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    sal            =    table2array(sal_table);
    mbar           =    table2array(mbar_table);
    temp           =    table2array(temp_table);
    dmeter         =    table2array(dmeter_table);

% convert mbar to feet, incase you want to do that
% depth_feet = mbar.*0.033455256555148;

% convert meters to feet, in case you want to use the Mapping Toolbox
% deploy_feet = distdim(dmeter,'meters','feet'); %(needs Mapping Toolbox)
dfeet = dmeter.*3.28084; % I didn't want to use Mapping Toolbox

%% 3. TO FIND CORRECT START / STOP VALUES IN TIME
    % FIND TIME VALUES IN THIS PLOT
    % look in this plot to find where depth values start and stop
    % this is what you will put in below, the (93:135), etc
    % uncomment below --- 56-59
    % n = length(mbar);
    % time = 1:n;
    % figure;
    % plot(time,mbar);

%% 4. DEPLOY DATA PULLING
    % take out only parts of the data for deployments
    % this is the values found 'FIND DEPTH VALUE PLOT'
    % if you have more or less than four, change it

    % ONE
    deploy1_EC      =    EC        (93:135,1);
    deploy1_TDS     =    TDS        (93:135,1);
    deploy1_feet    =    dfeet      (93:135,1);
    deploy1_temp    =    temp       (93:135,1);
    deploy1_sal     =    sal        (93:135,1);

    % TWO
    deploy2_EC      =    EC        (609:660,1);
    deploy2_TDS     =    TDS        (609:660,1);
    deploy2_feet    =    dfeet      (609:660,1);
    deploy2_temp    =    temp       (609:660,1);
    deploy2_sal     =    sal        (609:660,1);

    % THREE
    deploy3_EC      =    EC        (774:799,1);
    deploy3_TDS     =    TDS        (774:799,1);
    deploy3_feet    =    dfeet      (774:799,1);
    deploy3_temp    =    temp       (774:799,1);
    deploy3_sal     =    sal        (774:799,1);

    % FOUR
    deploy4_EC      =    EC        (832:979,1);
    deploy4_TDS     =    TDS        (832:979,1);
    deploy4_feet    =    dfeet      (832:979,1);
    deploy4_temp    =    temp       (832:979,1);
    deploy4_sal     =    sal        (832:979,1);

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%% 5. GRAPHS
% however many you did, make that many subplot graphs
% or you can put them on their own plots (not subplot them)
% these are the same with the numbers changed, 1-4

figure;
subplot(2,2,1); % subplot since I want four graphs on one figure
plot(deploy1_temp,deploy1_feet, 'red');
title('One');
hold
plot(deploy1_sal,deploy1_feet, 'blue');
set(gca, 'Ydir', 'reverse'); % to make zero the top of Y axis
ylim([0 40]); % use the depth you deployed
xlim([14.5 19]) % use the range of your data
legend('temp', 'salinity')
ylabel('depth (ft)');
xlabel('°C | PSU (ppt)');

    subplot(2,2,2);
    plot(deploy2_temp,deploy2_feet, 'red');
    title('Two');
    hold
    plot(deploy2_sal,deploy2_feet, 'blue');
    set(gca, 'Ydir', 'reverse');
    ylim([0 40]); % use the depth you deployed
    xlim([14.5 19]) % use the range of your data
    legend('temp', 'salinity')
    ylabel('depth (ft)');
    xlabel('°C | PSU (ppt)');

subplot(2,2,3);
plot(deploy3_temp,deploy3_feet, 'red');
title('Three');
hold
plot(deploy3_sal,deploy3_feet, 'blue');
set(gca, 'Ydir', 'reverse');
ylim([0 40]); % use the depth you deployed
xlim([14.5 19]) % use the range of your data
legend('temp', 'salinity')
ylabel('depth (ft)');
xlabel('°C | PSU (ppt)');

    subplot(2,2,4);
    plot(deploy4_temp,deploy4_feet, 'red');
    title('Four');
    hold
    plot(deploy4_sal,deploy4_feet, 'blue');
    set(gca, 'Ydir', 'reverse');
    ylim([0 40]); % use the depth you deployed
    xlim([14.5 19]) % use the range of your data
    legend('temp', 'salinity')
    ylabel('depth (ft)');
    xlabel('°C | PSU (ppt)');

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