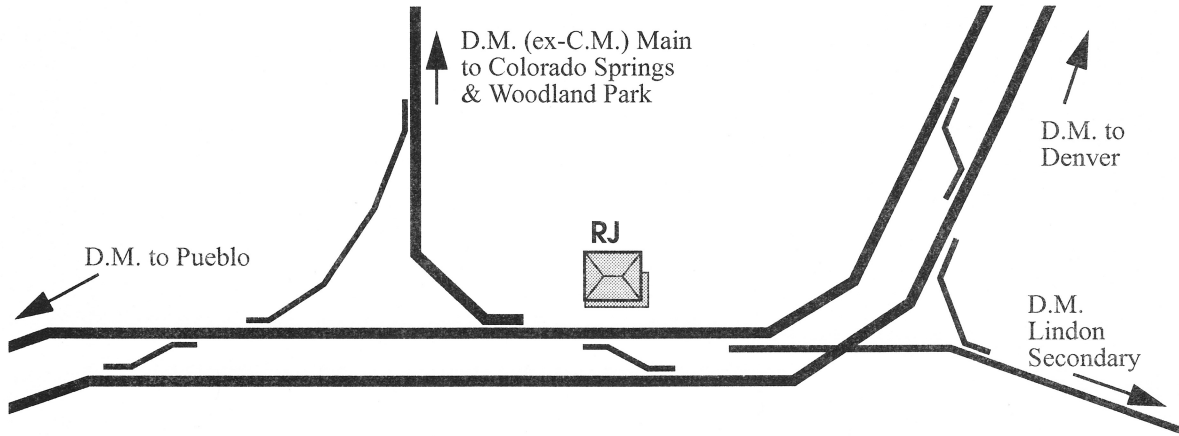


PUZZLE #12 — REDWING JUNCTION

The Denver Midland tower at Redwing Junction controls 12 track switches that route trains over three lines: the Denver-Pueblo main line; the D.M. secondary route to Lindon; and the ex-Colorado Midland line to Woodland Park via Colorado Springs.



As the third-trick (midnight to 8:00 a.m.) operator at RJ tower, your work (aligning switches to send trains onto different routes) is usually light, with the trains' schedules spread out over the length of your shift. Last night, however, a series of flash floods resulted in bridges being washed out on several lines. Trains from four different railroads were delayed and detoured over our tracks, and all of them (along with one D.M. train) came through your plant between 1 and 3 a.m. Each train had a different consist, different motive power, and a different destination. From the information provided, determine the time (1:31, 2:01, 2:26, 2:31, or 2:51 a.m.) each train arrived at the junction, its consist (one was a train of deadhead Pullman cars), the locomotive on the head end (one was a 4-8-2), and the train's destination (one was en route to Denver).

1. The train of coaches passed the tower just before the train whose consist was all express reefers and just after the train pulled by a 4-8-4. None of these trains went to Lindon.
2. A Rock Island R.R. train of merchandise boxcars arrived 25 minutes after the train pulled by a 2-10-2. Either the Rock Island train or the 2-10-2-powered train went to Lindon, and the other train went to Woodland Park.
3. The Colorado & Southern train arrived at the tower just after the train pulled by a Pacific (4-6-2) and just before the train of oil tank cars. None of these trains went to Lindon.
4. The Santa Fe 2-8-2 arrived with its train exactly 30 minutes after the C.B.&Q. train. One of these two trains was routed to Pueblo, and the other one went to Colorado Springs.
5. The train going to Pueblo arrived at the tower at 2:31 a.m.

(Answer on p. 24)

DENVER MIDLAND RAILWAY COMPANY REPORT OF TRAIN MOVEMENTS

Time	RR	Engine	Consist	Destination