445
OMW-28 SD40-2 3741/3445/3546/3187 (25731)

PRNPA-28 CNW GP50 5082/CNW GP50 5075 (CNW 10960)
PRNPT-28 CNW GP50 5054/SD40-2 3681 (CNW 10366)
PRNPV-28 CNW GP50 5065/SD40-2 3292 (CNW 11175)
PSA-28 SD40-2 3438/3334/3781 (25633)
PSV-26 SD40-2 3182/U30C 2872/C30-7 2527/SD40-2 3171/3496 (24567)
PSV-27 SD40-2 3328/3414
PSV-28 SD40-2 3347/3133/3677/3207

RGNP-28 SD40 3056/3013/SW10 1267 (25810)
RV-25 C30-7 2469/SSW SD45-2 9371/SP SD45-2 9332 (SP 1829)

SBZ-27 SD40-2 3411/NS SD35 1572/MKT SD40-2 612/MP GP38-2 2066 _(13606) _SCH-26 SD40-2 3609/SP SD45-2 9229/SD40-2 3239 (25643) _SCH-27 SD40-2 3359/C30-7 2409/SD40 3097 (25660)
_SCH-28 SD40-2 3393/3244/C30-7 2517/SD40-2 3364 (25175) _SEALE-26 CNW GP50 5086/CR SD40 6336/CR SD40-2 6463 (25590) _SEALW-26 SD40-2 3363/3635 (24508) _SEWST-25 U30C 2942
_SEWST-26 SD40-2 3147/CNW SD40-2 6891/CNW SD45 6514/CNW SD40-2 6865 (25651) _SEWST-27 SD40-2 3500/3453 _SHB-24 SD40-2 3794/3555/3199/3599 (25323) _SHB-25 SD40-2 3357/3278/3330 (25881) _SHB-26 SD40-2 3690/3149/CNW SD40-2 6833 (25437) _SHB-27 SD40-2 3203/SP SD45-2 9310/SP SD45E 7498 (25825) _SMU-26 SD40-2 3677/3347/C30-7 2495 (MP 13084) _SMU-27 SD40-2 3217/C30-7 2476/2524 (25426) _SPX-26 SD40 3116/SD40-2 3141/C30-7 2500/SD40-2 3327/3361/3799 (MP 13811) _SPX-27 SD40-2 3795/3483/3489/3338 _SPX-28 SD40-2 3598/3476/3339 _SUPRV-26 SD40-2 3387/3486/3507 _SUPRV-27 C30-7 2408/SD40-2 3177/3719/3613/3248 _SUPRV-28 SD40-2 3716/C30-7 2526/SD40-2 3399/3180/3460

TC3-27 SD40-2 3560/C30-7 2497/SD40-2 3207 (25457)
TC3-28 U30C 2912/2859/NS SD40-2 6094 (25228)
TC4-27 SD40-2 3193/NS SD45 1756/NS SD35 1558/MP GP38-2 2010 (25677)
TC4-28 SD40-2 3744/NS GP40 1355/NS SD45 1726 (25629)

UMS-27 SD40-2 3490/3404/3272/3320 (MP 13919)
UMS-28 SD40-2 3746/3322/MP SD40-2 3198 (25881)

VAN-27 SD40-2 3488/CNW SD40-2 6920/CNW SD40-2 6880/SD40-2 3652
VAN-28 SD40-2 3732/3568/3434/CNW SD40-2 6816/SD40-2 3191

WPV-26 SD40-2 3759/3775/3480
01WPV-27 SD40-2 3499/3213/3416
02WPV-27 SD40-2 3566/3474/3657/3253
WPX-26 SD40-2 3756/U30C 2879/SD40-2 3300/3716 (24528)
WPX-27 SD40-2 3636/3276/3342/3797/C30-7 2519
02WPX-27 SD40-2 3385/SP SD40T-2 8259/SD40-2 3649 (25895)
WPX-28 SD40-2 3468/3697/3788/3654/3593/3181/3532/3321
WSLAV-28 SD40-2 3377/CNW GP50 5080/CNW GP50 5067/CR SD40 6269 (CNW 10921)

Locomotive counts (and percentage of total (384))

UP SW10 - 1 (<1%)

UP GP30 - 1 (<1%)

UP GP38-2 - 1 (<1%)

UP C30-7 - 34 (9%)

UP U30C - 19 (5%)

UP SD40 - 10 (3%)

UP SD40-2 - 256 (67%) (Note - 101 out of 113 trains (89%) had a UP SD40-2 in the consist) UP total - 322 (84%)

MP GP38-2 - 3 (<1%)

MP SD40-2 - 2 (<1%)

MP total - 5 (1%)

CNW GP50 - 14 (4%)

CNW SD45 - 1 (<1%)

CNW SD40-2 - 8 (2%)

CNW total - 23 (6%)

CR SD40 - 2 (<1%)

CR SD40-2 - 4 (1%)

CR total - 6 (1%)

DRGW SD40T-2 - 1 (<1%)

MKT SD40-2 - 2 (<1%)

NW C30-7 - 1 (<1%)

NS GP40 - 2 (<1%)

NS SD35 - 2 (<1%)

NS SD40-2 - 4 (1%)

NS SD45 - 5 (1%)

NW/NS total - 14 (4%)

SP/SSW GP20 - 1 (<1%)

SP/SSW SD40E - 2 (<1%)

SP/SSW SD45 - 1 (<1%)

SP/SSW SD45E - 1 (<1%)

SP/SSW SD40T-2 - 2 (<1%)

SP/SSW SD45-2 - 4 (1%)

SP/SSW total - 11 (3%)

Total Locomotives - 384

Cabooses counts (and percentage of total (74))

UP CA4 - 1 (1%)
UP CA5 - 2 (3%)
UP CA6 - 1 (1%)
UP CA7 - 7 (9%)
UP CA8 - 6 (8%)
UP CA9 - 9 (12%)
UP CA10 - 3 (4%)
UP CA11 - 15 (20%)
UP CA13 - 3 (4%)
MP - 15 (20%)
WP - 1 (1%)
CNW - 9 (12%)
SP - 2 (3%)

Total Caboosees - 74