

## 1. INPUT

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### *Input*

```
2 8 3 5 7 9 6
1 7
2 7
3 8
2 9
1 9
1 8
```

### *Output*

Duck Dodgers cannot reach the Illudium Phosdex, but Marvin the Martian can  
Marvin the Martian's path:  
3,5 - 4,5 - 5,5 - 6,6 - 6,7 - 7,8 - 7,9

## Maps

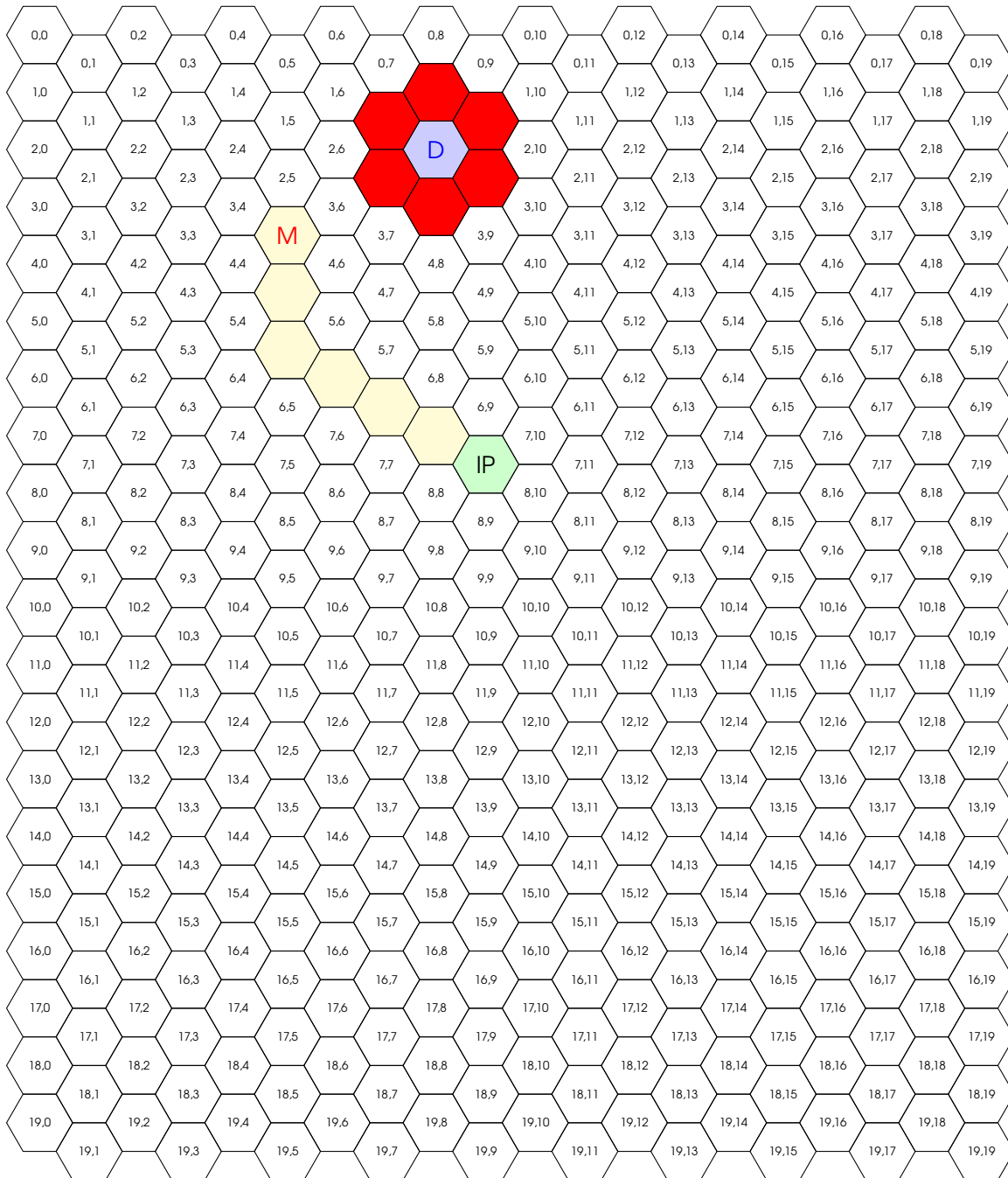


Figure 1: Map of Planet X