

WMAP Cosmological Parameters

Model: owcdm

Data: wmap9+bao+h0

$10^9 \Delta_{\mathcal{R}}^2$	2.45 ± 0.11	H_0	$72.3^{+1.9}_{-2.1}$ km/s/Mpc
$\ell(\ell+1)C_{220}/(2\pi)$	$5747^{+36}_{-35} \mu\text{K}^2$	$d_A(z_{\text{eq}})$	14155^{+105}_{-91} Mpc
$d_A(z_*)$	13995^{+109}_{-95} Mpc	$D_v(z=0.57)/r_s(z_d)$	$13.62^{+0.19}_{-0.17}$
η	$(6.17 \pm 0.13) \times 10^{-10}$	k_{eq}	$0.01007^{+0.00026}_{-0.00033}$
ℓ_{eq}	$140.8^{+2.8}_{-3.5}$	ℓ_*	$302.37^{+0.66}_{-0.60}$
n_b	$(2.534^{+0.053}_{-0.052}) \times 10^{-7} \text{ cm}^{-3}$	n_s	$0.969^{+0.012}_{-0.013}$
$\Omega_b h^2$	0.02257 ± 0.00047	$\Omega_c h^2$	$0.1153^{+0.0036}_{-0.0046}$
Ω_k	$-0.0060^{+0.0697}_{-0.0044}$	Ω_k	$-0.014 < \Omega_k < 0.064$ (95% CL)
Ω_Λ	$0.741^{+0.016}_{-0.019}$	$\Omega_m h^2$	$0.1379^{+0.0036}_{-0.0045}$
Ω_{tot}	$1.0060^{+0.0044}_{-0.0697}$	Ω_{tot}	$0.94 < \Omega_{\text{tot}} < 1.01$ (95% CL)
$r_s(z_d)$	$151.9^{+1.1}_{-1.0}$ Mpc	$r_s(z_d)/D_v(z=0.106)$	$0.3500^{+0.0060}_{-0.0064}$
$r_s(z_d)/D_v(z=0.35)$	0.1118 ± 0.0012	$r_s(z_d)/D_v(z=0.44)$	$0.0913^{+0.0010}_{-0.0011}$
$r_s(z_d)/D_v(z=0.54)$	$0.0767^{+0.0018}_{-0.0010}$	$r_s(z_d)/D_v(z=0.57)$	$0.0734^{+0.0020}_{-0.0010}$
$r_s(z_d)/D_v(z=0.6)$	$0.0704^{+0.0022}_{-0.0010}$	$r_s(z_d)/D_v(z=0.73)$	$0.06054^{+0.00080}_{-0.00088}$
$r_s(z_*)$	$145.41^{+1.09}_{-0.98}$	R	$1.733^{+0.013}_{-0.016}$
σ_8	$0.885^{+0.040}_{-0.043}$	$\sigma_8 \Omega_m^{0.5}$	$0.455^{+0.017}_{-0.020}$
$\sigma_8 \Omega_m^{0.6}$	$0.398^{+0.015}_{-0.019}$	A_{SZ}	< 2.0 (95% CL)
t_0	14.00 ± 0.19 Gyr	τ	0.088 ± 0.014
θ_*	$0.010390^{+0.000021}_{-0.000023}$	θ_*	$0.5953^{+0.0012}_{-0.0013} \text{ }^\circ$
τ_{rec}	$283.1^{+2.4}_{-2.0}$	t_{reion}	454^{+61}_{-64} Myr
t_*	374954^{+4034}_{-3294} yr	w	-1.22 ± 0.12
z_d	$1020.68^{+0.98}_{-1.02}$	z_{eq}	3301^{+85}_{-107}
z_{rec}	$1088.34^{+0.76}_{-0.78}$	z_{reion}	$10.6^{+1.2}_{-1.1}$
z_*	$1091.20^{+0.83}_{-0.79}$		