
Wellpy Documentation

Release 0.1

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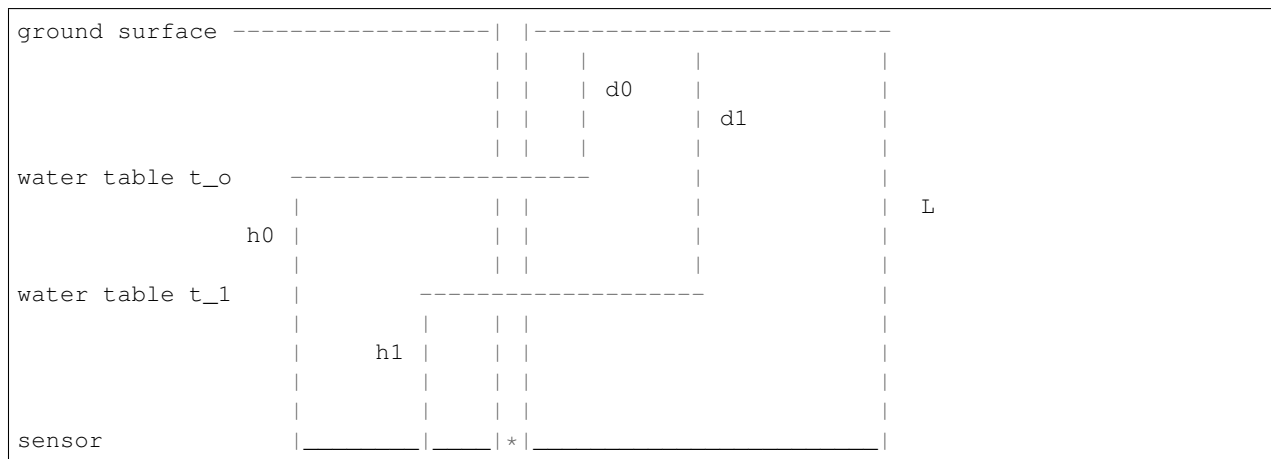
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CHAPTER 1

Depth To Water



$$d(t) = L - h \quad (1.1)$$

$$d(t) = l(t) - h \quad (1.2)$$

where $l(t)$

$$l(t) = L_0 + \frac{(L_1 - L_0)}{(t_1 - t_0)} * (t - t_0) \quad (1.3)$$

To calculate *depth_to_water* at a given time t use (1.1)

To calculate *depth_to_water* at a given time t and corrected for drift use (1.2)

Stored Procedures

GetPointIDsPython **parameters:** None

returns: PointID, DateInstalled, SerialNumber

GetWaterLevelsPython **parameters:** PointID *str*, DateMeasuredStart *datetime = null*, DateMeasuredEnd *datetime = null*

returns: WellID *str*, PointID *str*, DateMeasured *datetime*, DepthToWaterBGS *float*, LevelStatus *bool?*

GetWaterLevelsContinuousPython **parameters:** PointID *str*, DateMeasuredStart *datetime = null*, DateMeasuredEnd *datetime = null*, QCed *bit = null*

returns: WellID *str*, PointID *str*, WaterHead *float*, WaterHeadAdjusted *float*, DepthToWaterBGS *float*, DateMeasured *datetime*

CHAPTER 3

Indices and tables

- `genindex`
- `modindex`
- `search`